

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070816.D
 Acq On : 22 Oct 2021 11:00
 Operator : VA/SY
 Sample : VD1022SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

Manual Integrations
 APPROVED

Quant Time: Oct 23 04:09:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	389551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	650664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	309817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235727	51.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.180%	
35) Dibromofluoromethane	7.908	113	211479	50.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.332	98	810840	50.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.626	95	289271	52.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	88310	19.390	ug/l	97
3) Chloromethane	2.209	50	132890	19.664	ug/l	98
4) Vinyl Chloride	2.344	62	132888	19.189	ug/l	94
5) Bromomethane	2.750	94	84626	20.041	ug/l	98
6) Chloroethane	2.909	64	87129	19.979	ug/l	98
7) Trichlorofluoromethane	3.267	101	160111	20.451	ug/l	93
8) Diethyl Ether	3.709	74	40000	19.176	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.091	101	96660	20.641	ug/l	98
10) Methyl Iodide	4.297	142	66317	16.065	ug/l	97
11) Tert butyl alcohol	5.220	59	24131	93.425	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	83225	19.654	ug/l	91
13) Acrolein	3.920	56	22313	89.254	ug/l	94
14) Allyl chloride	4.708	41	151776	18.936	ug/l #	91
15) Acrylonitrile	5.420	53	105596	96.141	ug/l	98
16) Acetone	4.150	43	109117	98.051	ug/l	90
17) Carbon Disulfide	4.403	76	296724	19.231	ug/l	99
18) Methyl Acetate	4.714	43	78704	20.346	ug/l #	87
19) Methyl tert-butyl Ether	5.467	73	179270	19.583	ug/l	100
20) Methylene Chloride	4.961	84	130810	19.386	ug/l #	89
21) trans-1,2-Dichloroethene	5.467	96	99647	20.513	ug/l	98
22) Diisopropyl ether	6.361	45	322925	20.693	ug/l #	94
23) Vinyl Acetate	6.303	43	677386	92.895	ug/l #	92
24) 1,1-Dichloroethane	6.255	63	205876	21.177	ug/l	97
25) 2-Butanone	7.208	43	132150	96.122	ug/l #	87
26) 2,2-Dichloropropane	7.202	77	158714	20.642	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	105879	20.326	ug/l	87
28) Bromochloromethane	7.538	49	90538	23.425	ug/l	83
29) Tetrahydrofuran	7.561	42	82293	97.779	ug/l #	81
30) Chloroform	7.702	83	204898	21.573	ug/l	96
31) Cyclohexane	7.979	56	174646	18.709	ug/l	88
32) 1,1,1-Trichloroethane	7.902	97	167766	20.821	ug/l	94
36) 1,1-Dichloropropene	8.102	75	150441	20.755	ug/l	98
37) Ethyl Acetate	7.291	43	62106	20.681	ug/l #	90
38) Carbon Tetrachloride	8.091	117	142098	20.468	ug/l	93
39) Methylcyclohexane	9.349	83	151363	18.517	ug/l #	84
40) Benzene	8.344	78	426185	20.415	ug/l	98

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Quant Time: Oct 23 04:09:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28391	16.353	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	121569	20.519	ug/l	96
43) Isopropyl Acetate	8.444	43	110474	19.285	ug/l #	94
44) Trichloroethene	9.108	130	98337	20.060	ug/l	89
45) 1,2-Dichloropropane	9.385	63	115678	20.973	ug/l	96
46) Dibromomethane	9.467	93	54385	20.590	ug/l	96
47) Bromodichloromethane	9.655	83	147332	21.027	ug/l	96
48) Methyl methacrylate	9.449	41	54877	19.556	ug/l #	83
49) 1,4-Dioxane	9.455	88	11555	407.428	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	299273	99.118	ug/l	89
52) Toluene	10.396	92	255572	20.563	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	114337	18.269	ug/l	91
54) cis-1,3-Dichloropropene	10.085	75	145181	19.378	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	70578	19.456	ug/l	96
56) Ethyl methacrylate	10.655	69	78938	18.821	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	129993	20.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	180620	94.536	ug/l	94
59) 2-Hexanone	10.979	43	207320	97.552	ug/l	86
60) Dibromochloromethane	11.132	129	85129	20.419	ug/l	97
61) 1,2-Dibromoethane	11.238	107	64069	19.304	ug/l	98
64) Tetrachloroethene	10.867	164	78226	19.374	ug/l	92
65) Chlorobenzene	11.661	112	250073	20.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	91063	19.972	ug/l	94
67) Ethyl Benzene	11.738	91	456204	20.247	ug/l	98
68) m/p-Xylenes	11.849	106	344498	40.358	ug/l	92
69) o-Xylene	12.173	106	155291	20.054	ug/l	95
70) Styrene	12.185	104	279540	20.768	ug/l	95
71) Bromoform	12.349	173	49711	20.996	ug/l #	99
73) Isopropylbenzene	12.467	105	428471	19.409	ug/l	100
74) N-amyl acetate	12.279	43	111341	19.374	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.720	83	86615	19.835	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	53944m	20.153	ug/l	
77) Bromobenzene	12.749	156	101284	20.266	ug/l	98
78) n-propylbenzene	12.808	91	578259	20.153	ug/l	97
79) 2-Chlorotoluene	12.896	91	336213	20.275	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	380649	20.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20760	16.988	ug/l	89
82) 4-Chlorotoluene	12.996	91	358569	20.442	ug/l	99
83) tert-Butylbenzene	13.214	119	296256	19.209	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	378544	20.401	ug/l	100
85) sec-Butylbenzene	13.390	105	478590	19.747	ug/l	100
86) p-Isopropyltoluene	13.502	119	383716	19.692	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	216859	20.664	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	210473	20.309	ug/l	99
89) n-Butylbenzene	13.832	91	376803	19.161	ug/l	98
90) Hexachloroethane	14.096	117	81749	19.442	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	178142	19.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12078	17.341	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	96455	18.799	ug/l	97
94) Hexachlorobutadiene	15.249	225	66495	19.764	ug/l	97
95) Naphthalene	15.384	128	154122	18.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	86877	19.057	ug/l	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

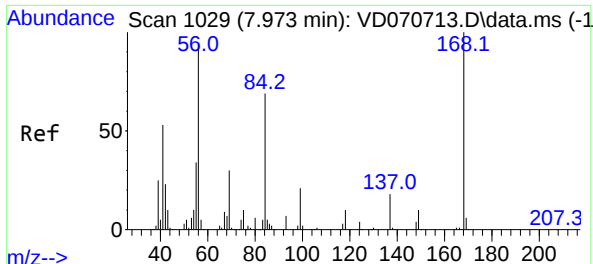
Manual Integrations
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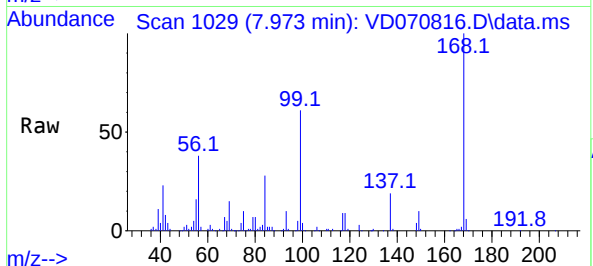
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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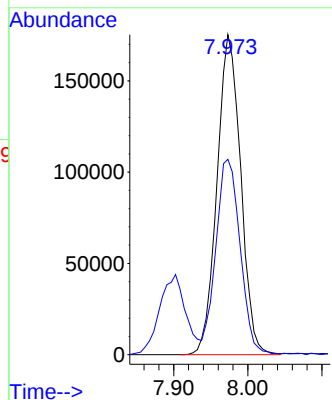
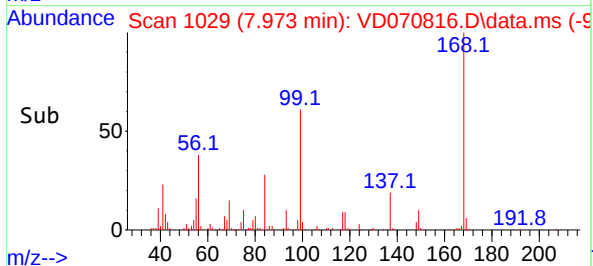
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 168 Resp: 389551
Ion Ratio Lower Upper
168 100
99 60.7 51.4 77.0

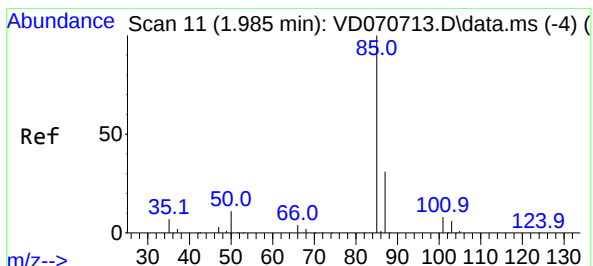


Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

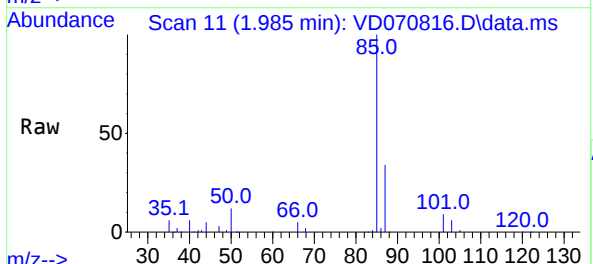
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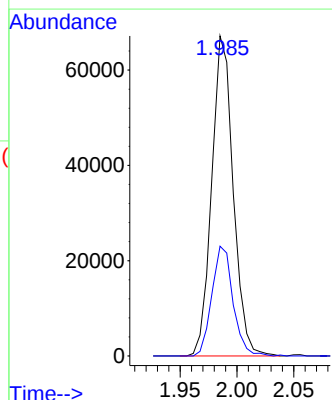
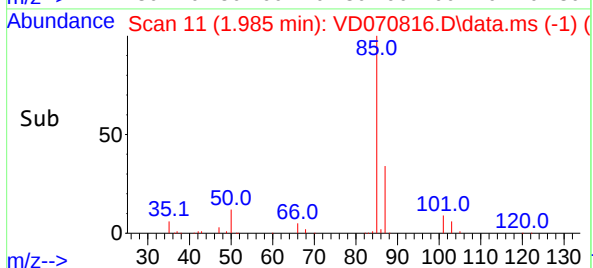
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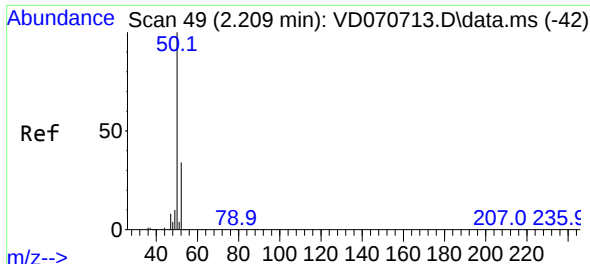


Dichlorodifluoromethane
Concen: 19.390 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



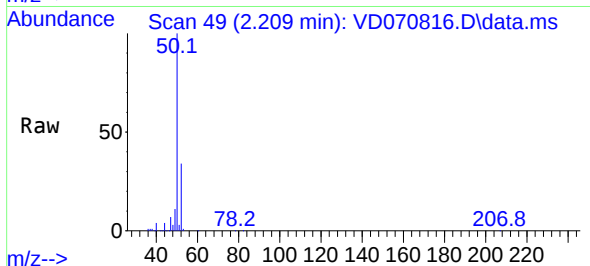
Tgt Ion: 85 Resp: 88310
Ion Ratio Lower Upper
85 100
87 34.3 16.4 49.2



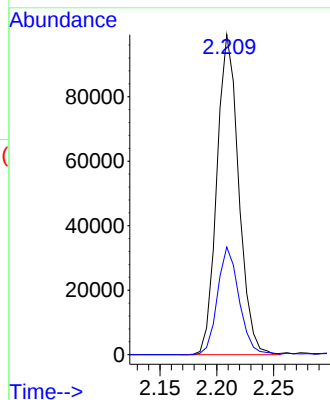
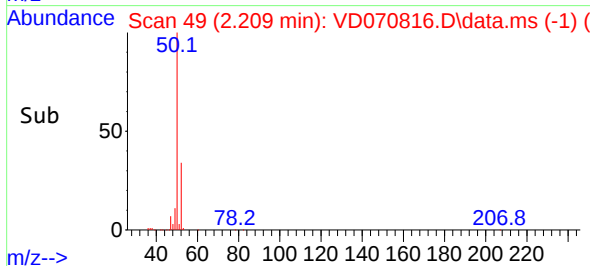


#3
Chloromethane
Concen: 19.664 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

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MSVOA_D
ClientSampleId :
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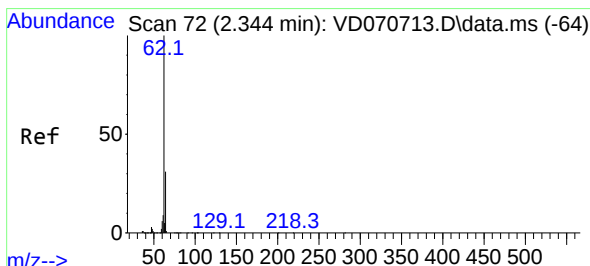


Tgt Ion: 50 Resp: 132890
Ion Ratio Lower Upper
50 100
52 33.7 26.0 39.0

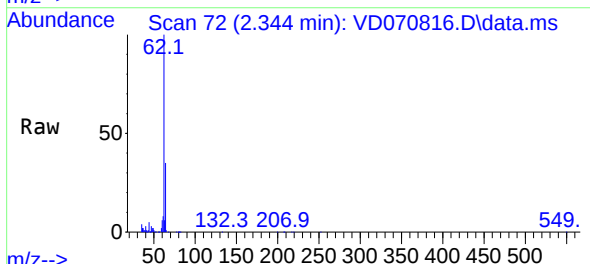


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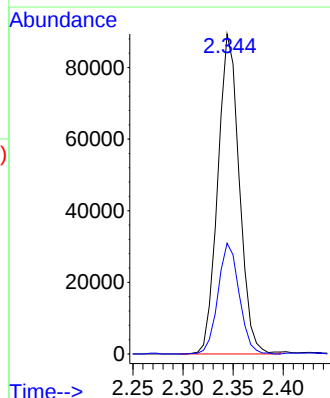
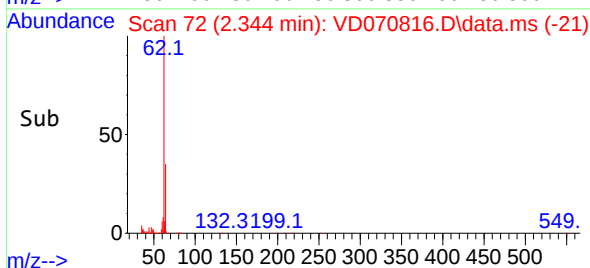
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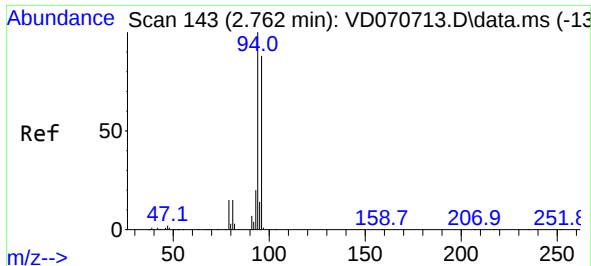


#4
Vinyl Chloride
Concen: 19.189 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 62 Resp: 132888
Ion Ratio Lower Upper
62 100
64 34.6 24.9 37.3



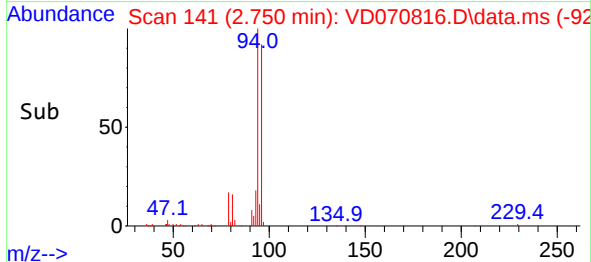
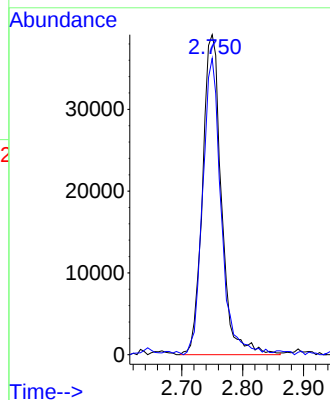
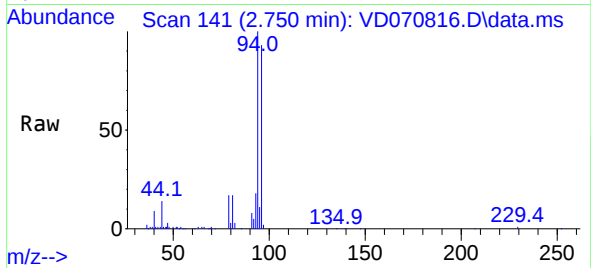


#5
Bromomethane
Concen: 20.041 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 94 Resp: 84626
Ion Ratio Lower Upper
94 100
96 92.1 75.5 113.3

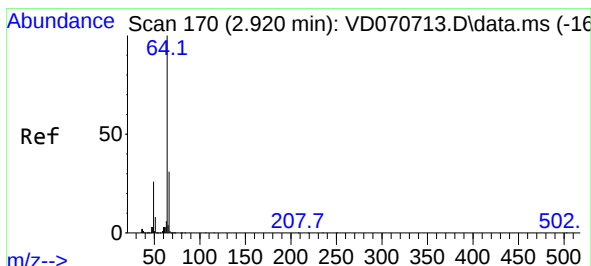
Instrument :
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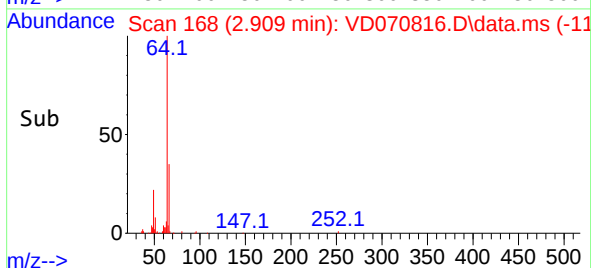
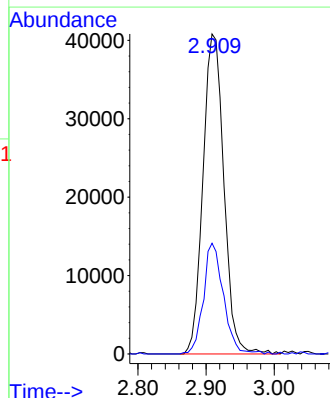
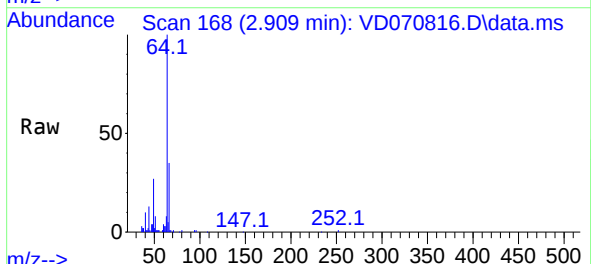
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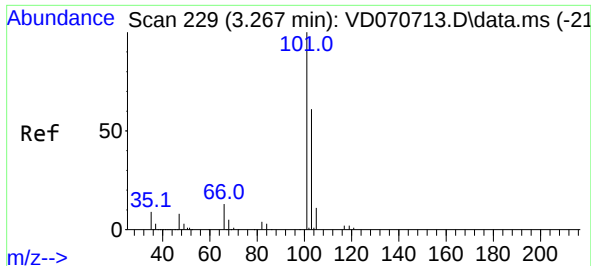
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#6
Chloroethane
Concen: 19.979 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 64 Resp: 87129
Ion Ratio Lower Upper
64 100
66 34.6 26.6 40.0



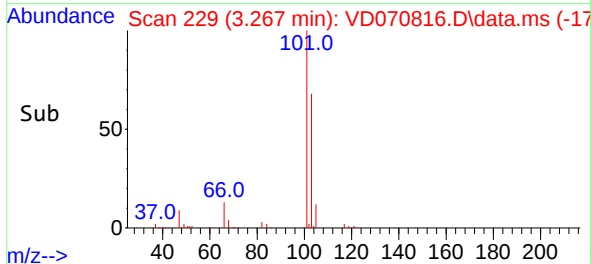
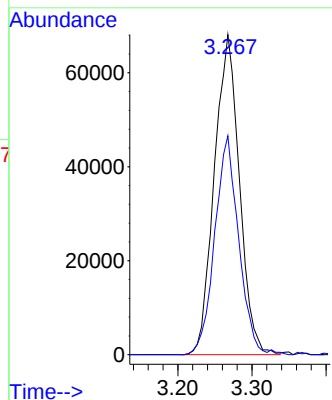
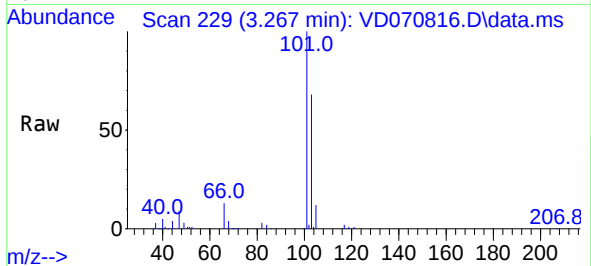


#7
Trichlorofluoromethane
Concen: 20.451 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:101 Resp: 160111
Ion Ratio Lower Upper
101 100
103 68.4 50.1 75.1

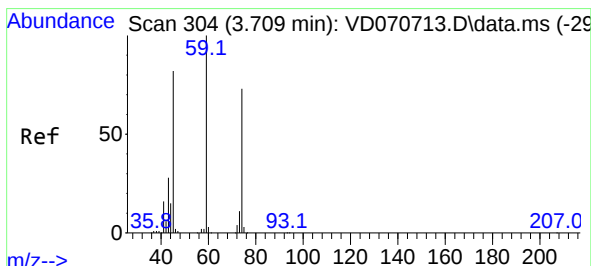
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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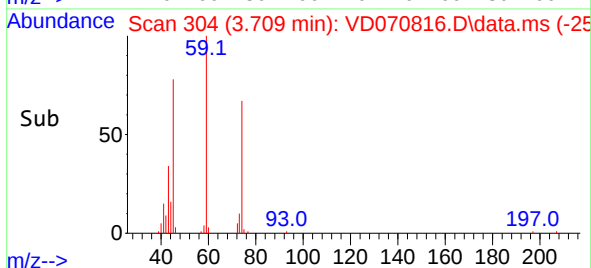
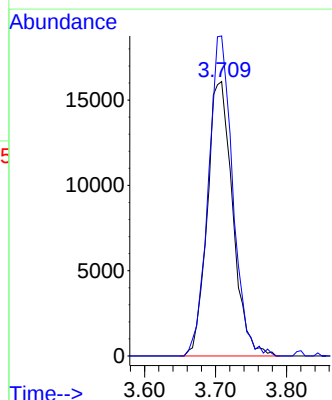
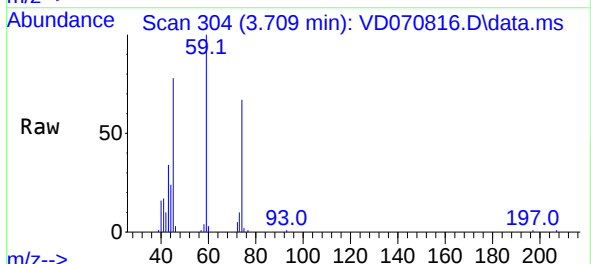
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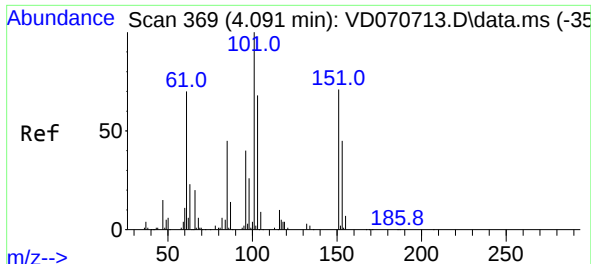
10/25/2021 11:57:18 AM



#8
Diethyl Ether
Concen: 19.176 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 74 Resp: 40000
Ion Ratio Lower Upper
74 100
45 112.0 45.1 135.5



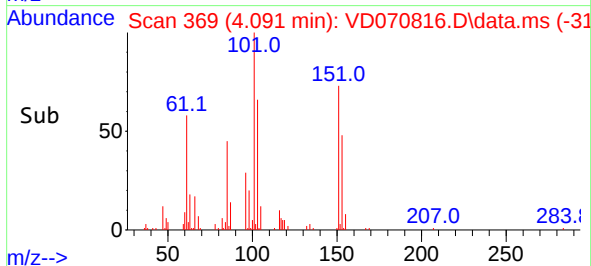
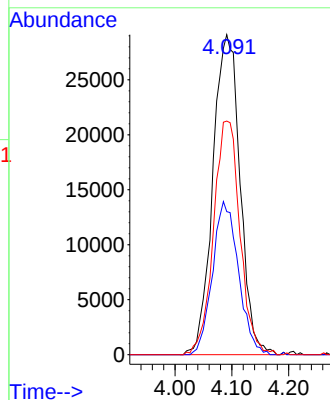
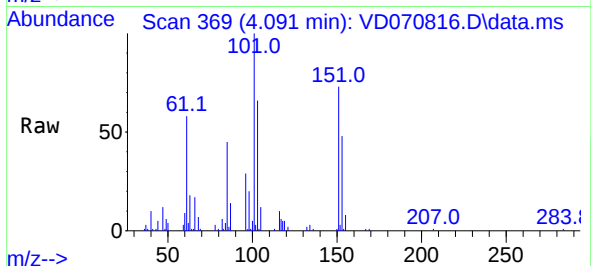


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.641 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	101	Resp:	96660
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.5	53.3
151	71.1	55.8	83.8

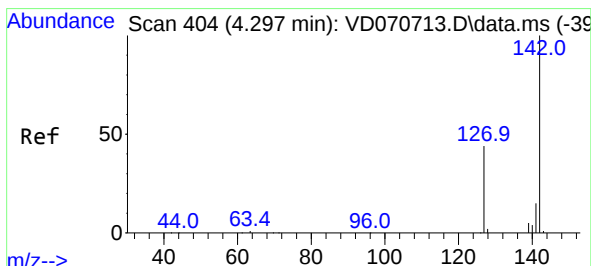
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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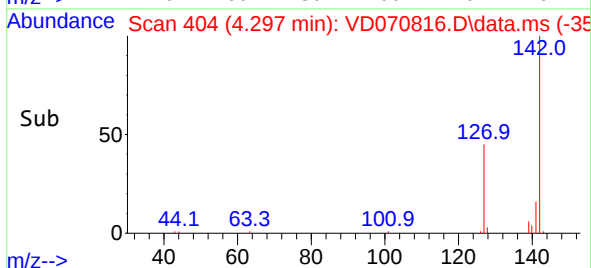
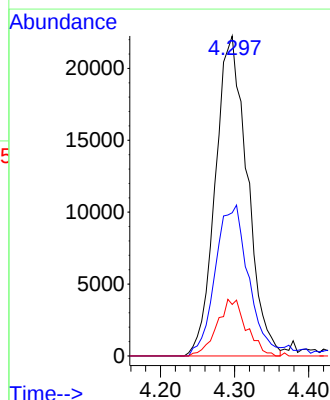
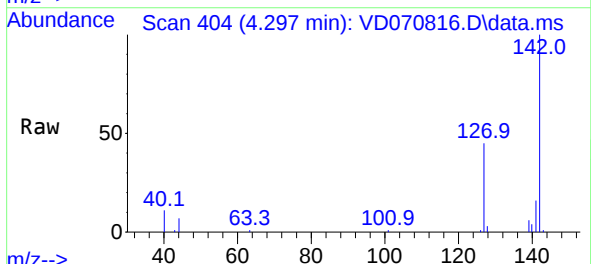
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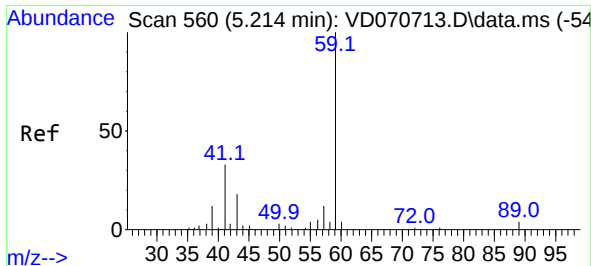
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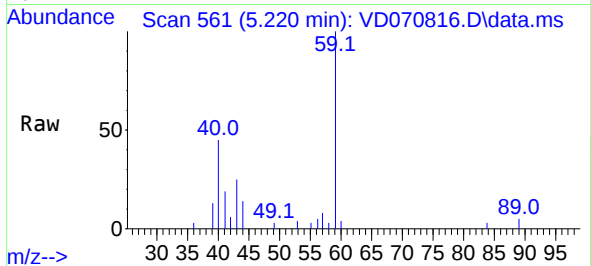
#10
Methyl Iodide
Concen: 16.065 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	142	Resp:	66317
Ion Ratio	Lower	Upper	
142	100		
127	49.3	37.5	56.3
141	16.4	12.1	18.1

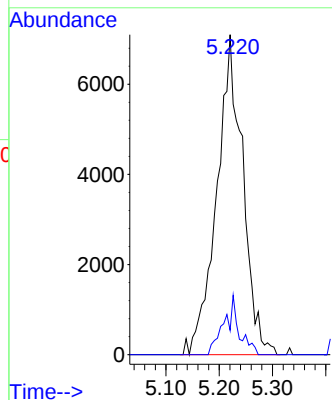




#11
Tert butyl alcohol
Concen: 93.425 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 59 Resp: 24131
Ion Ratio Lower Upper
59 100
57 10.8 4.5 6.7#

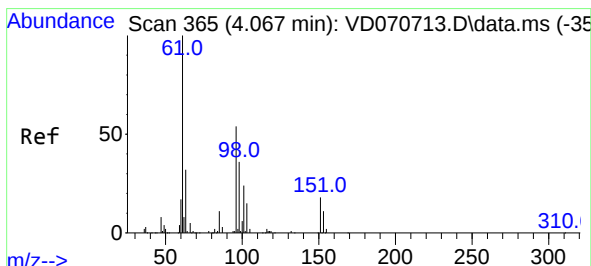


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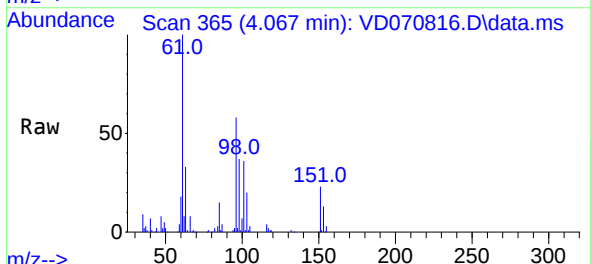
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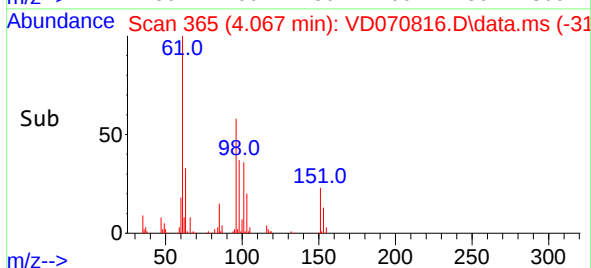
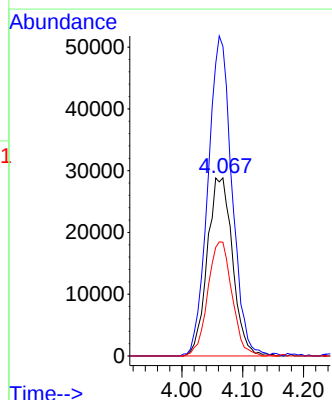
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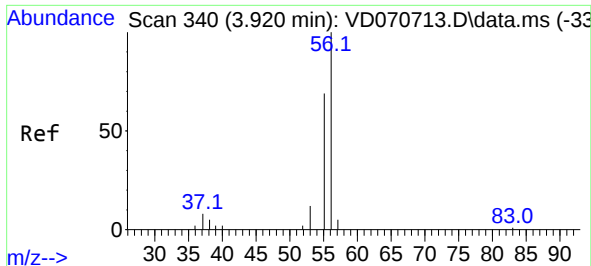


#12
1,1-Dichloroethene
Concen: 19.654 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 96 Resp: 83225
Ion Ratio Lower Upper
96 100
61 173.8 125.9 188.9
98 63.9 52.3 78.5



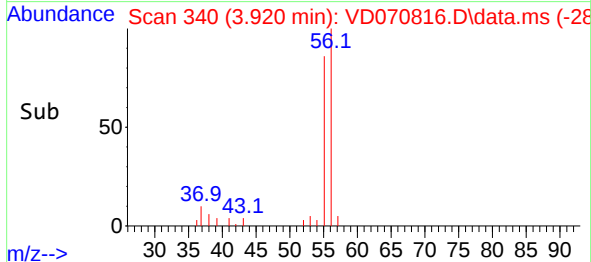
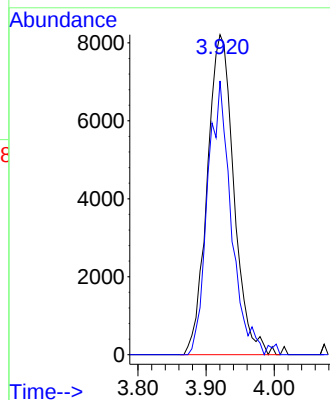
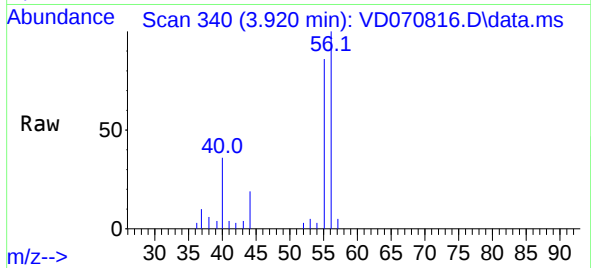


#13
Acrolein
Concen: 89.254 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 56 Resp: 22313
Ion Ratio Lower Upper
56 100
55 75.6 56.8 85.2

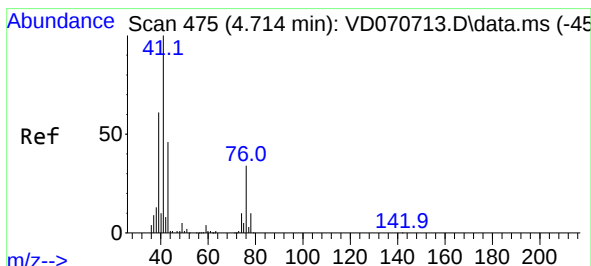
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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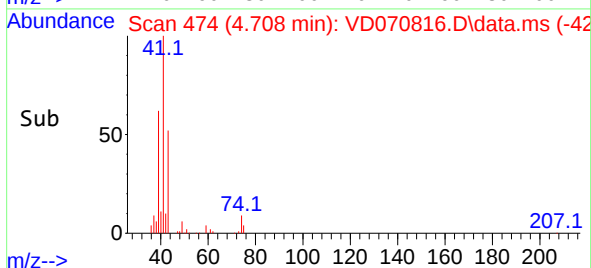
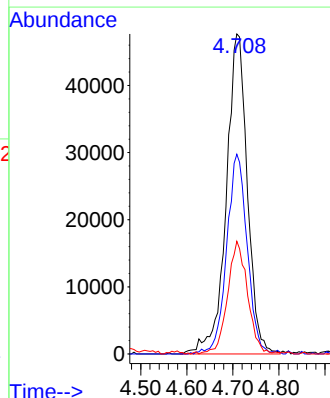
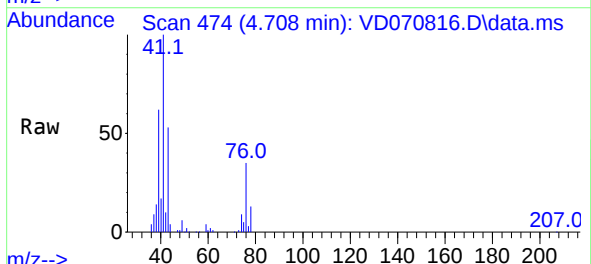
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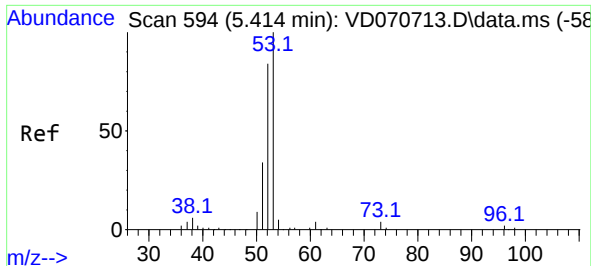
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#14
Allyl chloride
Concen: 18.936 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 41 Resp: 151776
Ion Ratio Lower Upper
41 100
39 60.6 46.4 69.6
76 33.3 34.6 51.8#



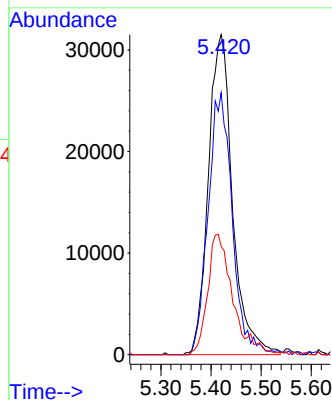
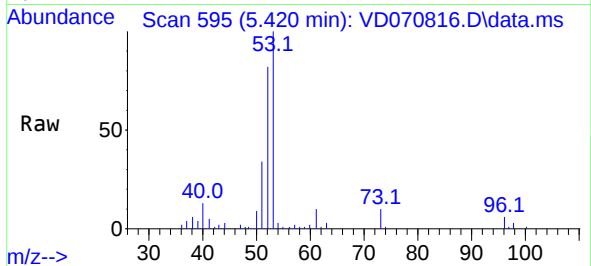


#15
Acrylonitrile
Concen: 96.141 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 53	Resp: 105596
Ion Ratio	Lower Upper
53 100	
52 81.2	64.6 97.0
51 38.8	28.7 43.1

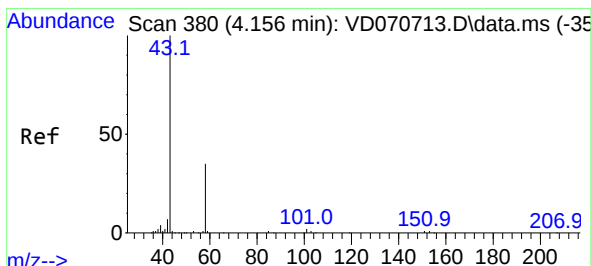
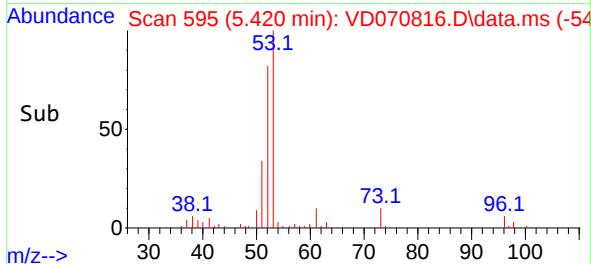
Instrument :
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ClientSampleId :
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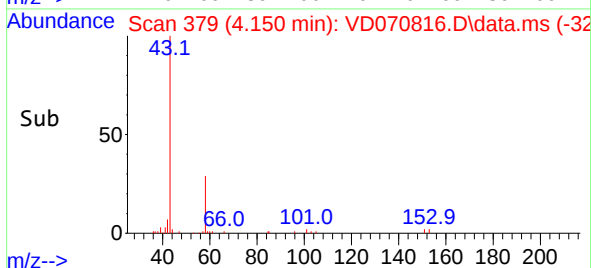
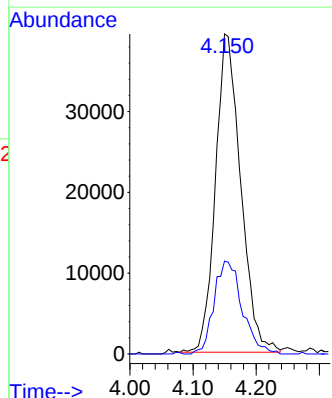
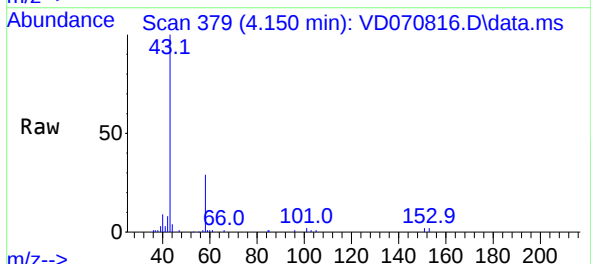
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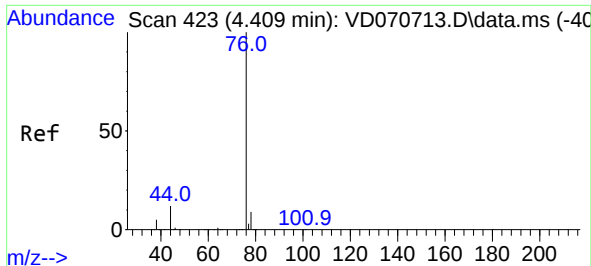
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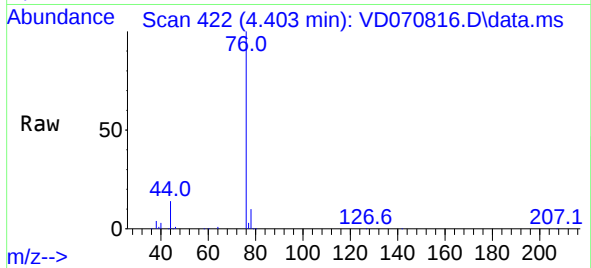
#16
Acetone
Concen: 98.051 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 43	Resp: 109117
Ion Ratio	Lower Upper
43 100	
58 29.2	28.2 42.2

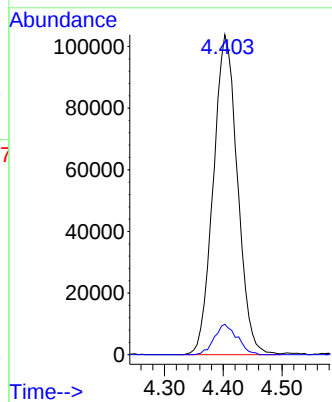
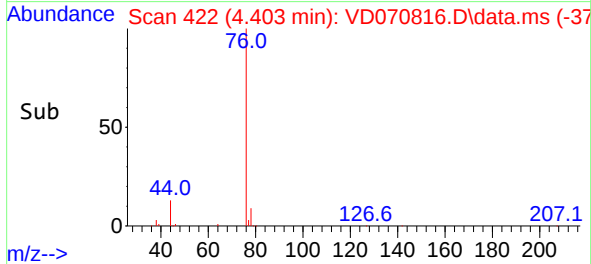




#17
Carbon Disulfide
Concen: 19.231 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 76 Resp: 296724
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

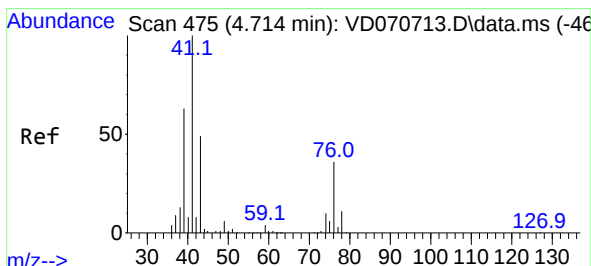


Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

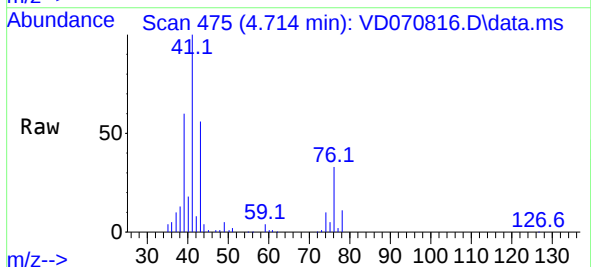
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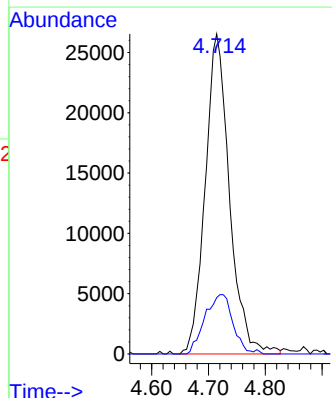
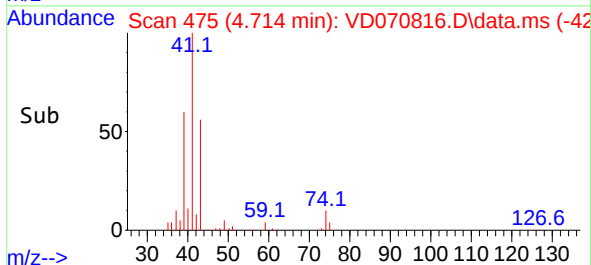
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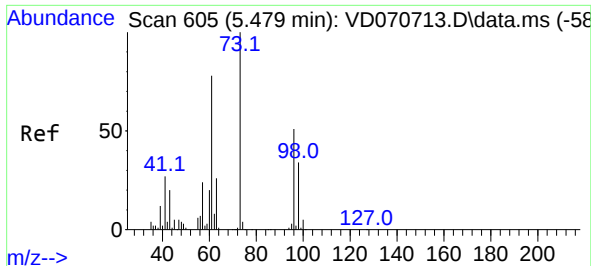


#18
Methyl Acetate
Concen: 20.346 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

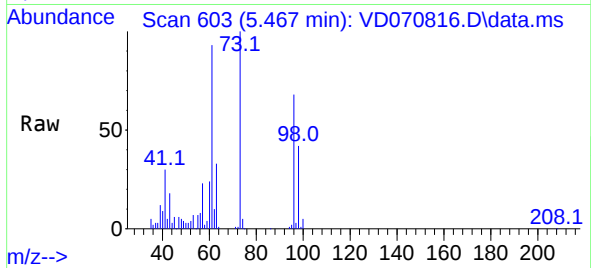


Tgt Ion: 43 Resp: 78704
Ion Ratio Lower Upper
43 100
74 21.3 22.6 33.8#

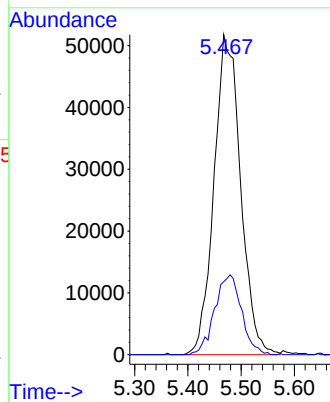
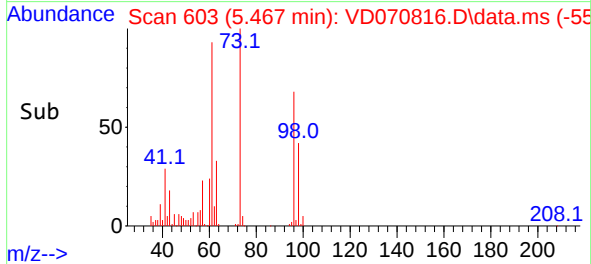




#19
Methyl tert-butyl Ether
Concen: 19.583 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 73 Resp: 179270
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1

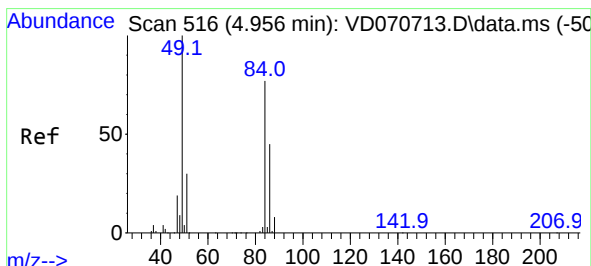


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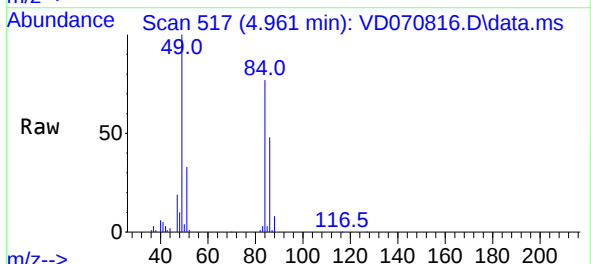
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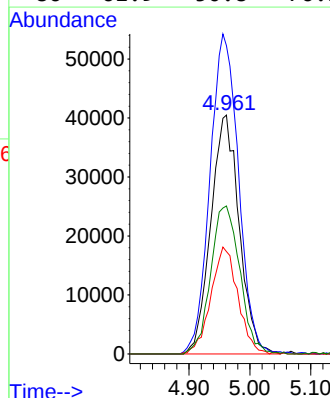
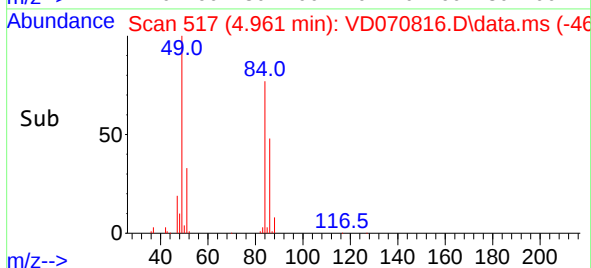
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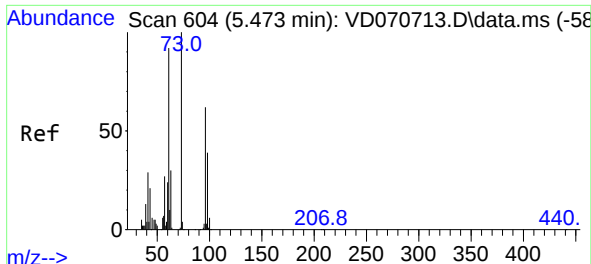


#20
Methylene Chloride
Concen: 19.386 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 84 Resp: 130810
Ion Ratio Lower Upper
84 100
49 129.1 91.4 137.2
51 42.9 26.7 40.1#
86 61.9 50.8 76.2



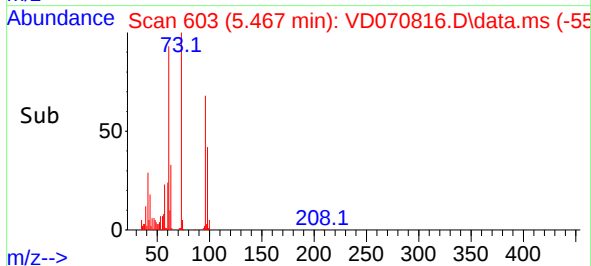
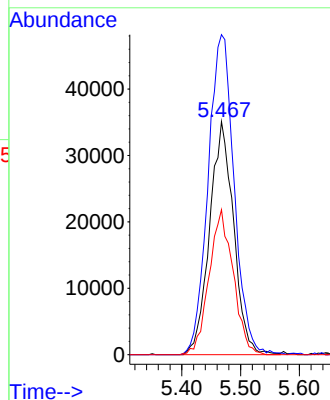
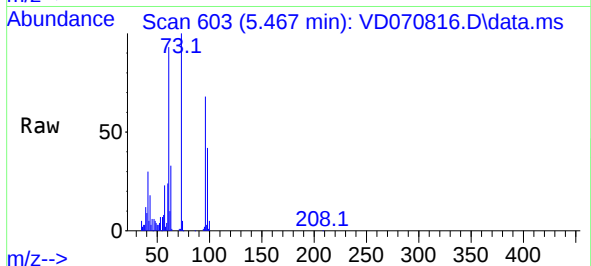


#21
trans-1,2-Dichloroethene
Concen: 20.513 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 96 Resp: 99647
Ion Ratio Lower Upper
96 100
61 137.3 111.1 166.7
98 62.2 51.9 77.9

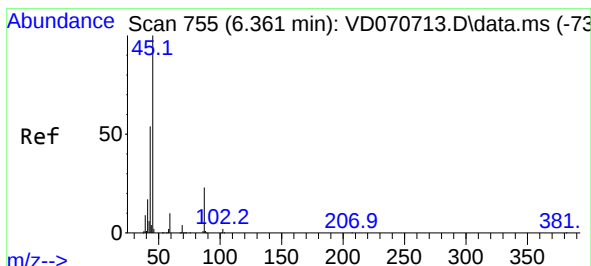
Instrument :
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ClientSampleId :
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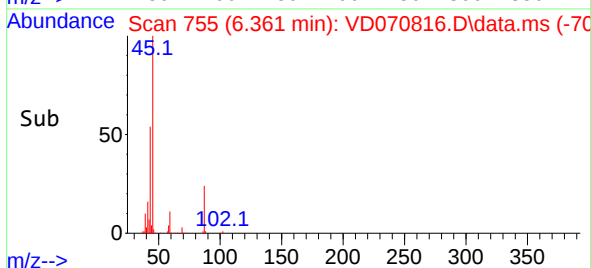
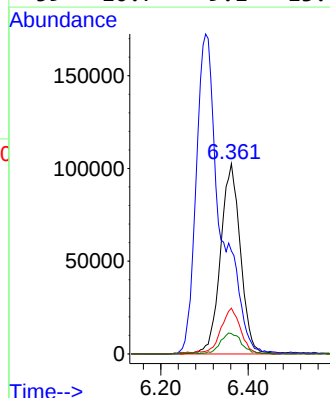
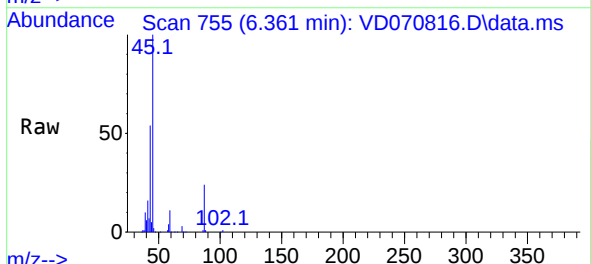
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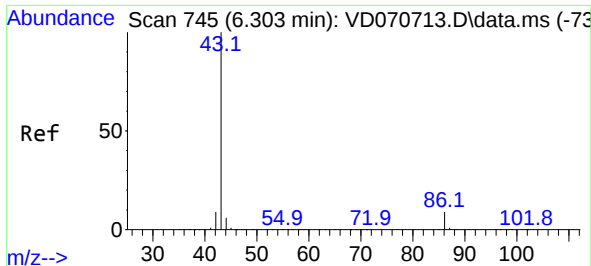
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#22
Diisopropyl ether
Concen: 20.693 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 45 Resp: 322925
Ion Ratio Lower Upper
45 100
43 53.5 40.6 61.0
87 24.0 24.6 37.0#
59 10.7 9.1 13.7



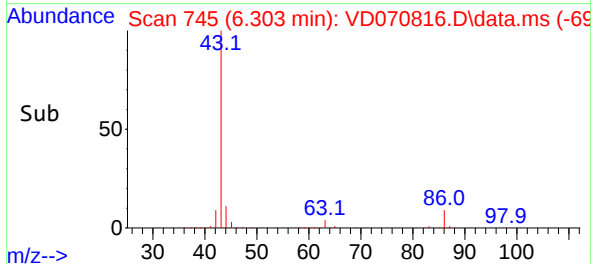
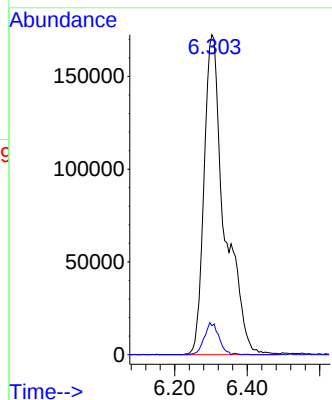
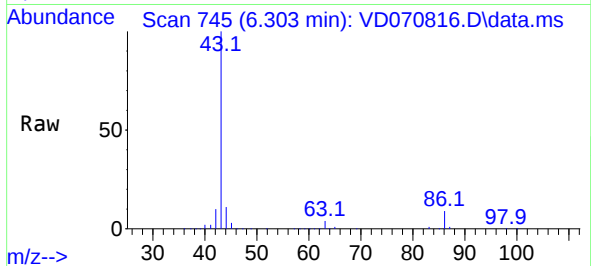


#23
 Vinyl Acetate
 Concen: 92.895 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070816.D
 Acq: 22 Oct 2021 11:00

Tgt Ion: 43 Resp: 677386
 Ion Ratio Lower Upper
 43 100
 86 9.1 9.8 14.6#

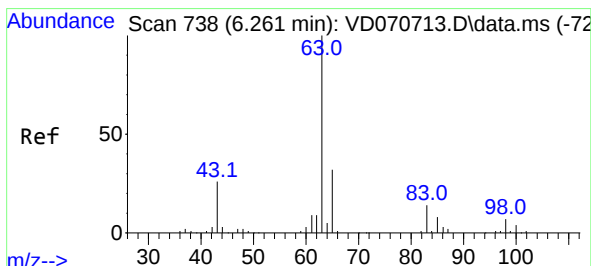
Instrument :
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 ClientSampleId :
 VD1022SBS01

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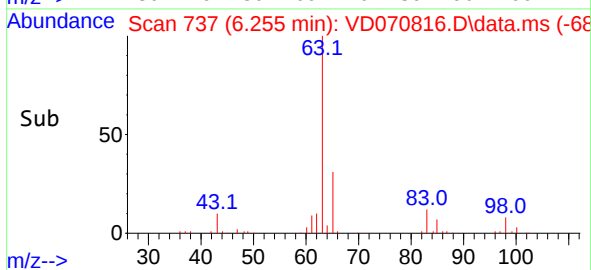
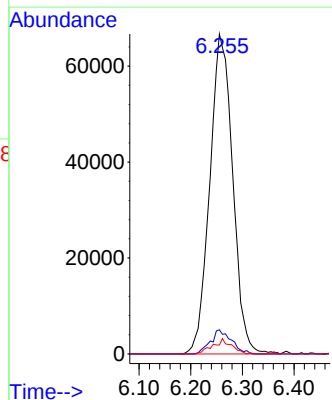
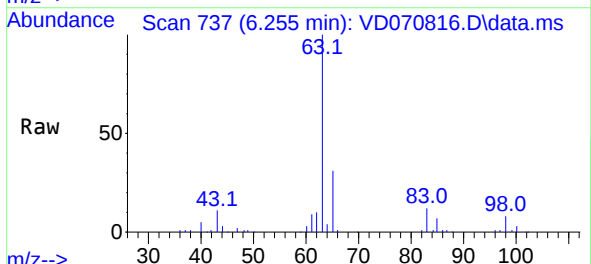
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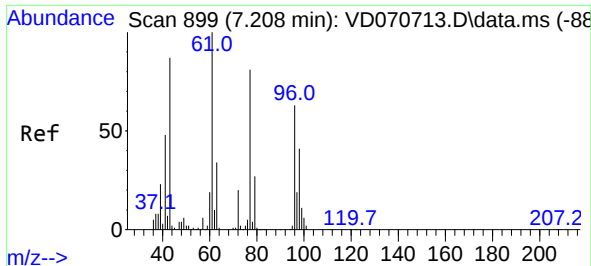
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#24
 1,1-Dichloroethane
 Concen: 21.177 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD070816.D
 Acq: 22 Oct 2021 11:00

Tgt Ion: 63 Resp: 205876
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 2.8 2.4 7.2



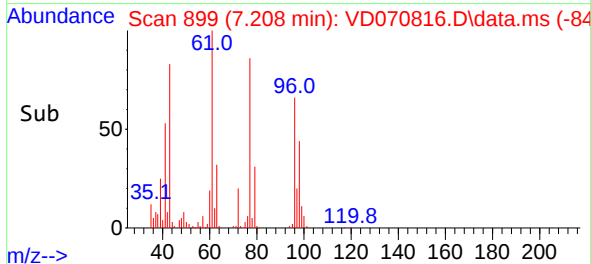
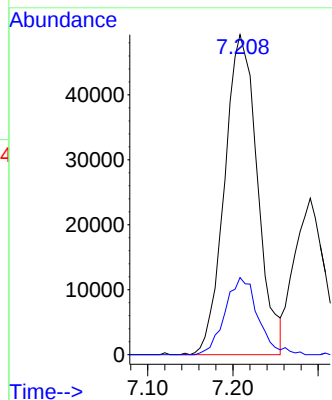
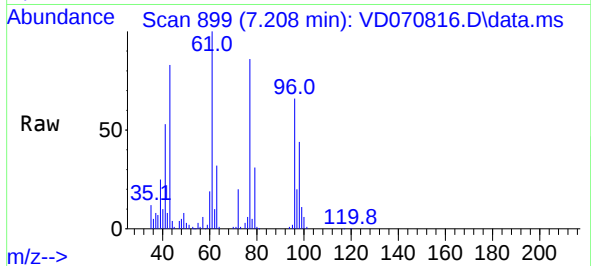


#25
2-Butanone
Concen: 96.122 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 43 Resp: 132150
Ion Ratio Lower Upper
43 100
72 24.1 25.2 37.8#

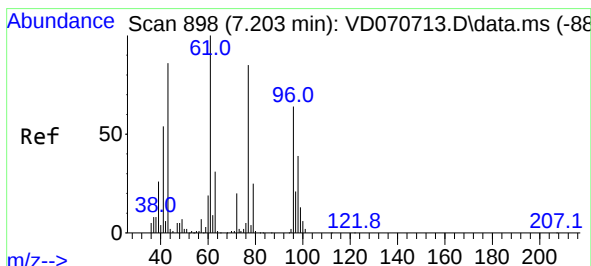
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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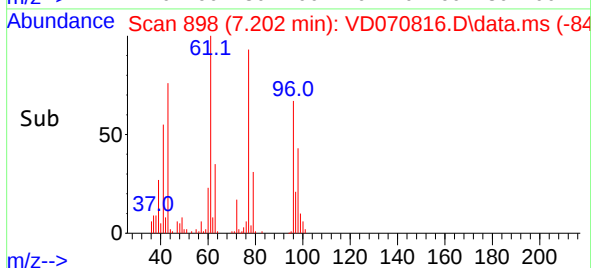
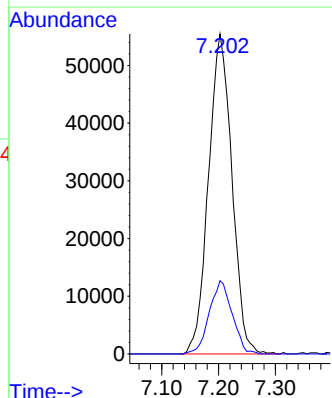
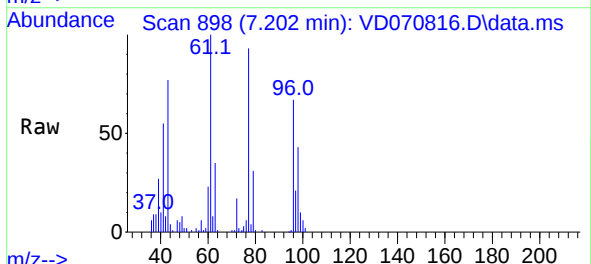
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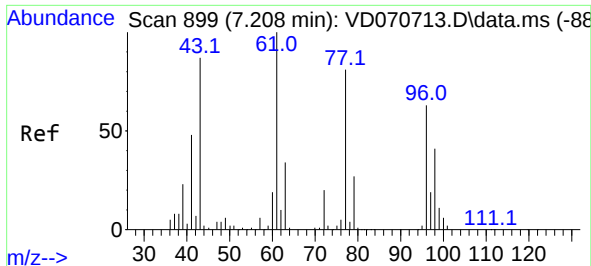
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#26
2,2-Dichloropropane
Concen: 20.642 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 77 Resp: 158714
Ion Ratio Lower Upper
77 100
97 22.3 11.9 35.7



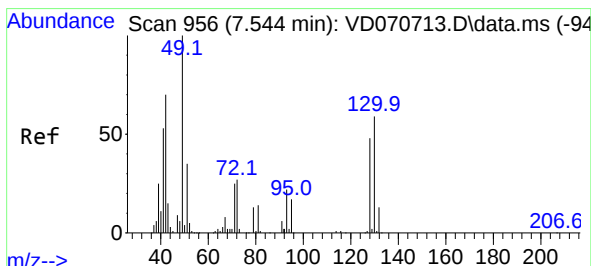
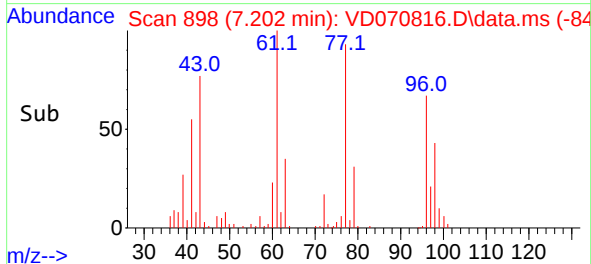
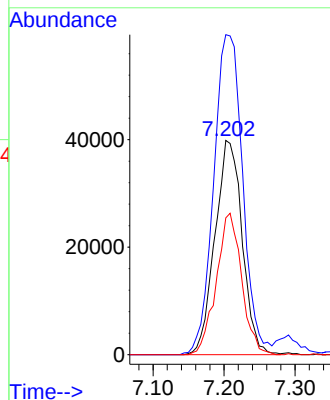
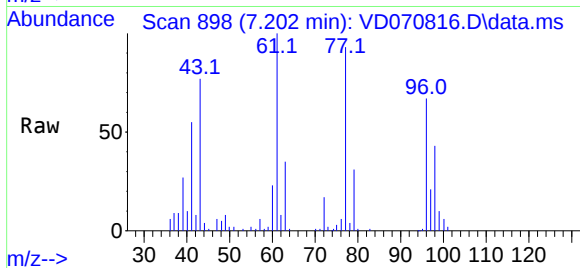


#27
cis-1,2-Dichloroethene
Concen: 20.326 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	96	Resp:	105879
Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	278.2
98	61.5	0.0	128.6

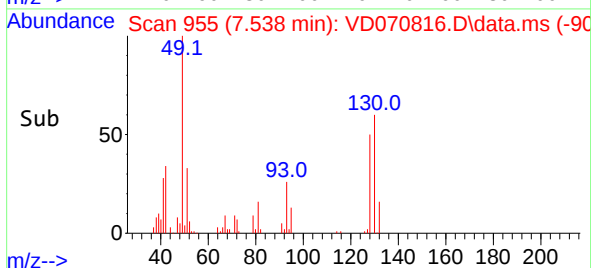
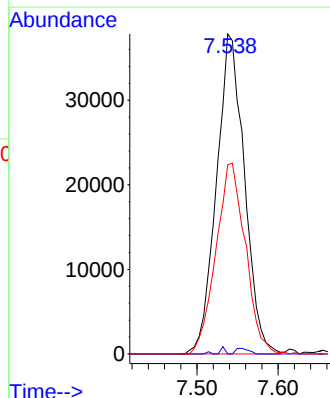
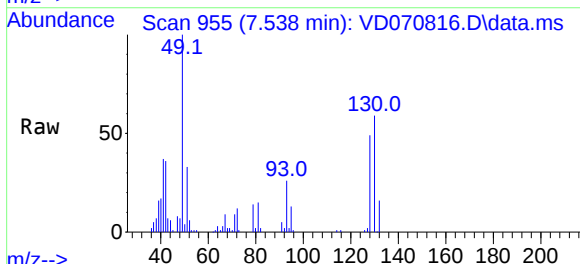
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

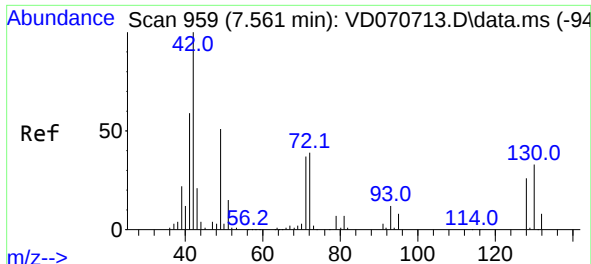
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#28
Bromochloromethane
Concen: 23.425 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	49	Resp:	90538
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.8
130	63.0	62.4	93.6



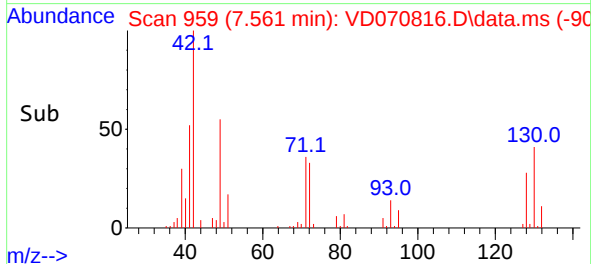
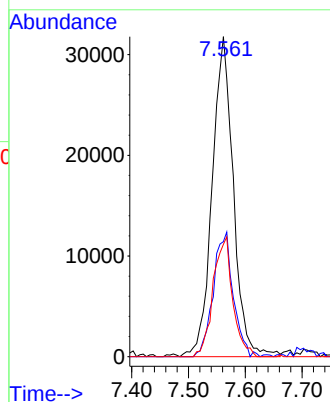
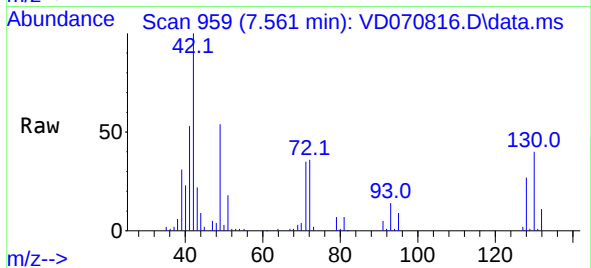


#29
Tetrahydrofuran
Concen: 97.779 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 42 Resp: 82293
Ion Ratio Lower Upper
42 100
72 36.7 40.2 60.4#
71 34.5 37.2 55.8#

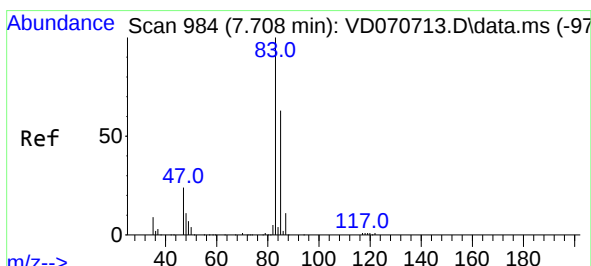
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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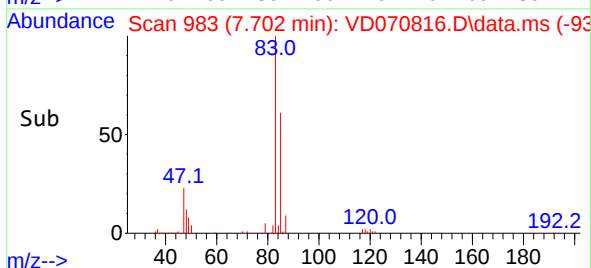
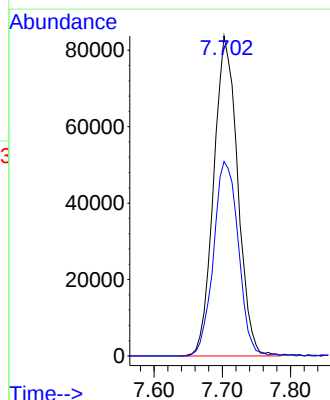
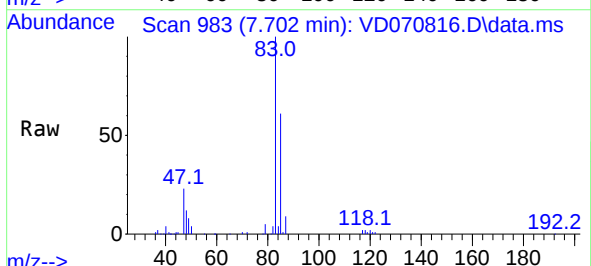
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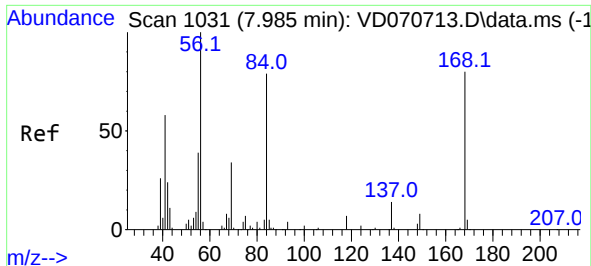
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#30
Chloroform
Concen: 21.573 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

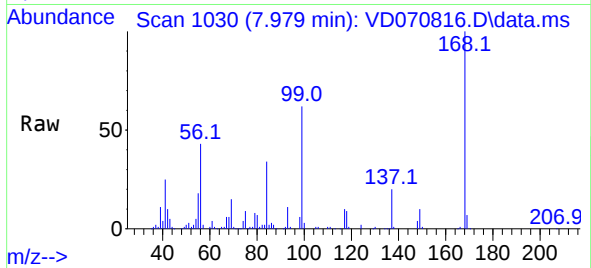
Tgt Ion: 83 Resp: 204898
Ion Ratio Lower Upper
83 100
85 60.7 51.2 76.8





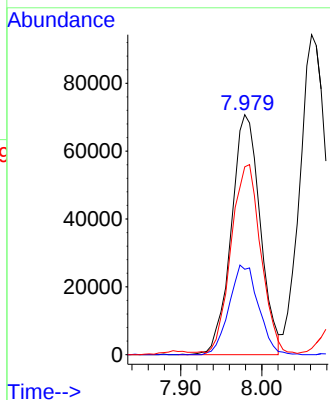
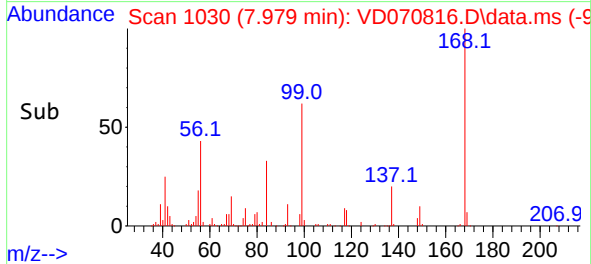
#31
Cyclohexane
Concen: 18.709 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01



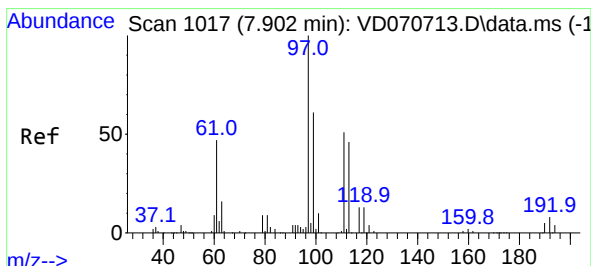
Tgt Ion: 56 Resp: 174646
Ion Ratio Lower Upper
56 100
69 35.6 27.4 41.2
84 76.9 73.6 110.4

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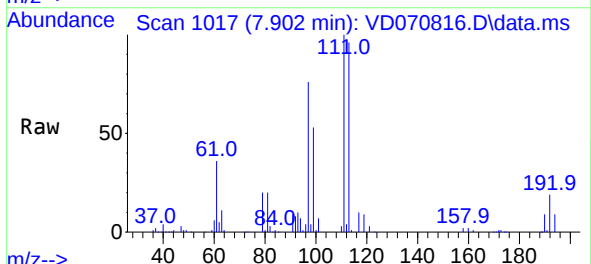


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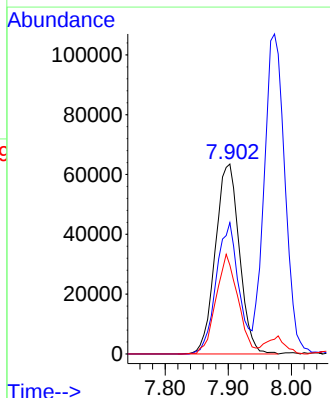
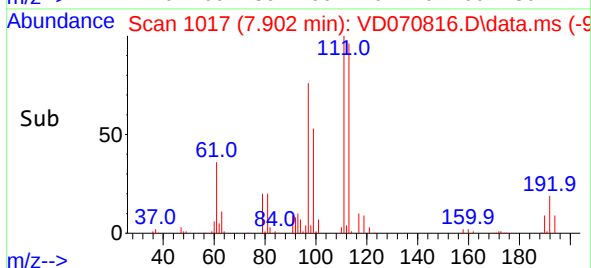
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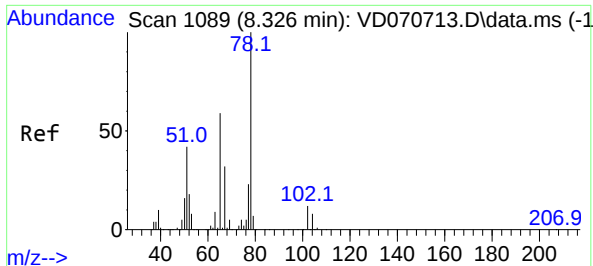


#32
1,1,1-Trichloroethane
Concen: 20.821 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



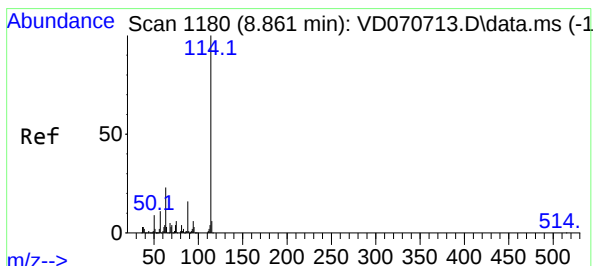
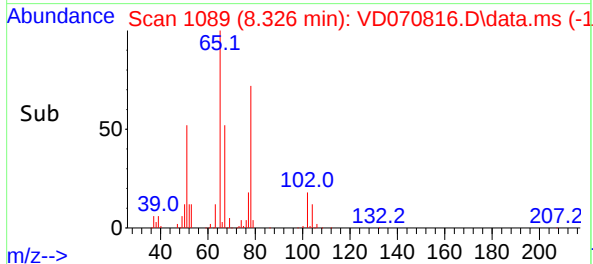
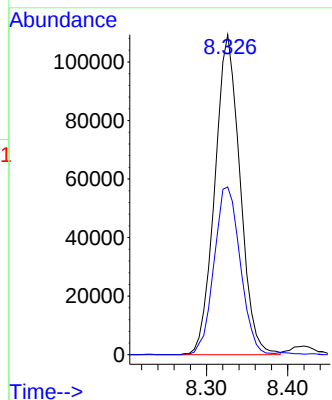
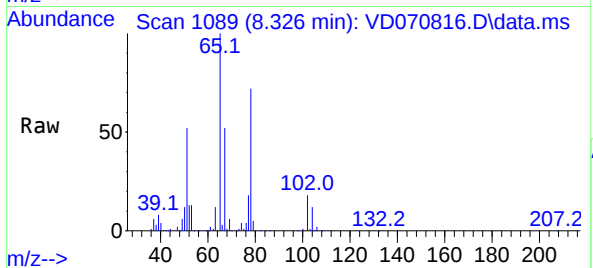
Tgt Ion: 97 Resp: 167766
Ion Ratio Lower Upper
97 100
99 65.2 50.7 76.1
61 48.1 32.5 48.7





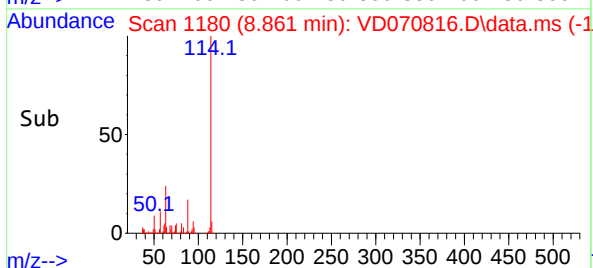
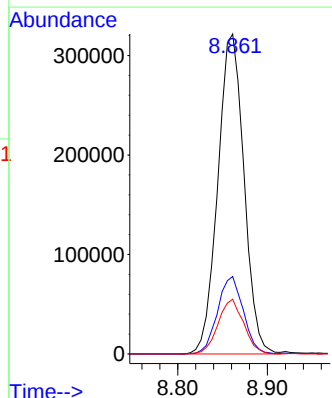
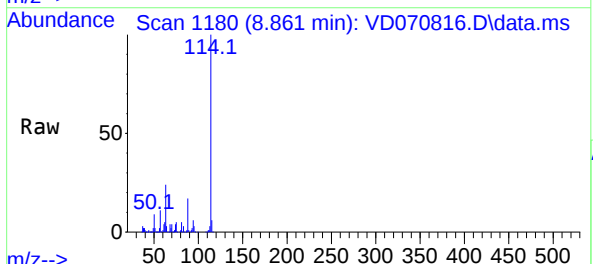
#33
1,2-Dichloroethane-d4
Concen: 51.090 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 65 Resp: 235727
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 114 Resp: 650664
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 17.1 0.0 32.6

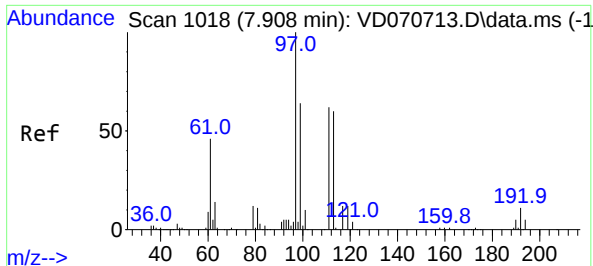


Instrument :
MSVOA_D
ClientSampleId :
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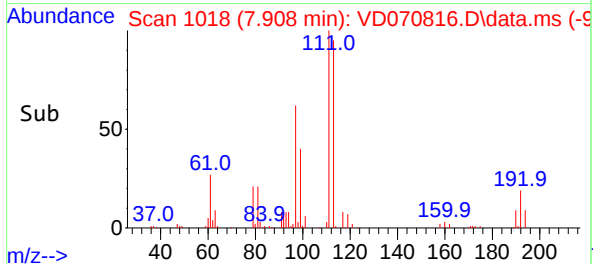
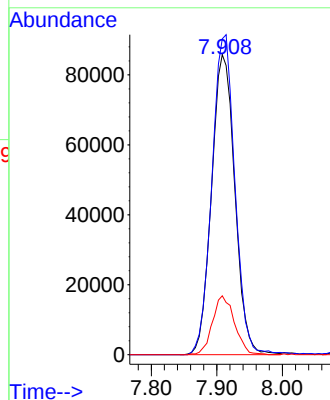
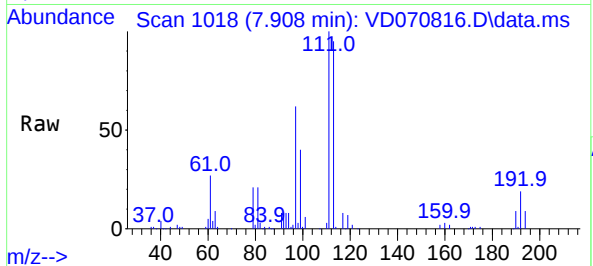


#35
Dibromofluoromethane
Concen: 50.760 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:113 Resp: 211479
Ion Ratio Lower Upper
113 100
111 105.5 83.1 124.7
192 18.5 12.7 19.1

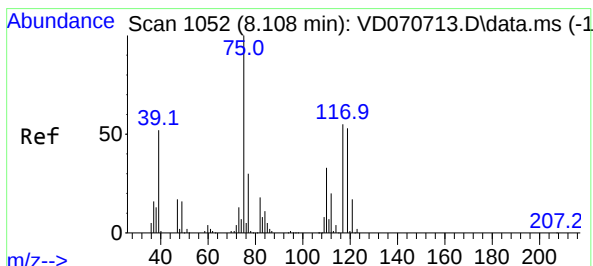
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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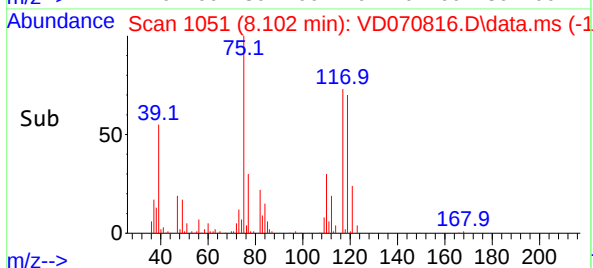
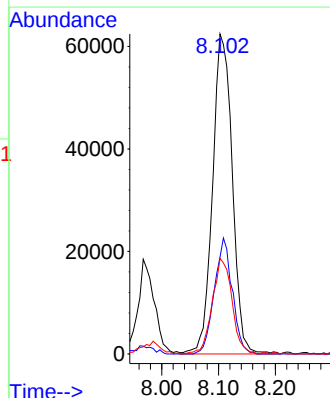
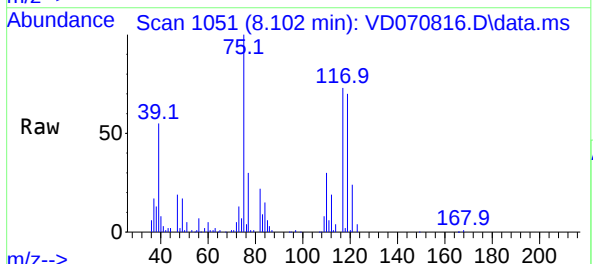
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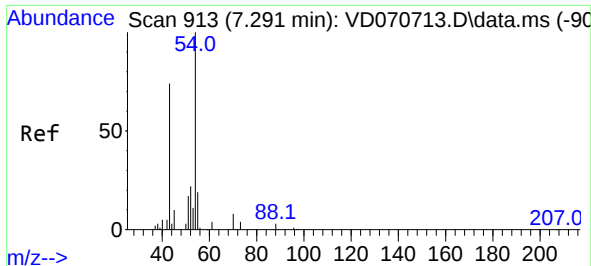
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#36
1,1-Dichloropropene
Concen: 20.755 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

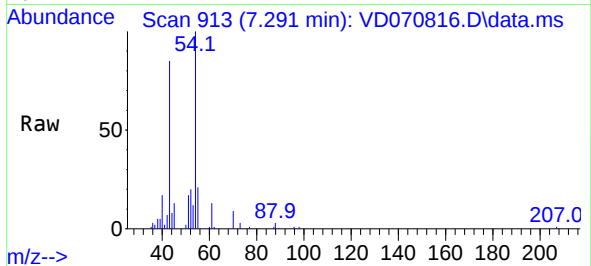
Tgt Ion: 75 Resp: 150441
Ion Ratio Lower Upper
75 100
110 33.0 17.2 51.6
77 29.7 24.2 36.4





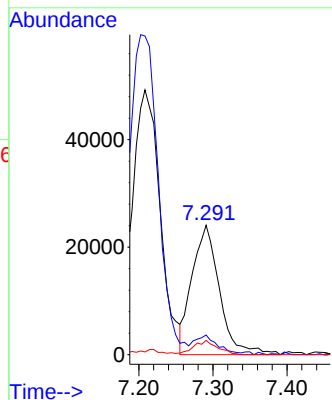
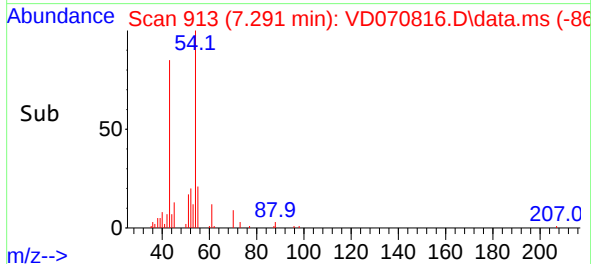
#37
Ethyl Acetate
Concen: 20.681 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01



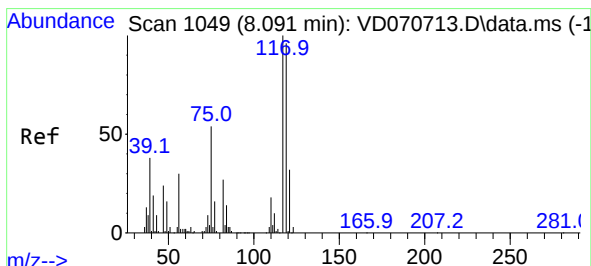
Tgt Ion: 43 Resp: 62106
Ion Ratio Lower Upper
43 100
61 10.7 12.9 19.3#
70 9.5 9.9 14.9#

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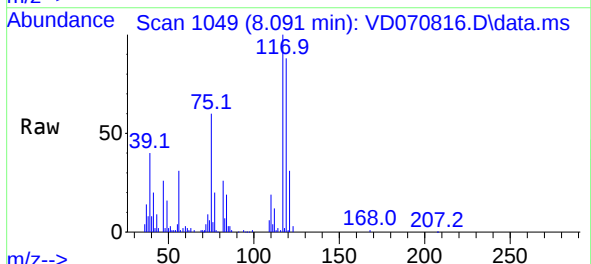


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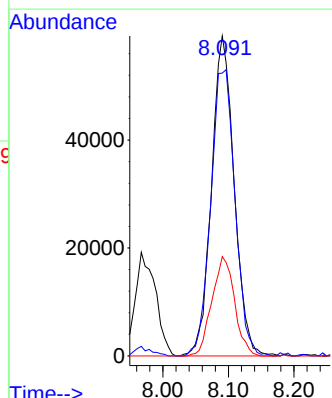
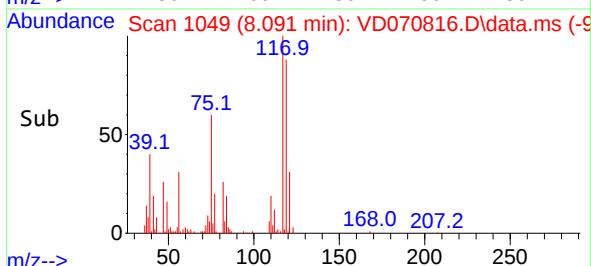
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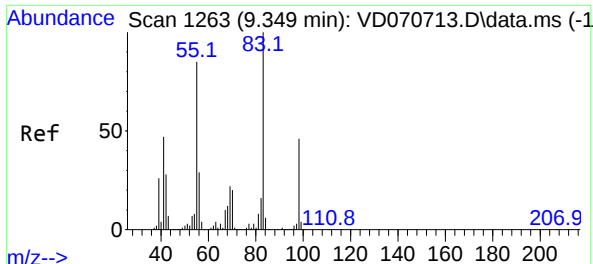


#38
Carbon Tetrachloride
Concen: 20.468 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

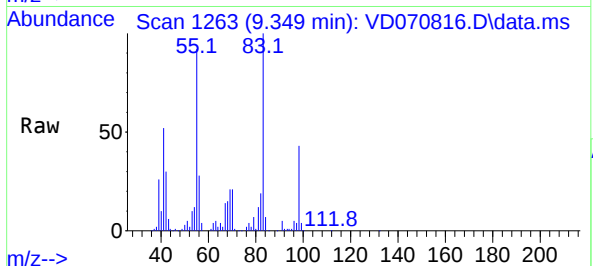


Tgt Ion: 117 Resp: 142098
Ion Ratio Lower Upper
117 100
119 88.4 77.4 116.0
121 31.1 25.4 38.0

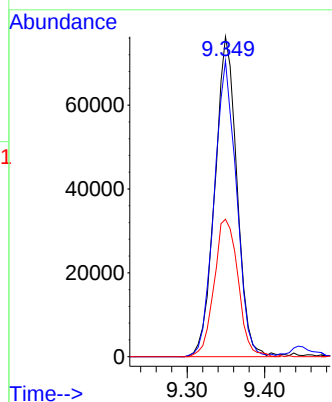




#39
Methylcyclohexane
Concen: 18.517 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 83 Resp: 151363
Ion Ratio Lower Upper
83 100
55 92.4 58.2 87.4#
98 43.0 36.9 55.3

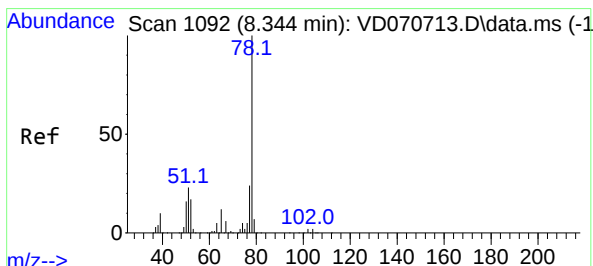


Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

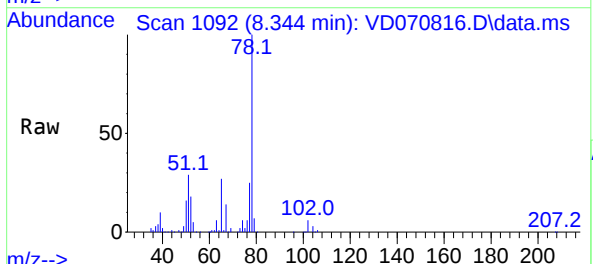
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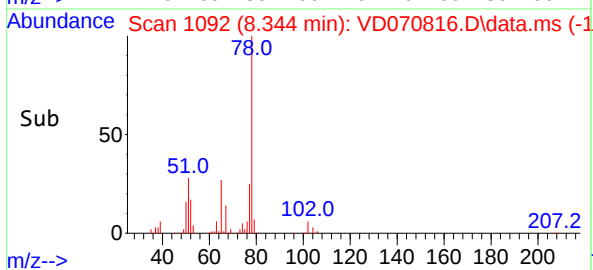
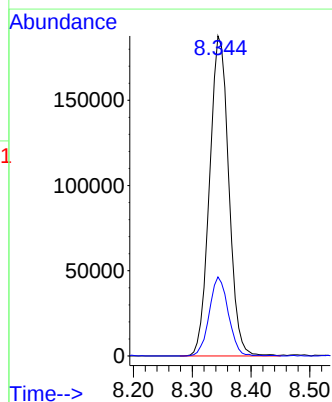
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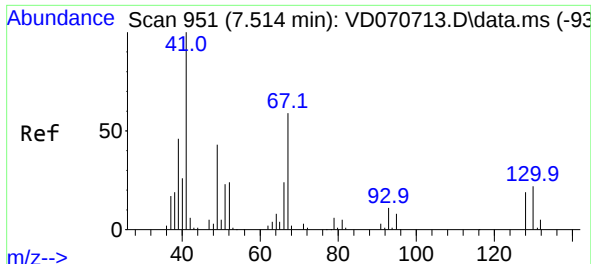


#40
Benzene
Concen: 20.415 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 78 Resp: 426185
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3



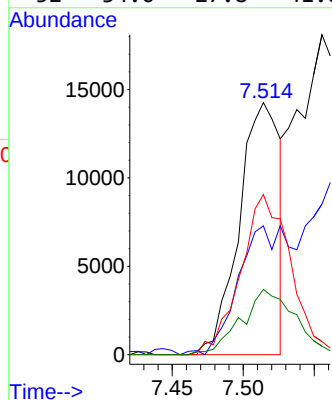
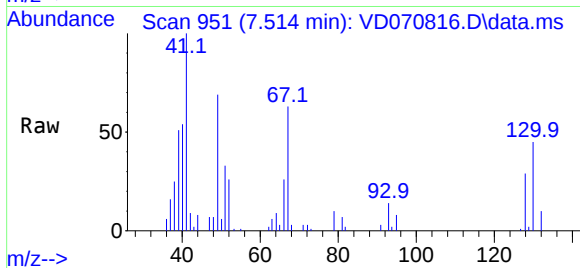


#41
Methacrylonitrile
Concen: 16.353 ug/l
RT: 7.514 min Scan# 951
Delta R.T. 0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	41	Resp:	28391
Ion	Ratio	Lower	Upper
41	100		
39	68.1	45.2	67.8#
67	79.1	75.8	113.6
52	34.0	27.8	41.8

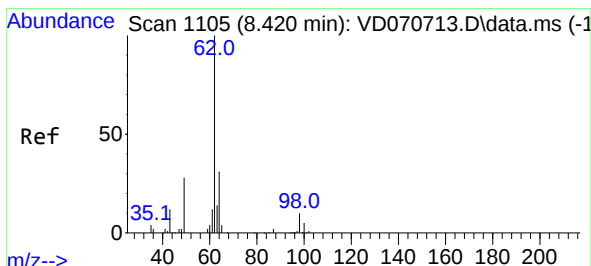
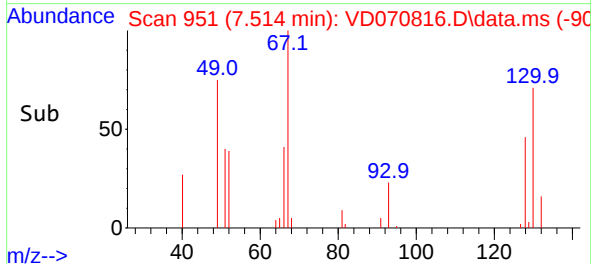
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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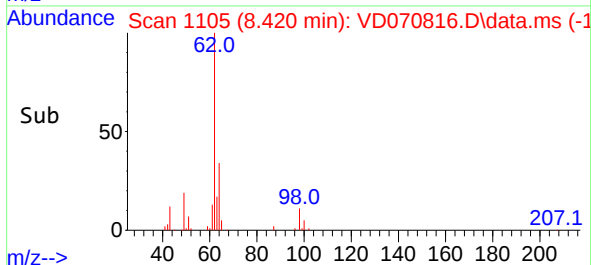
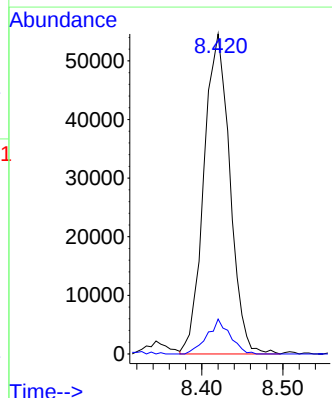
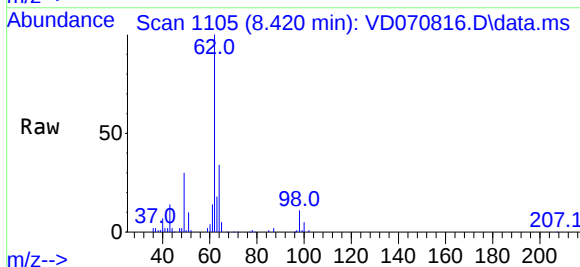
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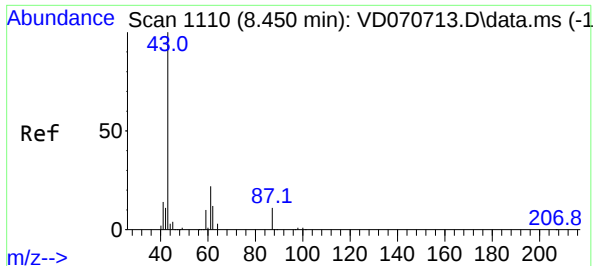
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#42
1,2-Dichloroethane
Concen: 20.519 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	62	Resp:	121569
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	22.0



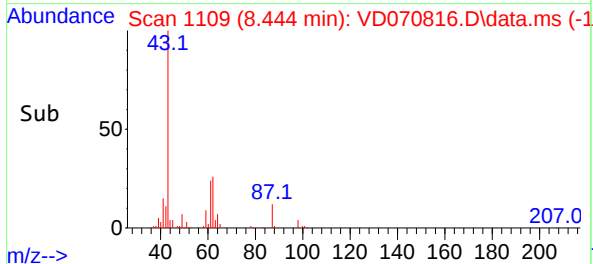
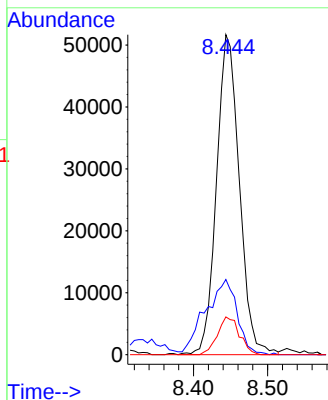
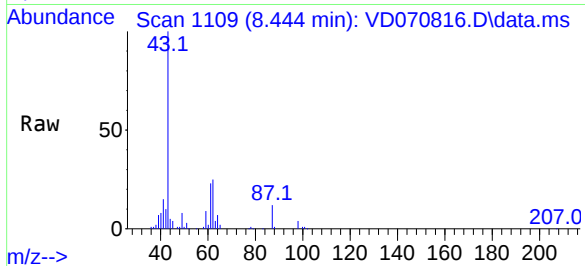


#43
Isopropyl Acetate
Concen: 19.285 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 43 Resp: 110474
Ion Ratio Lower Upper
43 100
61 32.8 29.0 43.4
87 11.4 11.8 17.6#

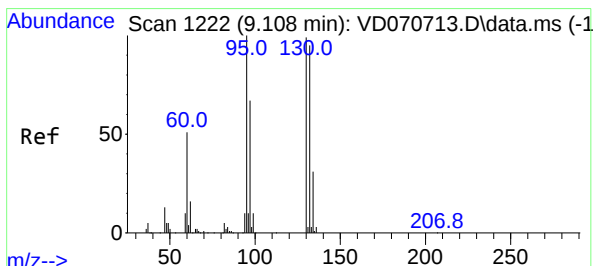
Instrument :
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ClientSampleId :
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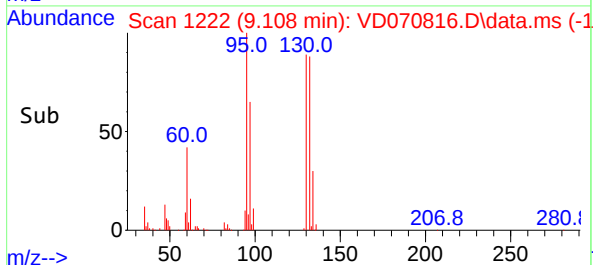
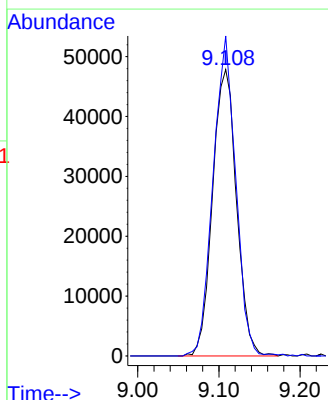
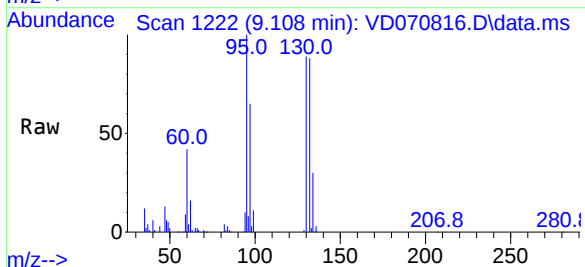
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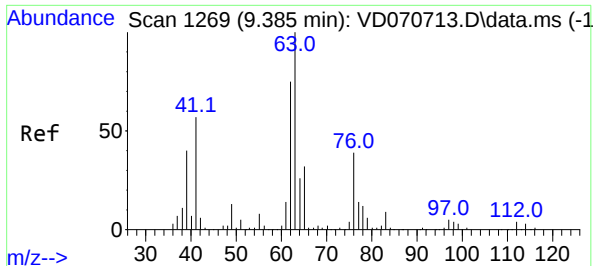
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#44
Trichloroethene
Concen: 20.060 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:130 Resp: 98337
Ion Ratio Lower Upper
130 100
95 111.7 0.0 200.8

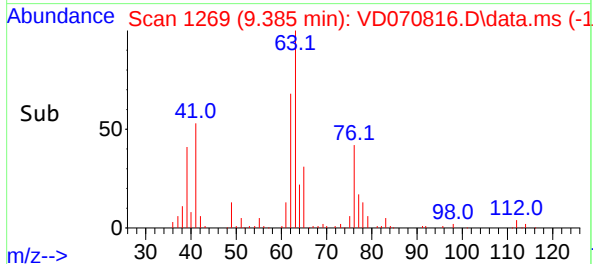
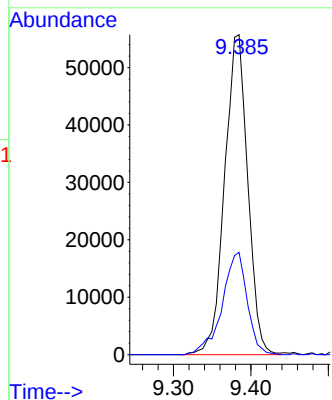
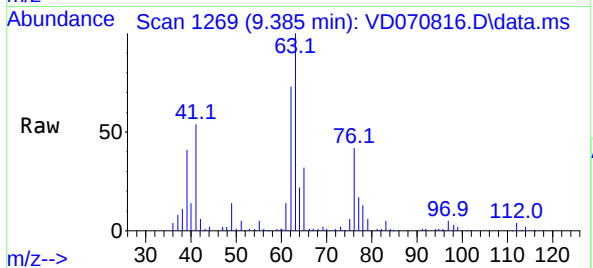




#45

1,2-Dichloropropane
Concen: 20.973 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 63 Resp: 115678
Ion Ratio Lower Upper
63 100
65 31.9 23.8 35.8

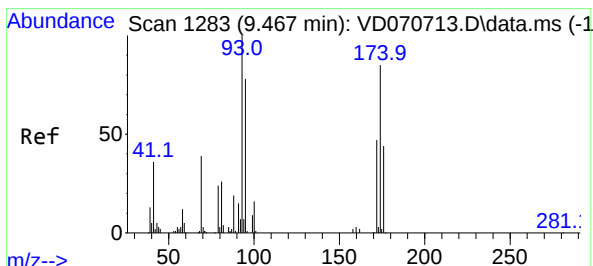


Instrument :
MSVOA_D
ClientSampleId :
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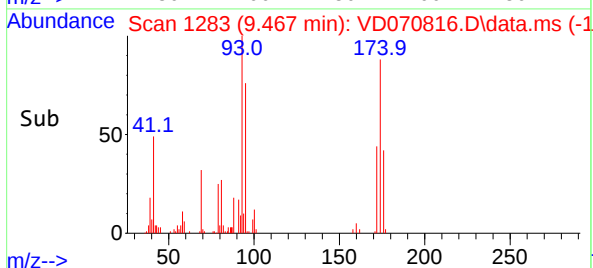
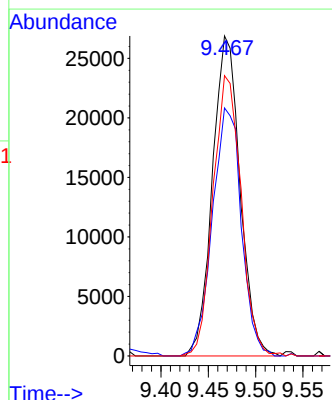
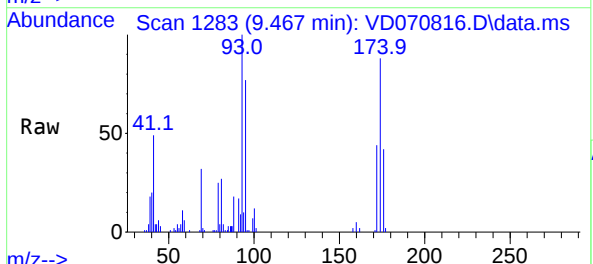
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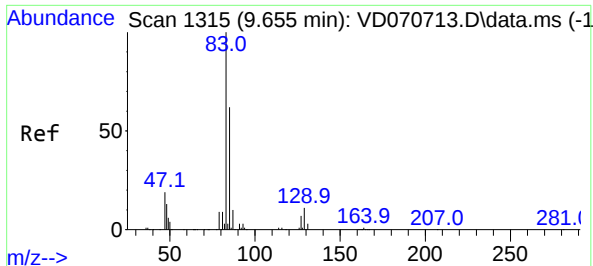


#46

Dibromomethane
Concen: 20.590 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 93 Resp: 54385
Ion Ratio Lower Upper
93 100
95 81.3 66.5 99.7
174 89.1 66.7 100.1



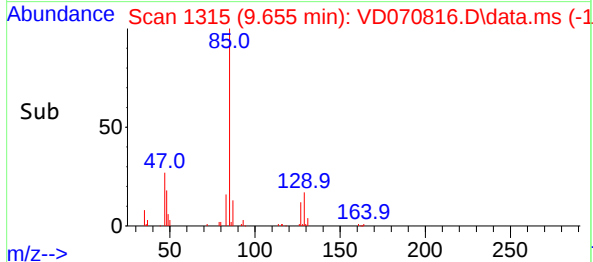
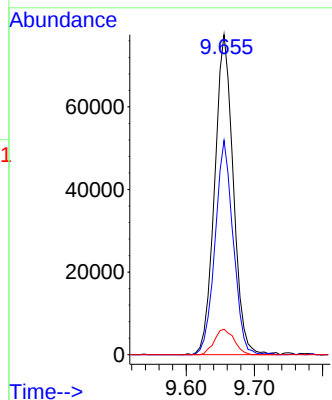
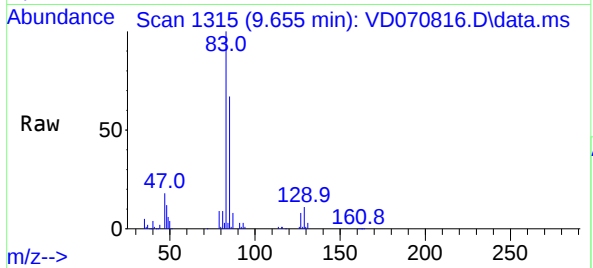


#47
Bromodichloromethane
Concen: 21.027 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 83 Resp: 147332
Ion Ratio Lower Upper
83 100
85 67.0 50.7 76.1
127 8.0 6.5 9.7

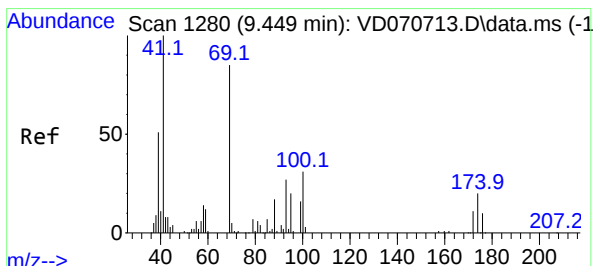
Instrument :
MSVOA_D
ClientSampleId :
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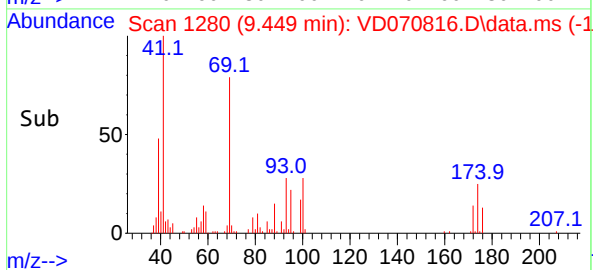
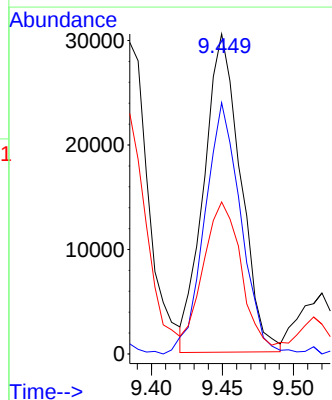
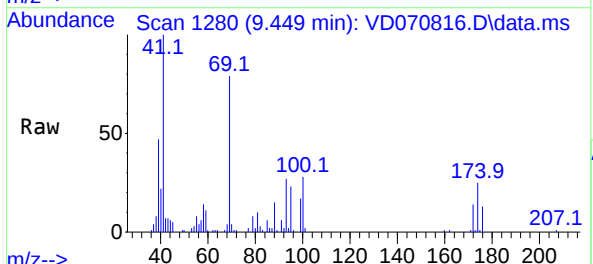
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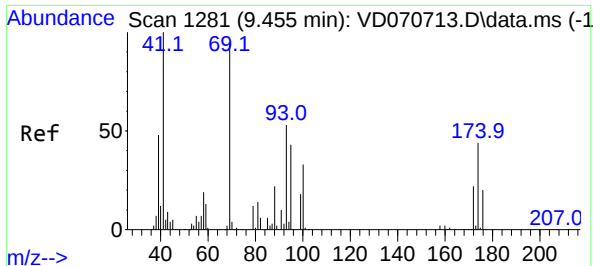
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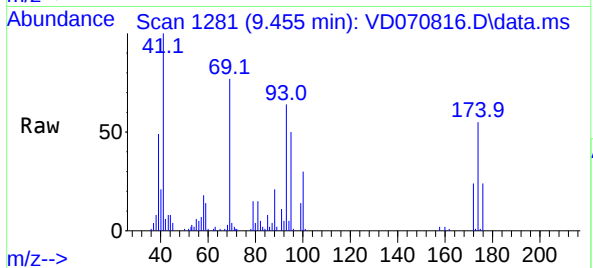
#48
Methyl methacrylate
Concen: 19.556 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 41 Resp: 54877
Ion Ratio Lower Upper
41 100
69 77.8 78.5 117.7#
39 48.6 34.9 52.3

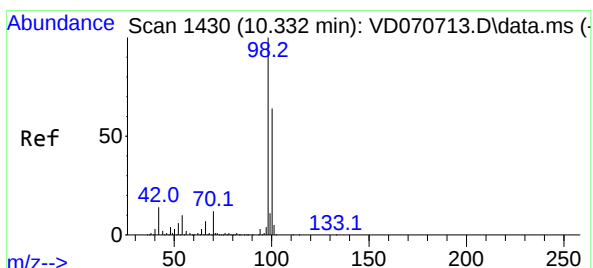
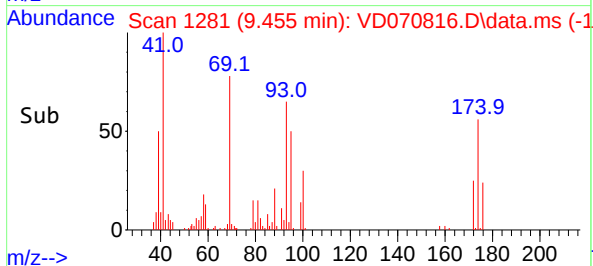
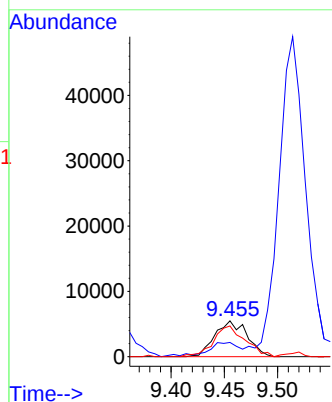




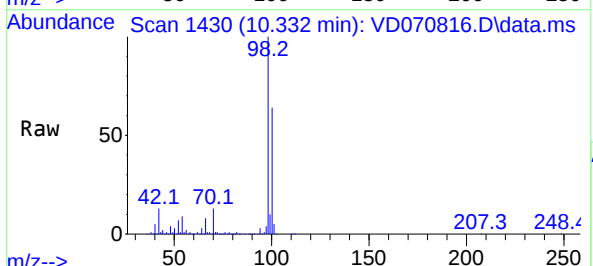
#49
1,4-Dioxane
Concen: 407.428 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



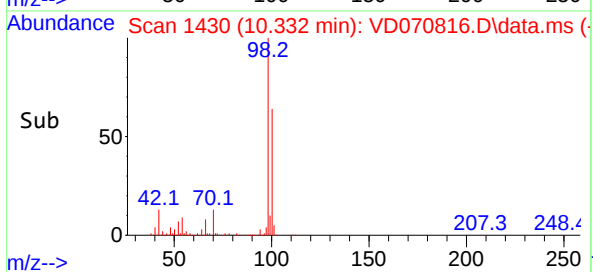
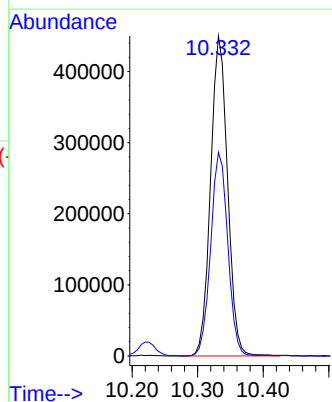
Tgt Ion: 88 Resp: 11555
Ion Ratio Lower Upper
88 100
43 39.0 25.1 37.7#
58 84.3 57.4 86.0



#50
Toluene-d8
Concen: 50.771 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 98 Resp: 810840
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4

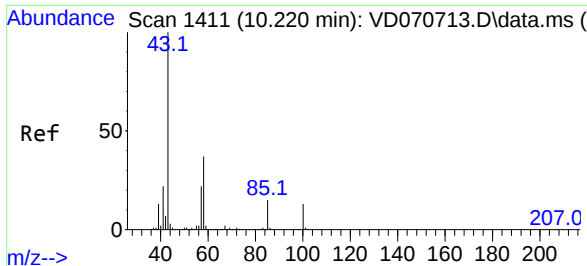


Instrument :
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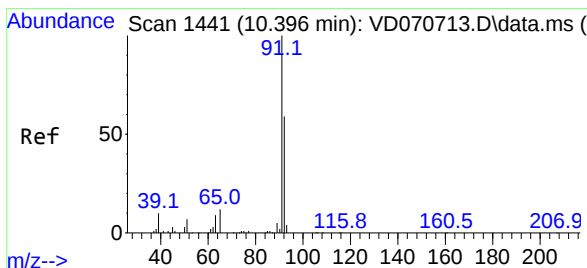
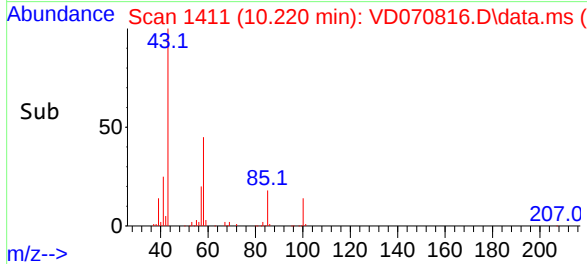
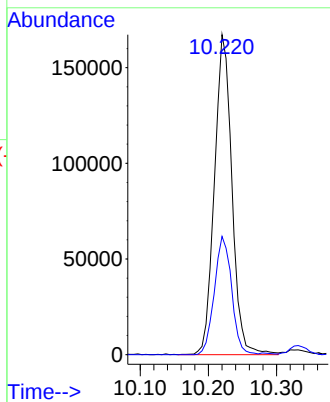
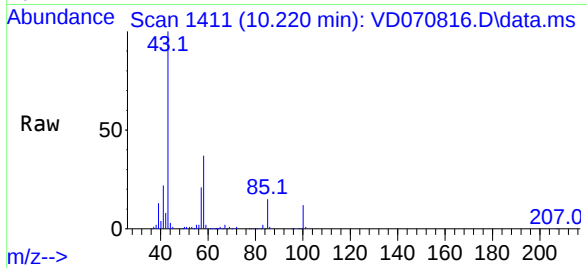
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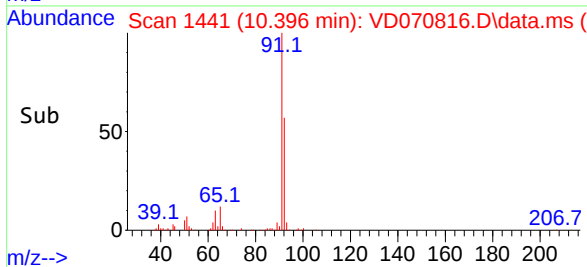
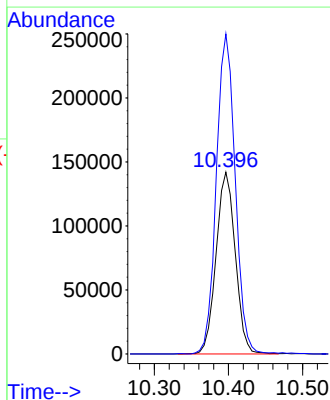
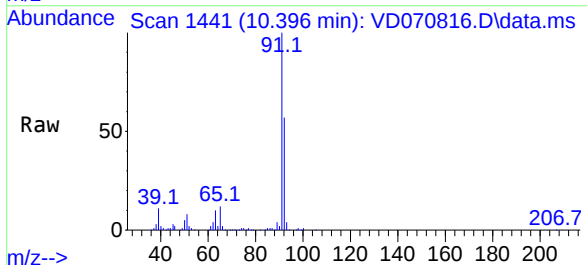
#51
4-Methyl-2-Pentanone
Concen: 99.118 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 43 Resp: 299273
Ion Ratio Lower Upper
43 100
58 36.5 35.0 52.6



#52
Toluene
Concen: 20.563 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 92 Resp: 255572
Ion Ratio Lower Upper
92 100
91 173.6 136.3 204.5

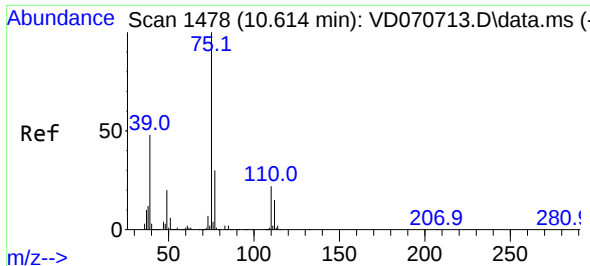


Instrument :
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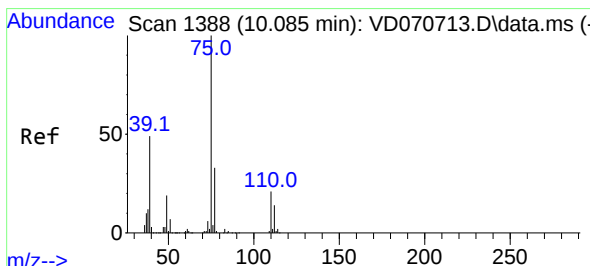
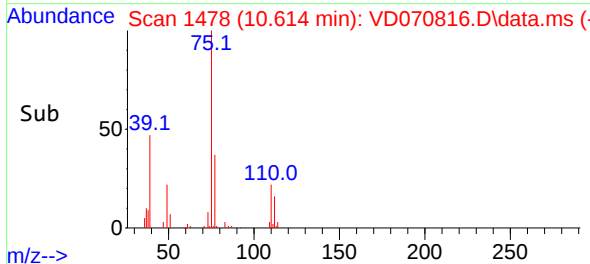
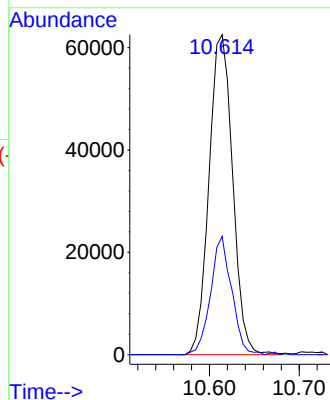
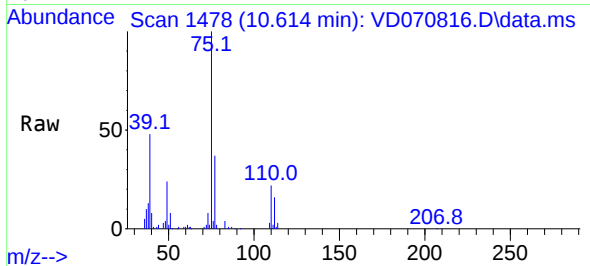


#53
t-1,3-Dichloropropene
Concen: 18.269 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 75 Resp: 114337
Ion Ratio Lower Upper
75 100
77 37.0 25.5 38.3

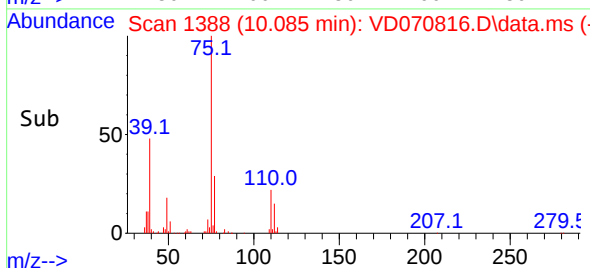
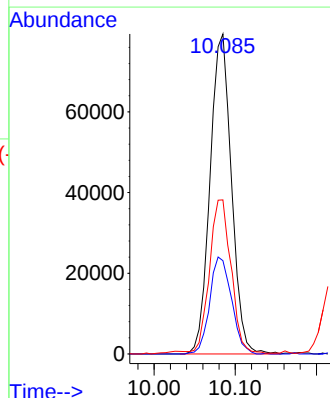
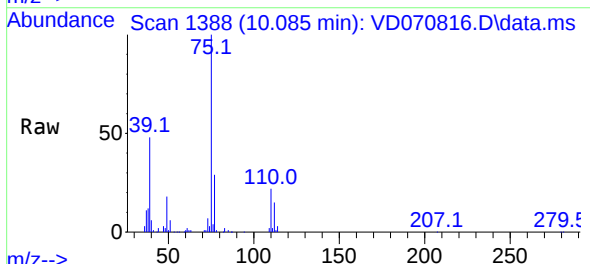
Instrument :
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ClientSampleId :
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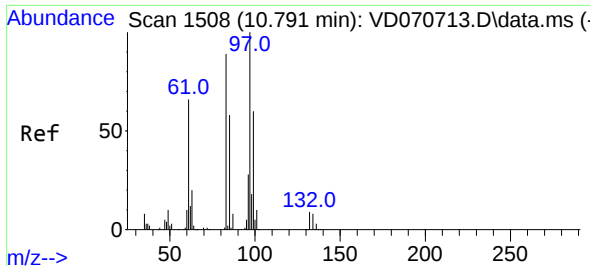
#54
cis-1,3-Dichloropropene
Concen: 19.378 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 75 Resp: 145181
Ion Ratio Lower Upper
75 100
77 29.1 25.2 37.8
39 47.8 27.8 41.6#



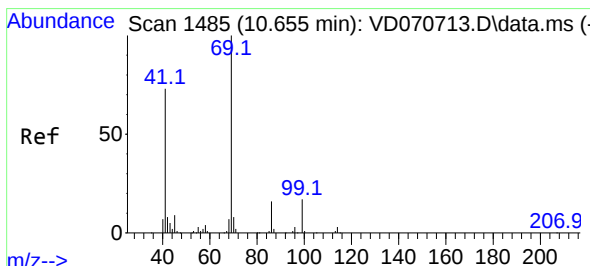
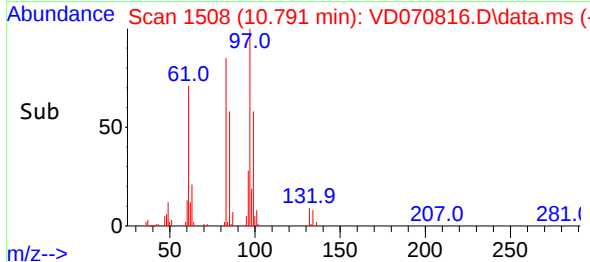
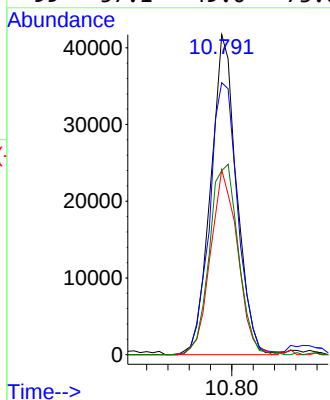
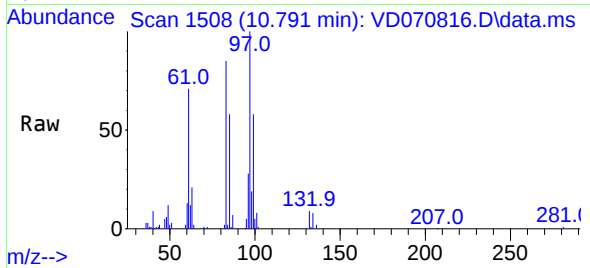
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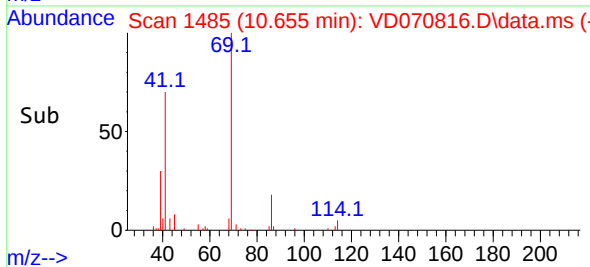
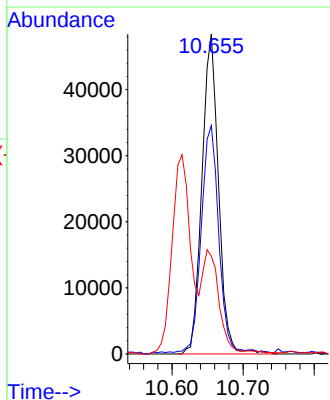
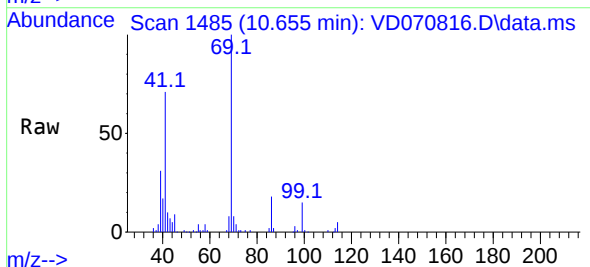
#55
1,1,2-Trichloroethane
Concen: 19.456 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	97	Resp:	70578
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.1	103.7
85	57.8	43.0	64.6
99	57.1	49.0	73.6



#56
Ethyl methacrylate
Concen: 18.821 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	69	Resp:	78938
Ion	Ratio	Lower	Upper
69	100		
41	74.2	44.7	67.1#
39	32.1	19.5	29.3#

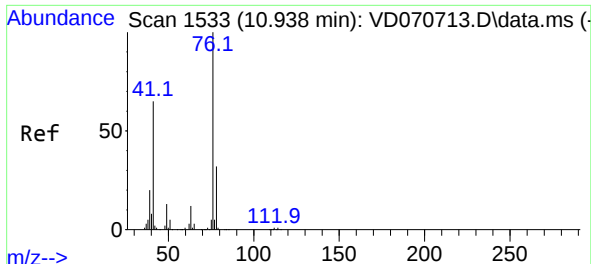


Instrument :
MSVOA_D
ClientSampleId :
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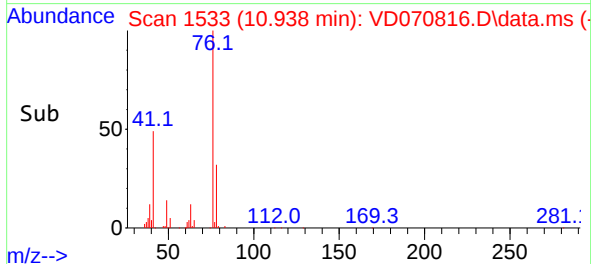
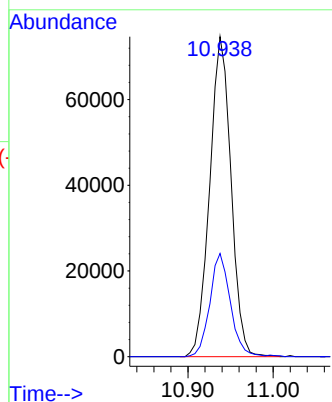
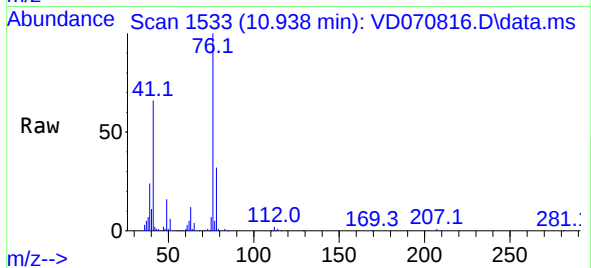
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#57
1,3-Dichloropropane
Concen: 20.197 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 76 Resp: 129993
Ion Ratio Lower Upper
76 100
78 31.0 25.3 37.9

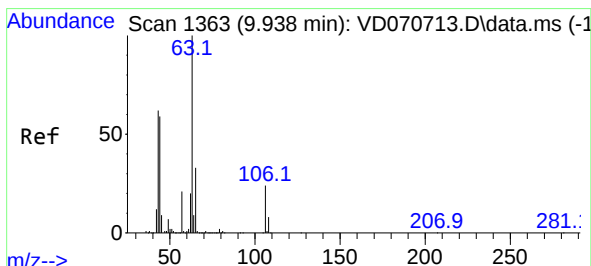


Instrument :
MSVOA_D
ClientSampleId :
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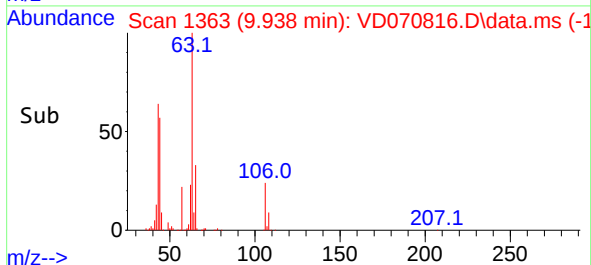
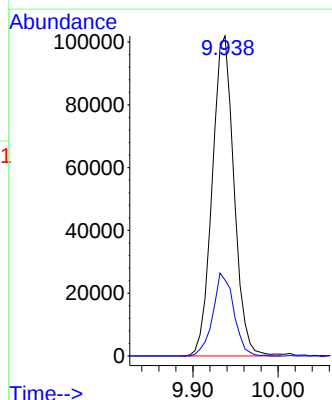
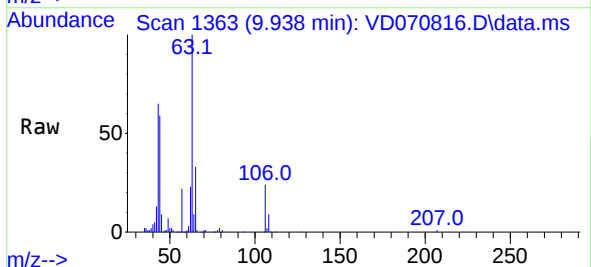
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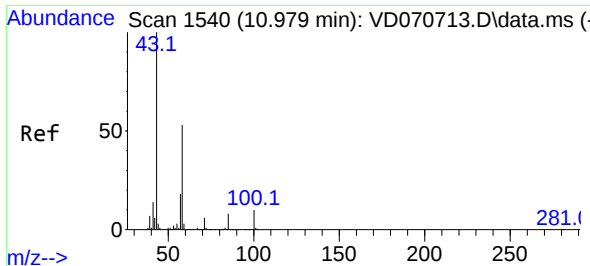
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#58
2-Chloroethyl Vinyl ether
Concen: 94.536 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 63 Resp: 180620
Ion Ratio Lower Upper
63 100
106 24.9 22.3 33.5



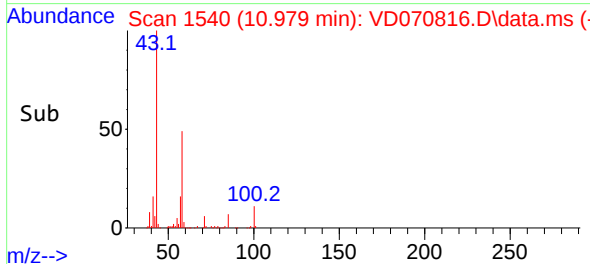
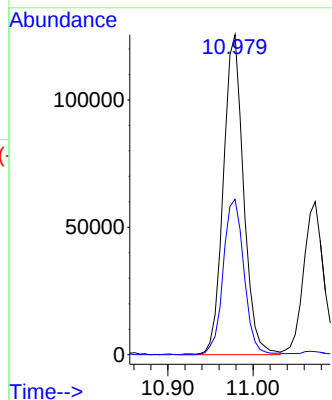
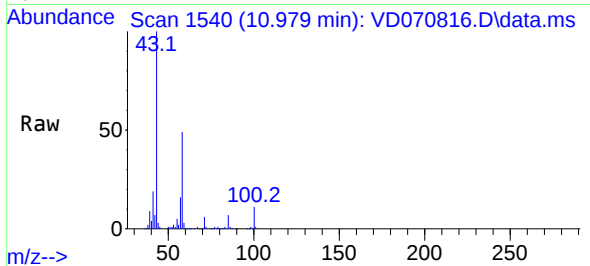


#59
2-Hexanone
Concen: 97.552 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 43 Resp: 207320
Ion Ratio Lower Upper
43 100
58 50.1 30.4 91.3

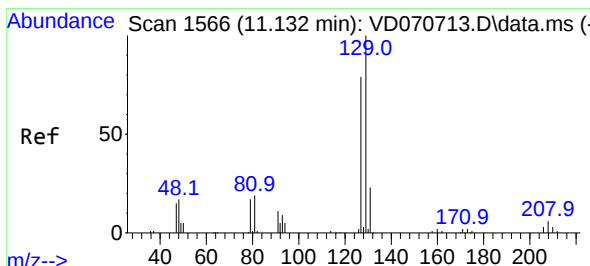
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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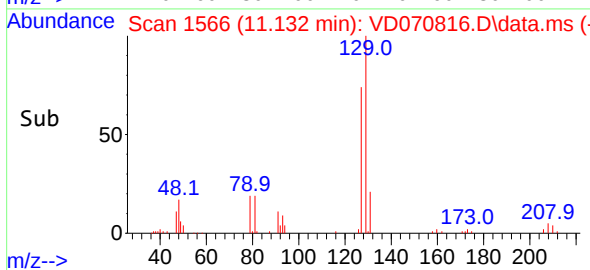
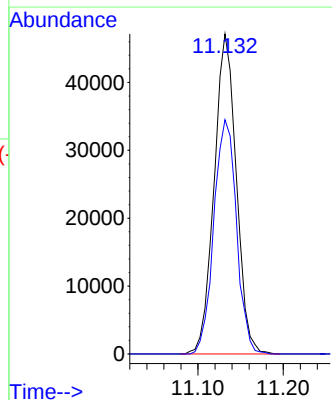
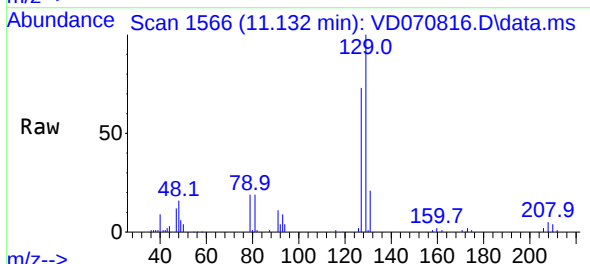
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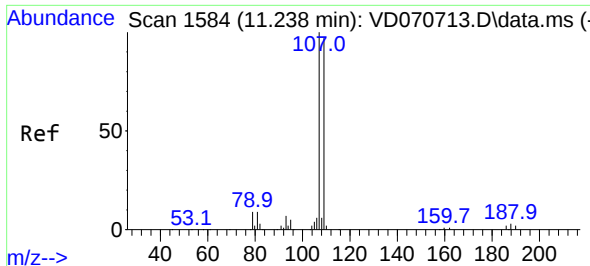
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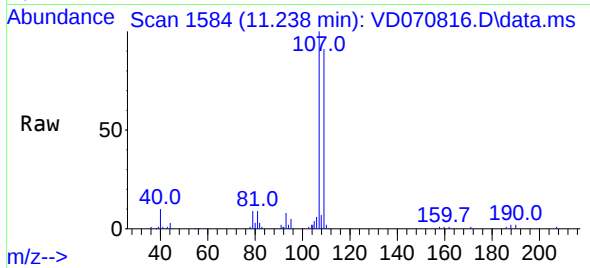
#60
Dibromochloromethane
Concen: 20.419 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 129 Resp: 85129
Ion Ratio Lower Upper
129 100
127 74.7 38.6 115.8

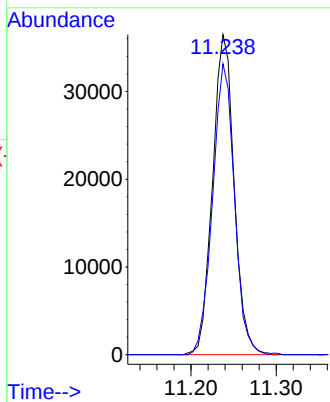
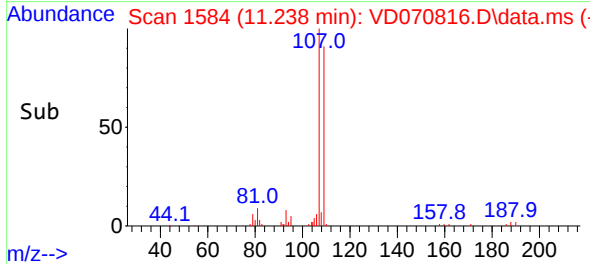




#61
1,2-Dibromoethane
Concen: 19.304 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion:107 Resp: 64069
Ion Ratio Lower Upper
107 100
109 92.1 75.0 112.6

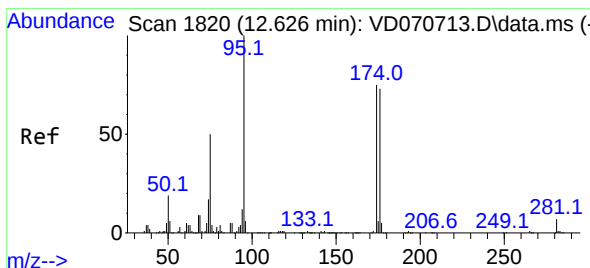


Instrument :
MSVOA_D
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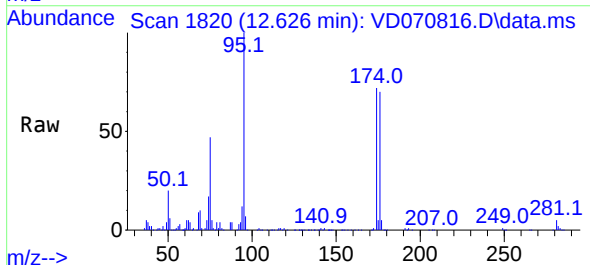
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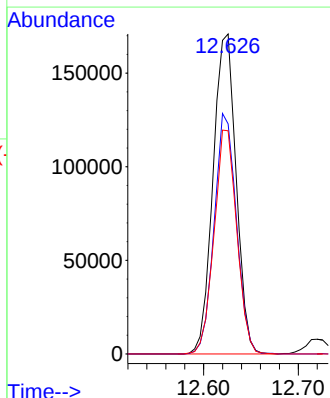
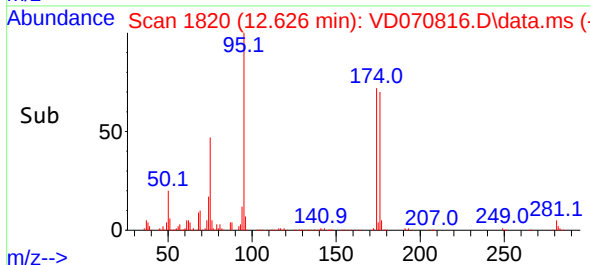
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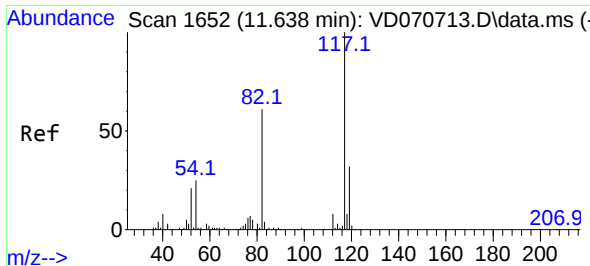


#62
4-Bromofluorobenzene
Concen: 52.603 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



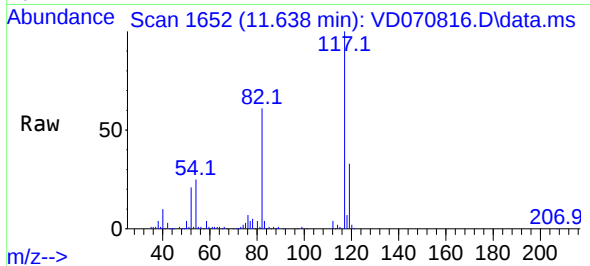
Tgt Ion: 95 Resp: 289271
Ion Ratio Lower Upper
95 100
174 72.5 0.0 138.0
176 68.9 0.0 135.6





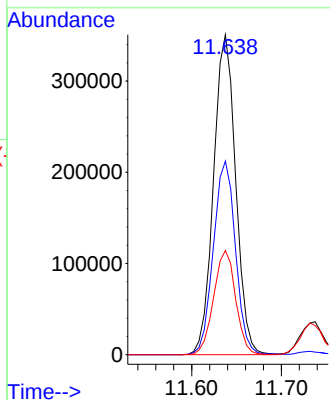
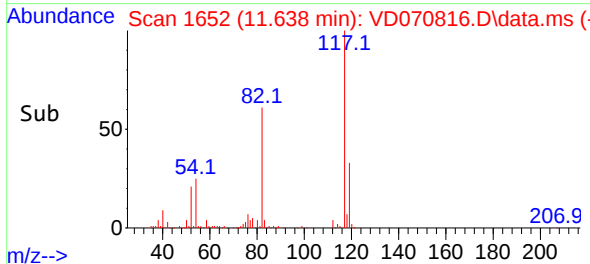
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01



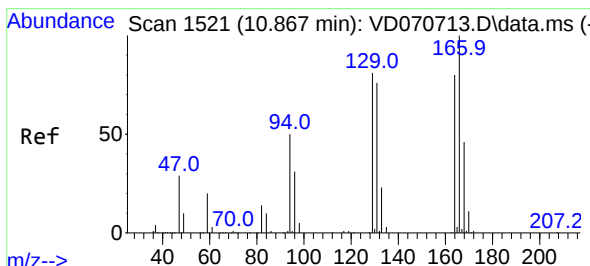
Tgt Ion:117 Resp: 600869
Ion Ratio Lower Upper
117 100
82 60.5 45.4 68.2
119 32.6 24.7 37.1

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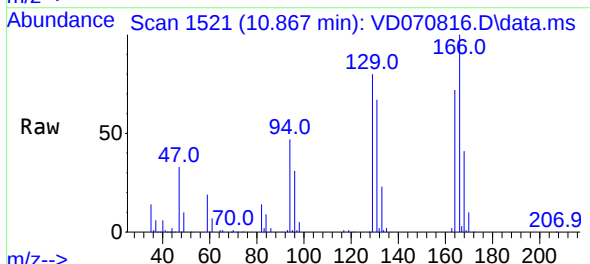


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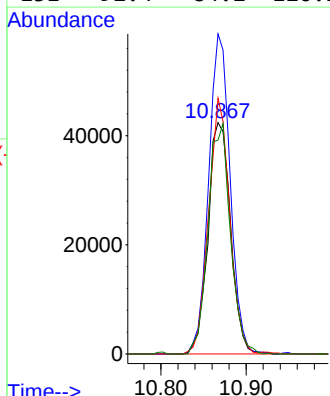
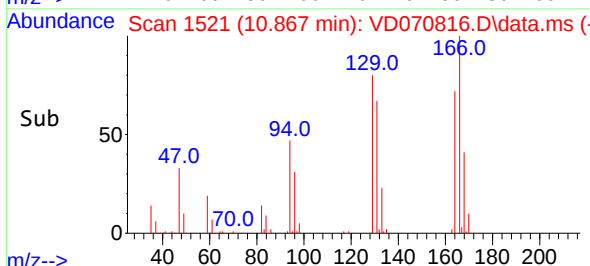
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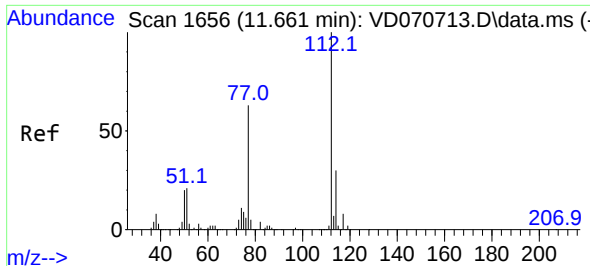


#64
Tetrachloroethene
Concen: 19.374 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



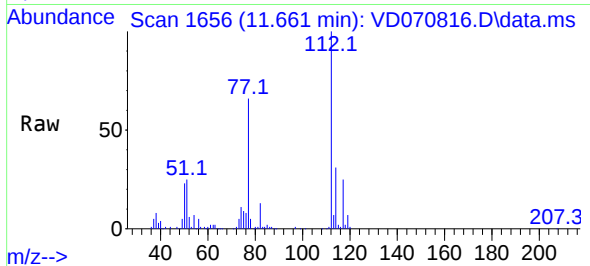
Tgt Ion:164 Resp: 78226
Ion Ratio Lower Upper
164 100
166 138.3 105.8 158.6
129 110.5 83.8 125.6
131 92.4 84.2 126.2





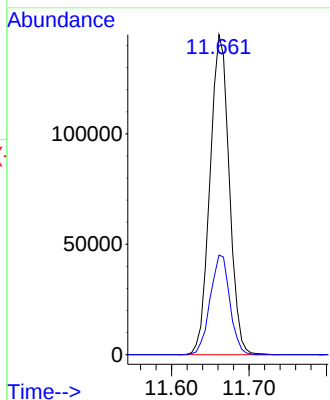
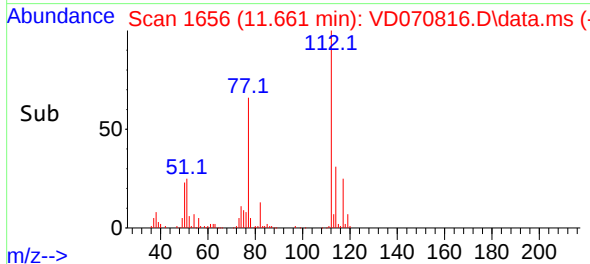
#65
Chlorobenzene
Concen: 20.293 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01



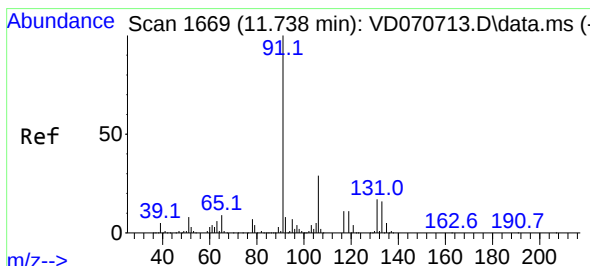
Tgt Ion:112 Resp: 250073
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9

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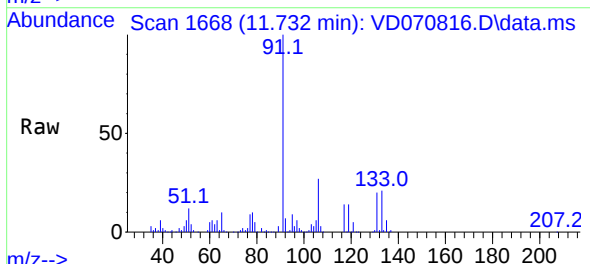


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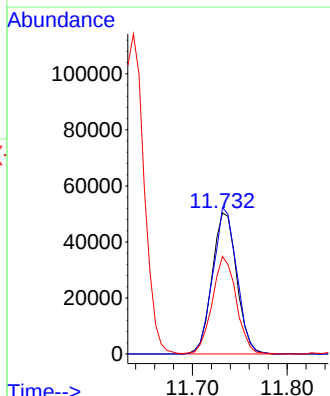
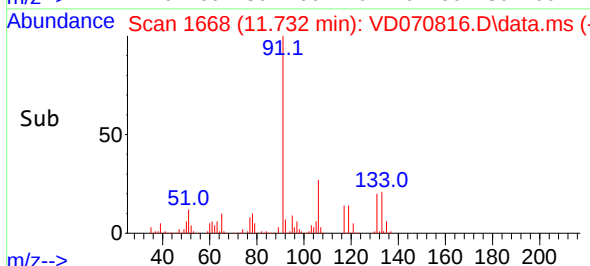
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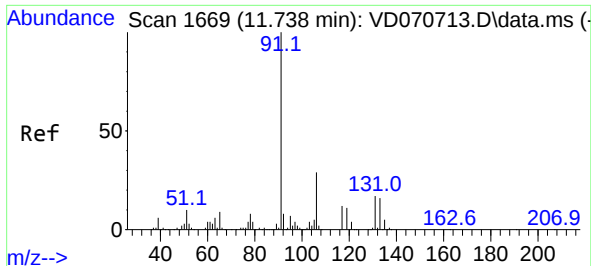


#66
1,1,1,2-Tetrachloroethane
Concen: 19.972 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion:131 Resp: 91063
Ion Ratio Lower Upper
131 100
133 100.8 46.8 140.3
119 67.5 32.6 97.7



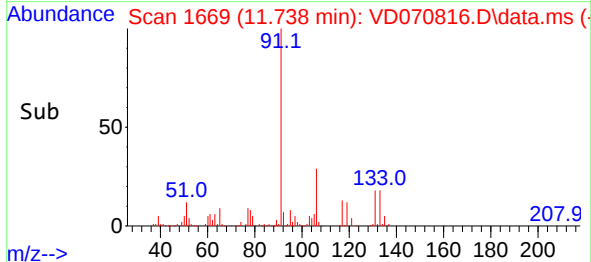
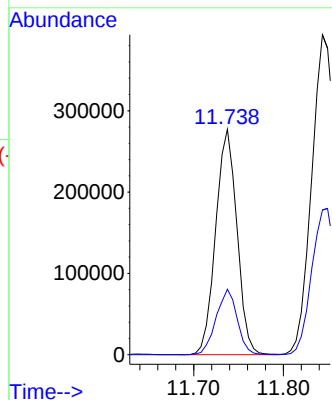
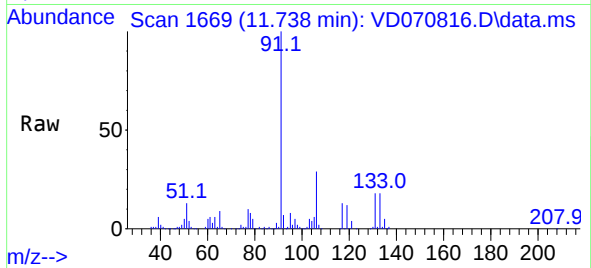


#67
Ethyl Benzene
Concen: 20.247 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 91 Resp: 456204
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.2

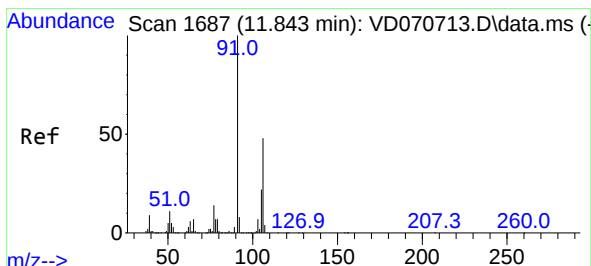
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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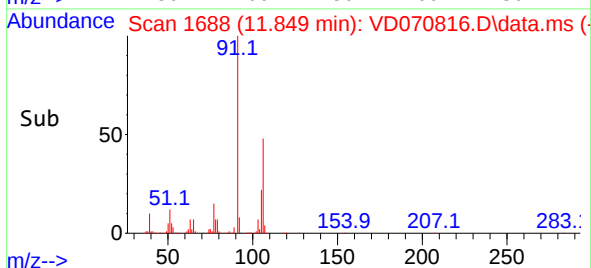
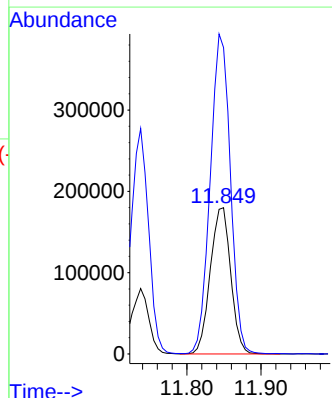
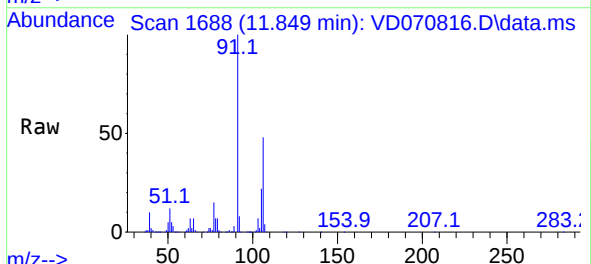
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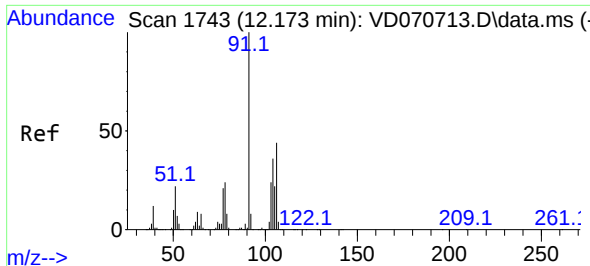
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#68
m/p-Xylenes
Concen: 40.358 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:106 Resp: 344498
Ion Ratio Lower Upper
106 100
91 215.5 162.7 244.1



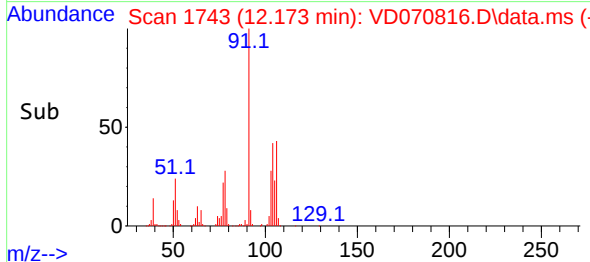
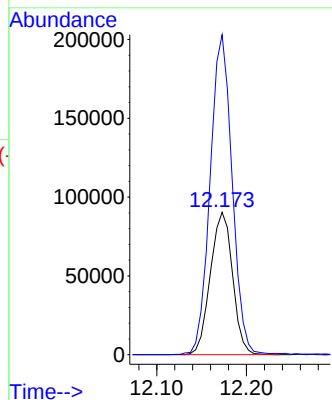
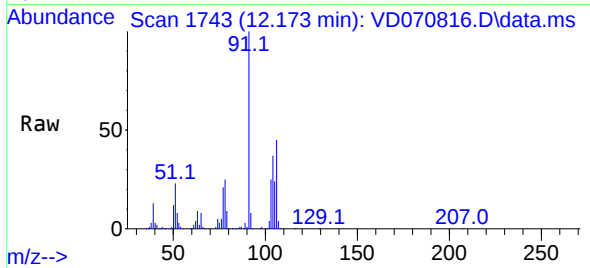


#69
o-Xylene
Concen: 20.054 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:106 Resp: 155291
Ion Ratio Lower Upper
106 100
91 223.4 107.8 323.6

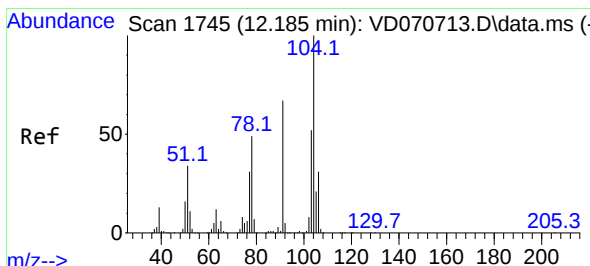
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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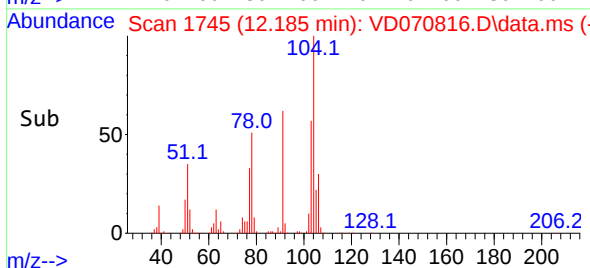
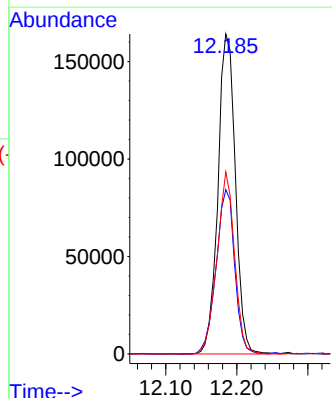
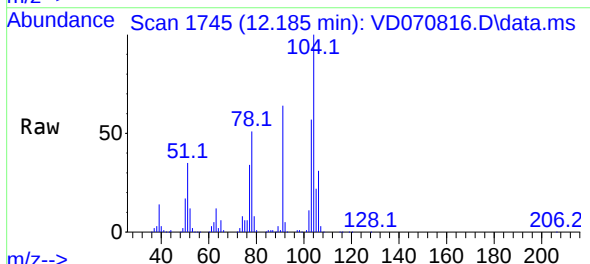
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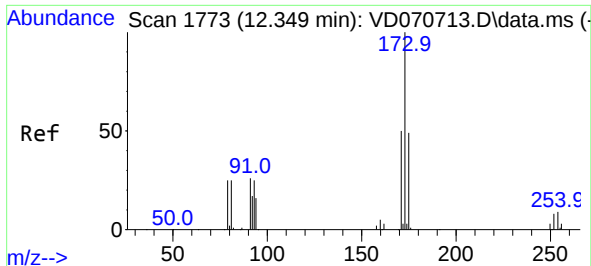
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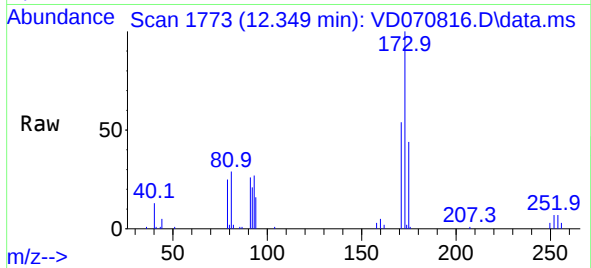
#70
Styrene
Concen: 20.768 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:104 Resp: 279540
Ion Ratio Lower Upper
104 100
78 54.4 39.8 59.6
103 57.3 43.4 65.2

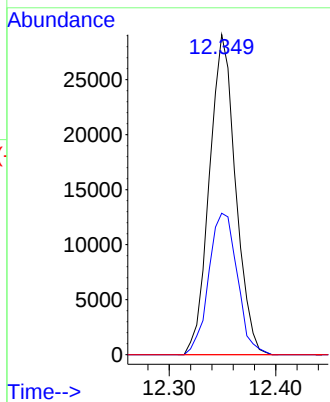
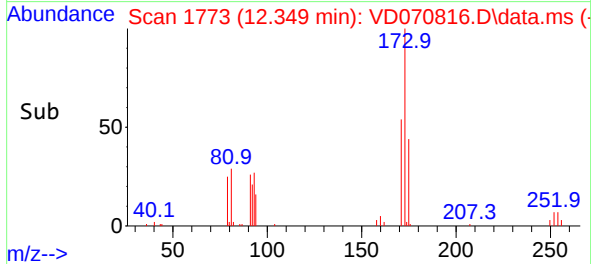




#71
Bromoform
Concen: 20.996 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion:173 Resp: 49711
Ion Ratio Lower Upper
173 100
175 48.2 24.4 73.4
254 0.0 0.0 0.0

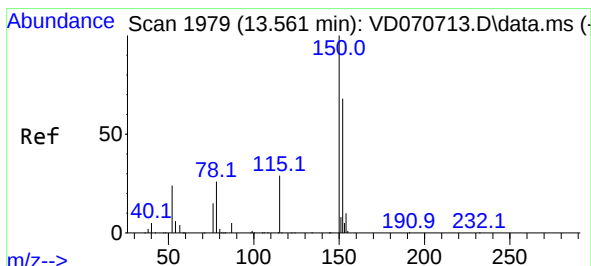


Instrument :
MSVOA_D
ClientSampleId :
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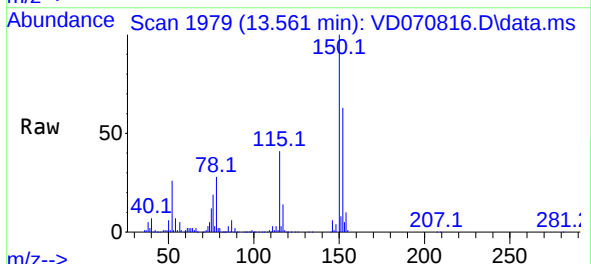
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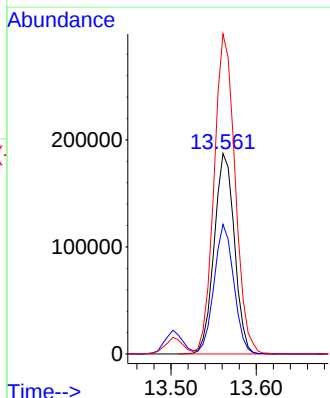
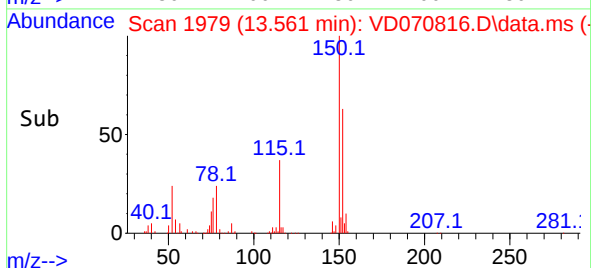
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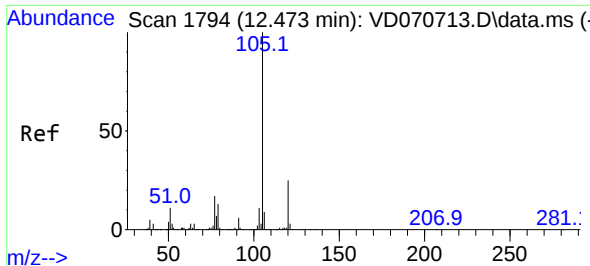


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion:152 Resp: 309817
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 165.6 0.0 350.0



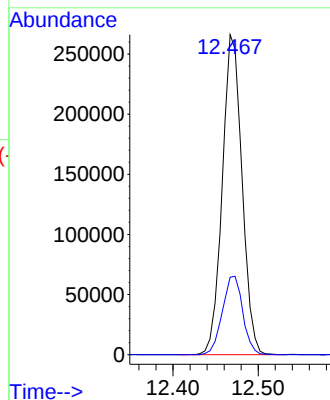
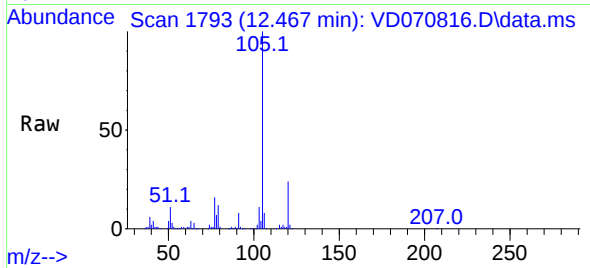


#73
Isopropylbenzene
Concen: 19.409 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 105 Resp: 428471
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

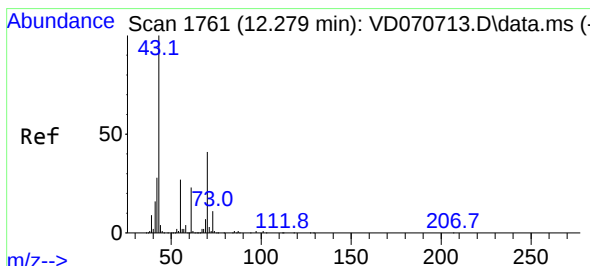
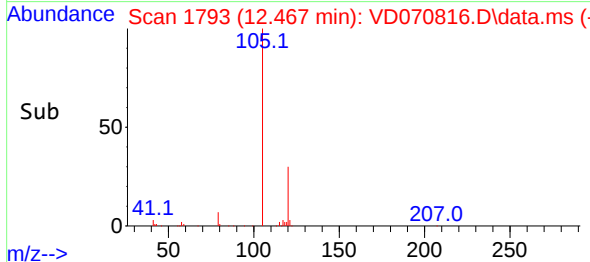
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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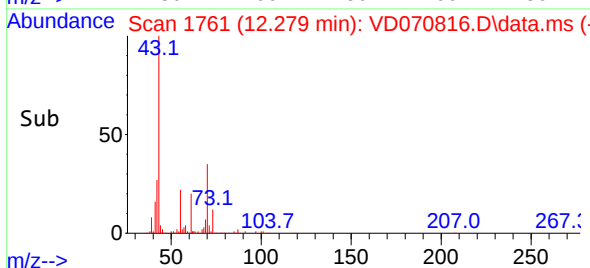
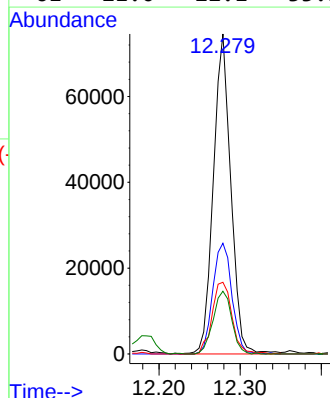
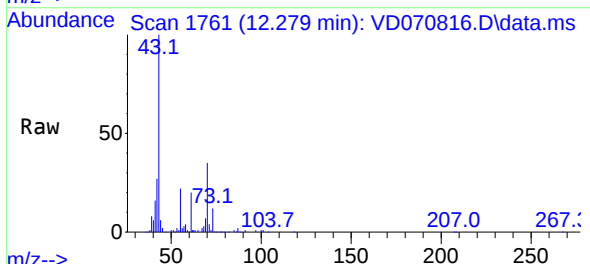
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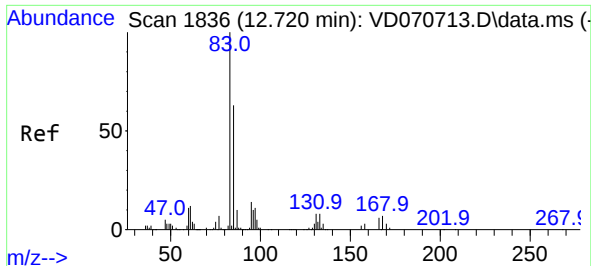
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#74
N-ethyl acetate
Concen: 19.374 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 43 Resp: 111341
Ion Ratio Lower Upper
43 100
70 37.9 40.0 60.0#
55 25.6 23.8 35.6
61 21.0 22.1 33.1#



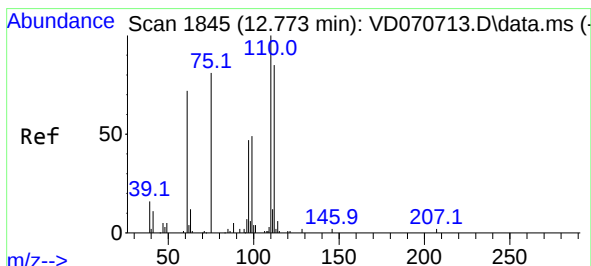
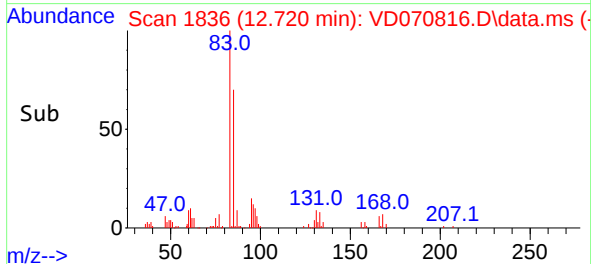
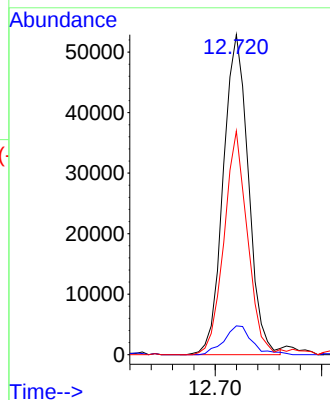
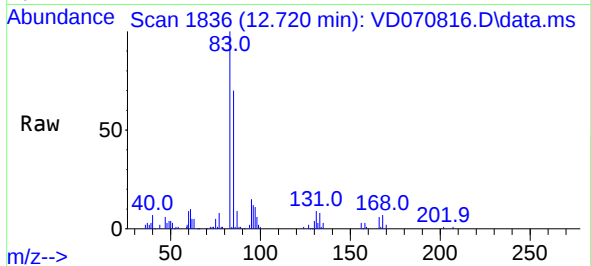


#75
1,1,2,2-Tetrachloroethane
Concen: 19.835 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	83	Resp:	86615
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	65.4	31.9	95.7

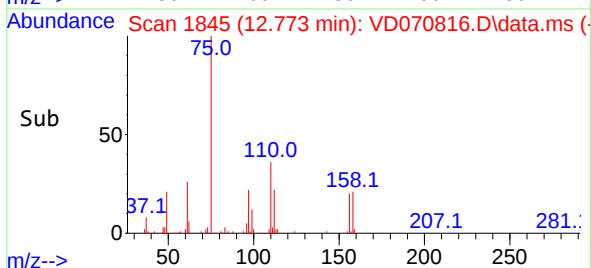
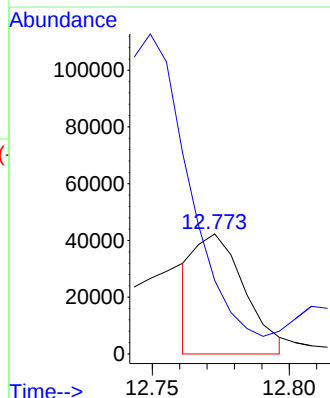
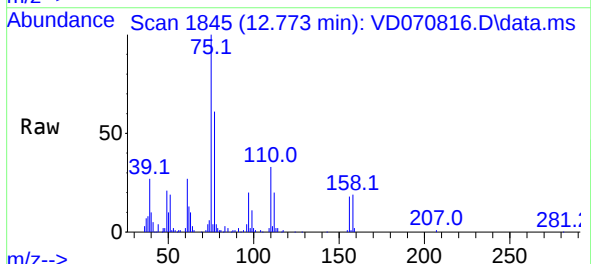
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

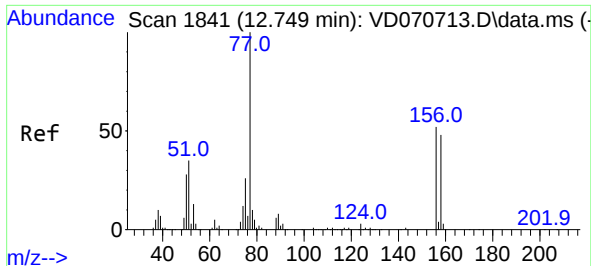
Manual Integrations
APPROVED



#76
1,2,3-Trichloropropane
Concen: 20.153 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	75	Resp:	53944
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



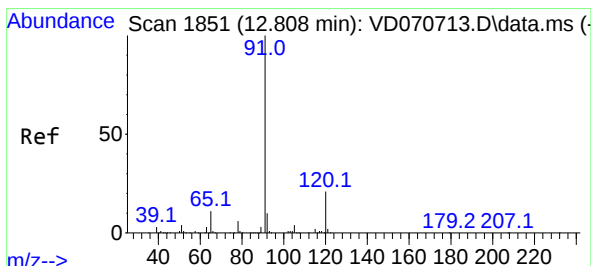
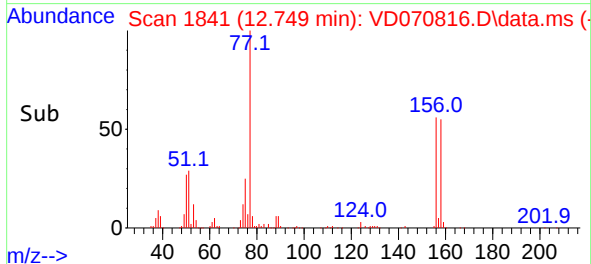
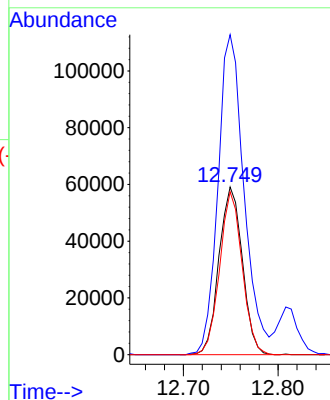
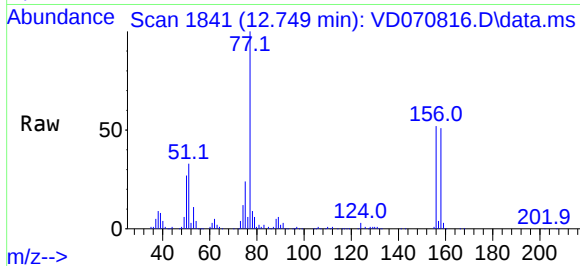


#77
Bromobenzene
Concen: 20.266 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:156 Resp: 101284
Ion Ratio Lower Upper
156 100
77 212.4 105.7 317.1
158 93.7 48.9 146.6

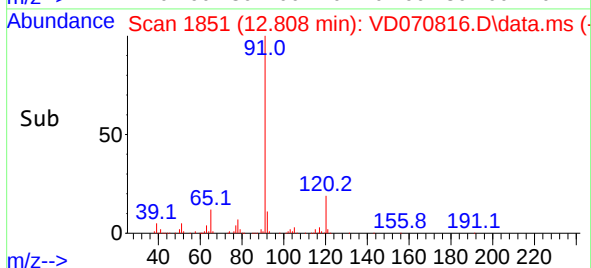
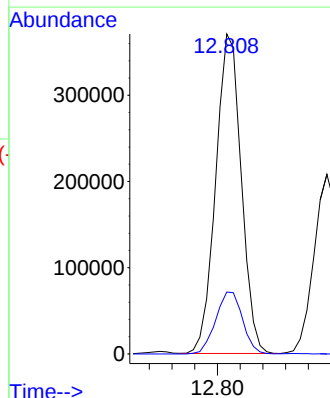
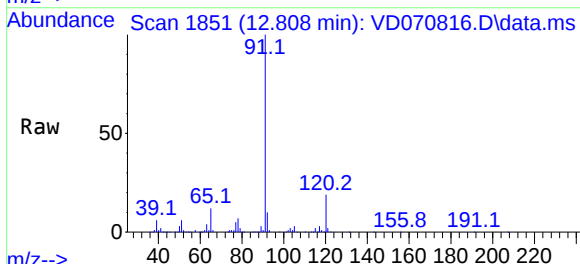
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

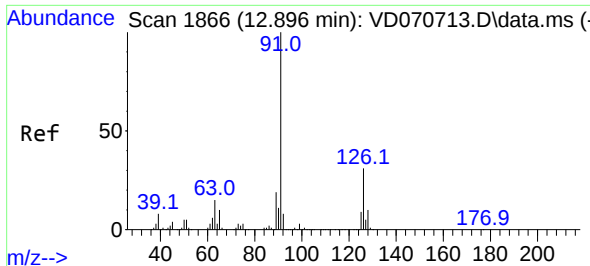
Manual Integrations
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#78
n-propylbenzene
Concen: 20.153 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 91 Resp: 578259
Ion Ratio Lower Upper
91 100
120 20.4 10.9 32.6



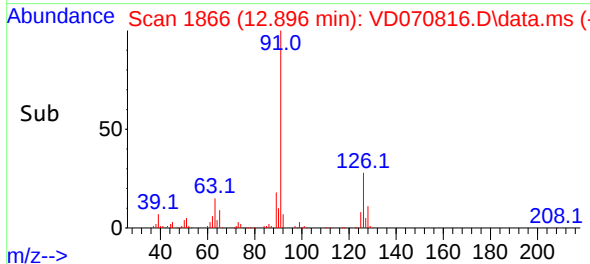
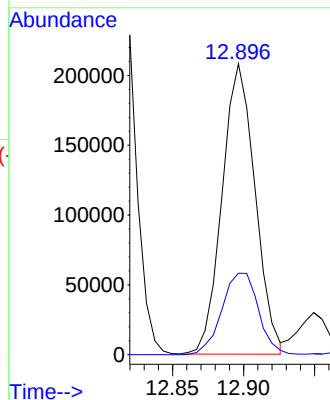
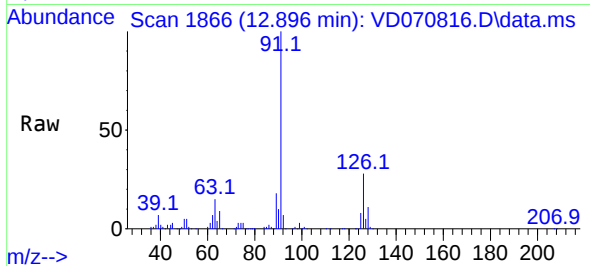


#79
2-Chlorotoluene
Concen: 20.275 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 91 Resp: 336213
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6

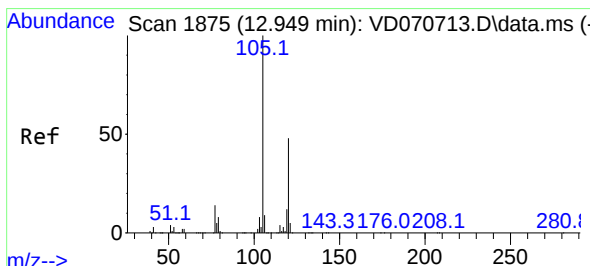
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

Manual Integrations
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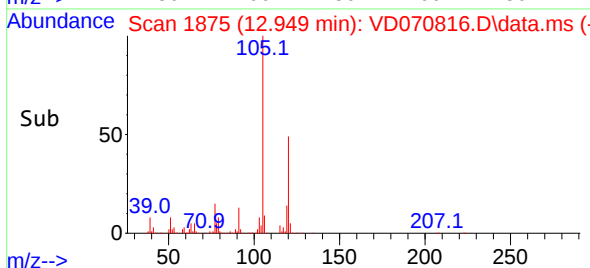
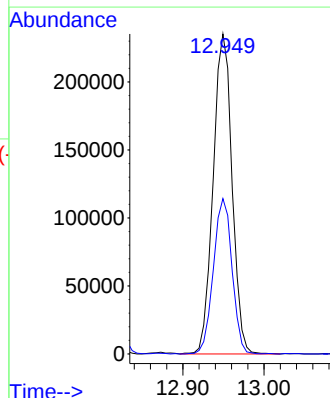
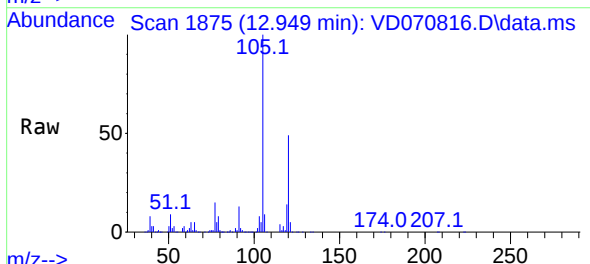
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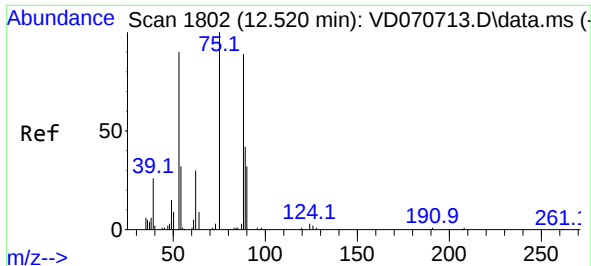
10/25/2021 11:57:18 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.398 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 105 Resp: 380649
Ion Ratio Lower Upper
105 100
120 47.9 24.4 73.2



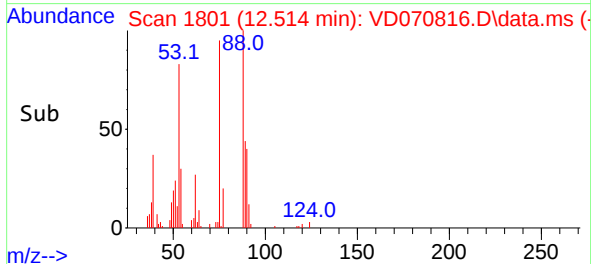
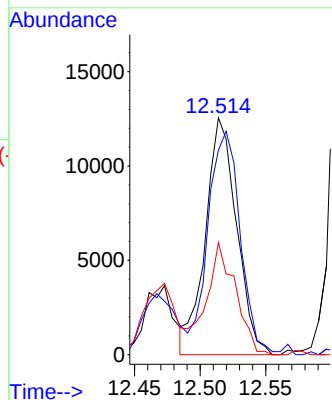
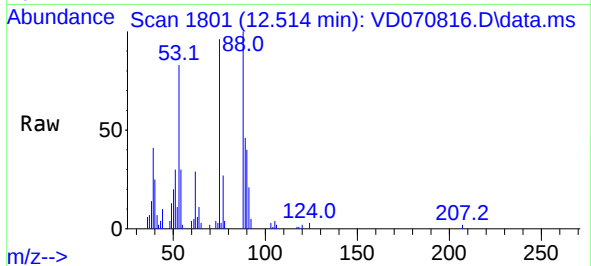


#81
trans-1,4-Dichloro-2-butene
Concen: 16.988 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:	75	Resp:	20760
Ion Ratio	Lower	Upper	
75	100		
53	94.8	64.5	96.7
89	43.7	35.3	52.9

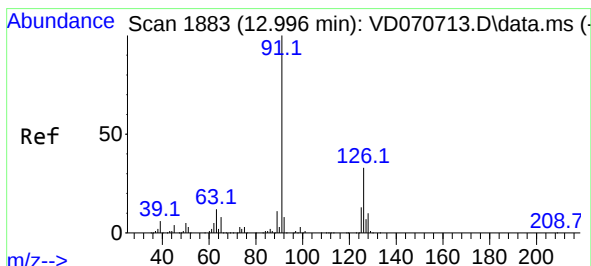
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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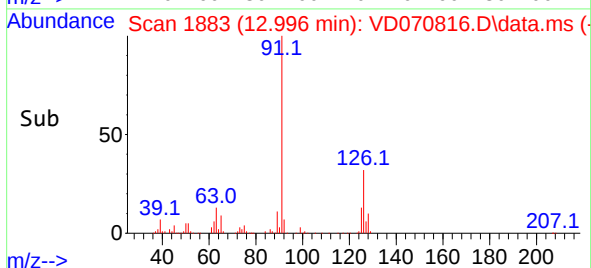
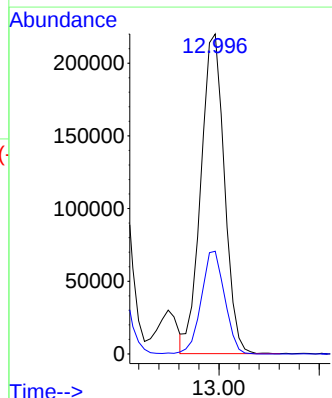
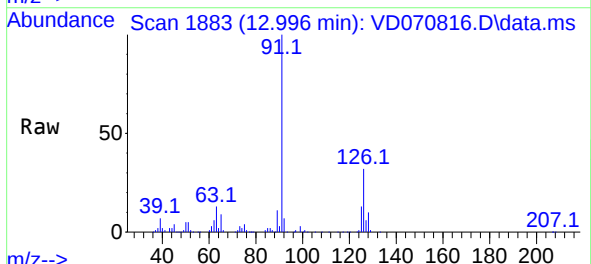
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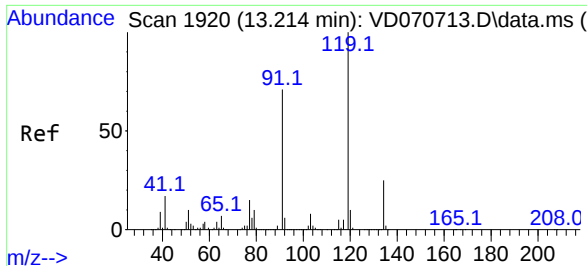
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#82
4-Chlorotoluene
Concen: 20.442 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

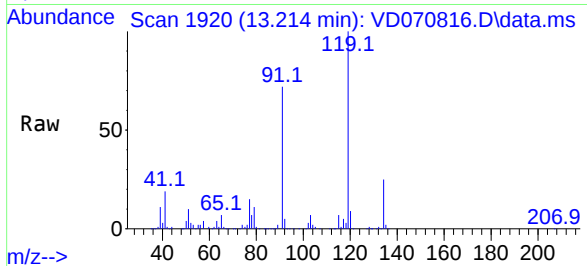
Tgt Ion:	91	Resp:	358569
Ion Ratio	Lower	Upper	
91	100		
126	32.1	16.2	48.6





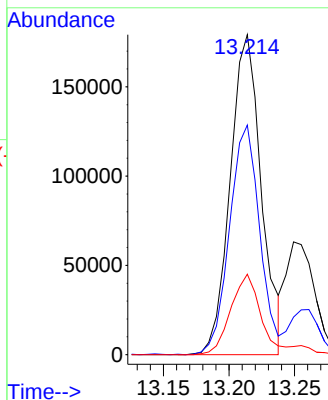
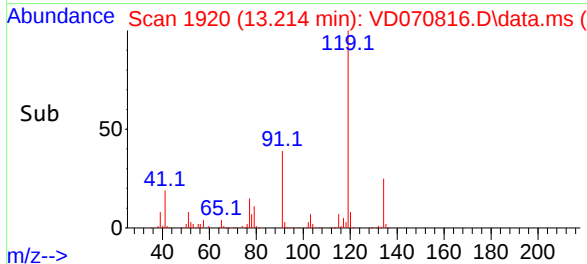
#83
tert-Butylbenzene
Concen: 19.209 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01



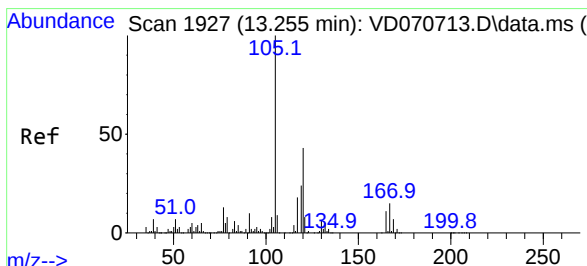
Tgt Ion:119 Resp: 296256
Ion Ratio Lower Upper
119 100
91 69.4 33.1 99.3
134 24.1 13.2 39.5

Manual Integrations
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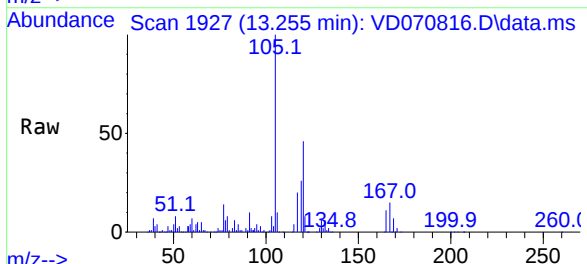


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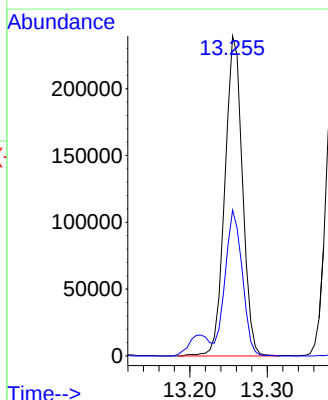
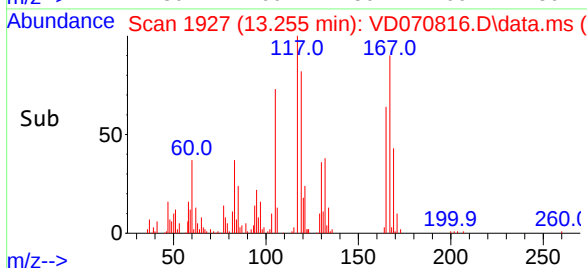
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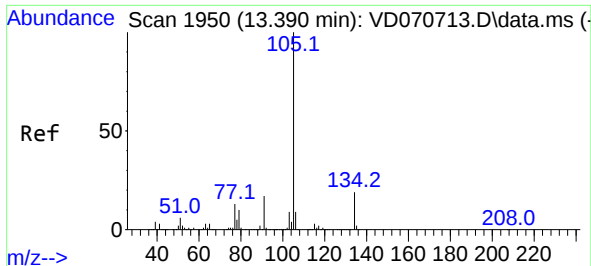


#84
1,2,4-Trimethylbenzene
Concen: 20.401 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion:105 Resp: 378544
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8



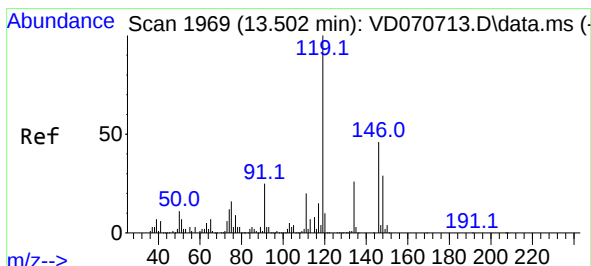
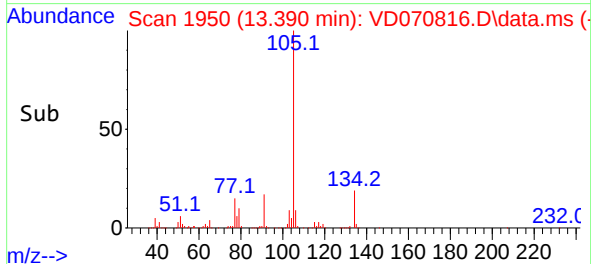
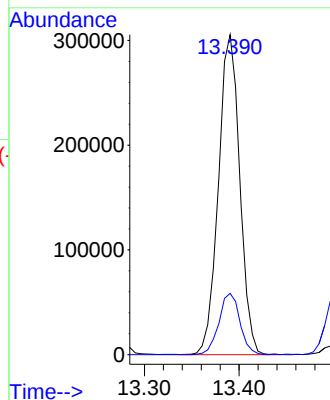
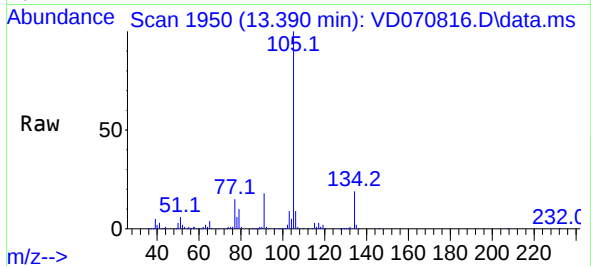


#85
sec-Butylbenzene
Concen: 19.747 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:105 Resp: 478590
Ion Ratio Lower Upper
105 100
134 18.9 9.3 28.0

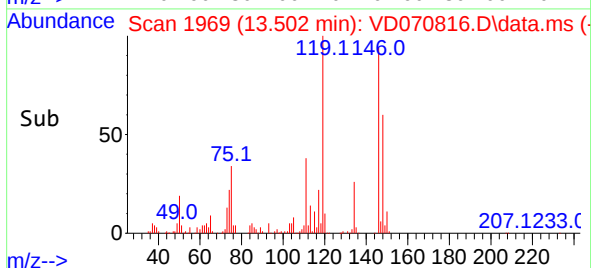
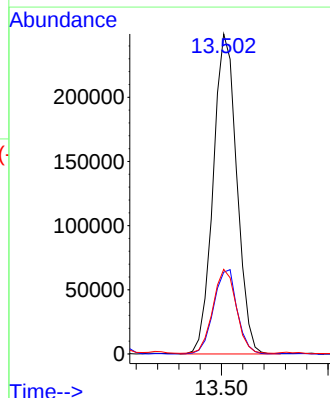
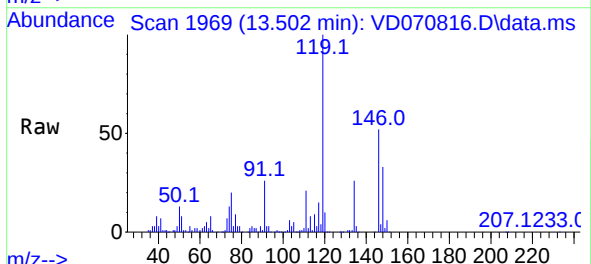
Instrument :
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ClientSampleId :
VD1022SBS01

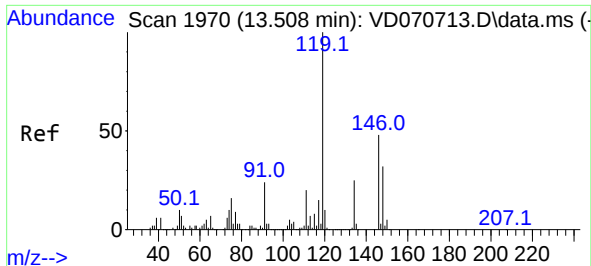
Manual Integrations
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#86
p-Isopropyltoluene
Concen: 19.692 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:119 Resp: 383716
Ion Ratio Lower Upper
119 100
134 26.2 12.5 37.5
91 25.8 11.9 35.5



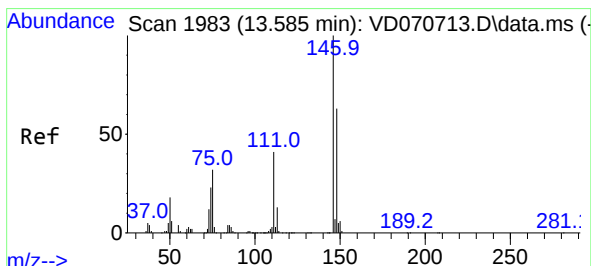
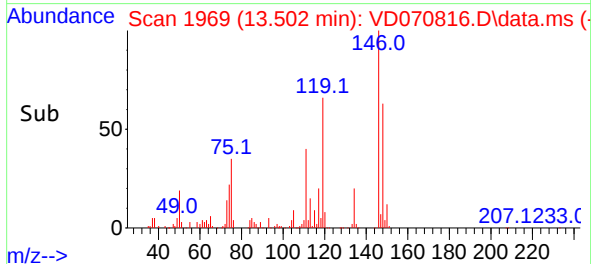
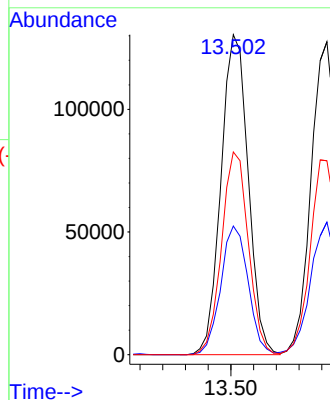
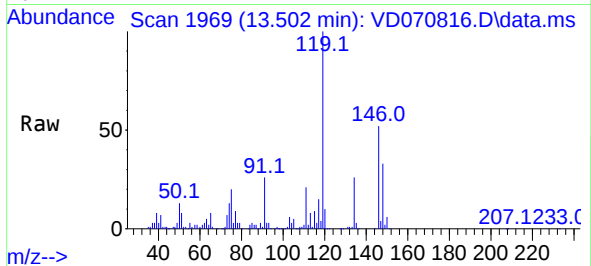


#87
1,3-Dichlorobenzene
Concen: 20.664 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:146 Resp: 216859
Ion Ratio Lower Upper
146 100
111 40.5 21.4 64.2
148 62.3 31.8 95.3

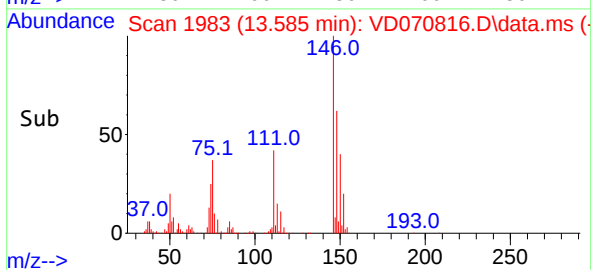
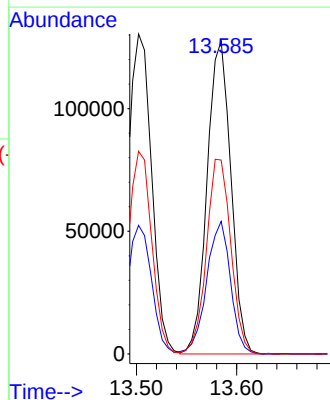
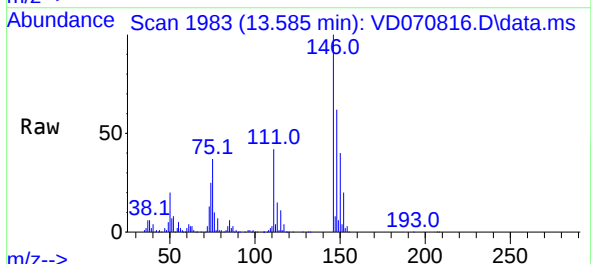
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

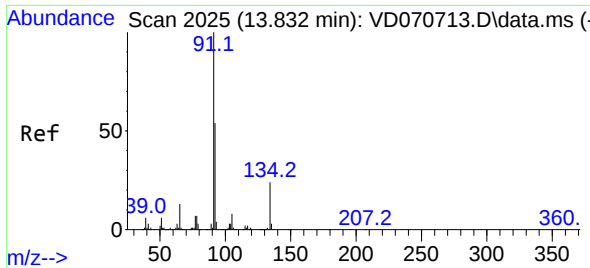
Manual Integrations
APPROVED



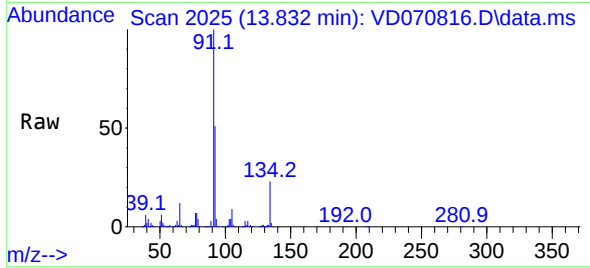
#88
1,4-Dichlorobenzene
Concen: 20.309 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:146 Resp: 210473
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.4
148 63.9 31.6 94.8



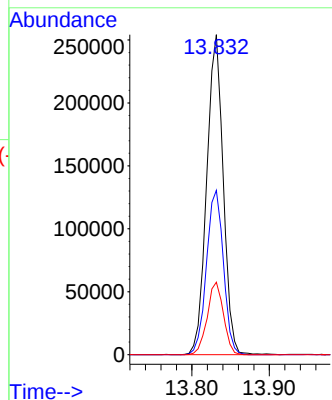


#89
n-Butylbenzene
Concen: 19.161 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 91 Resp: 376803

Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.8	80.4
134	22.3	12.2	36.4

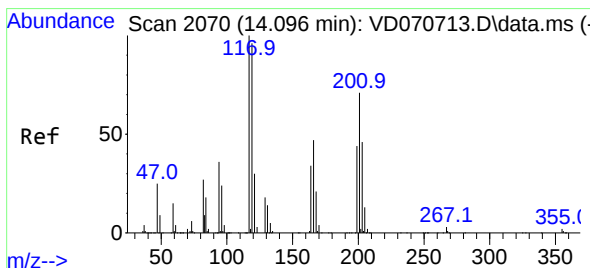


Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

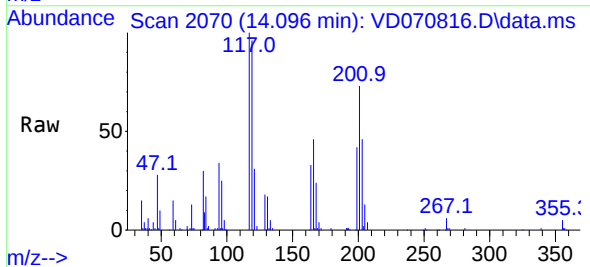
Manual Integrations
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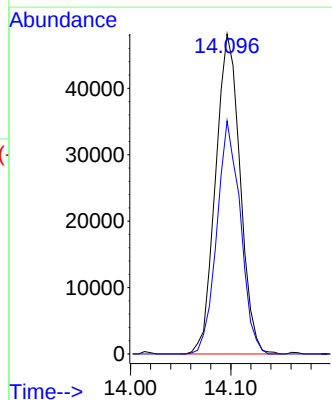
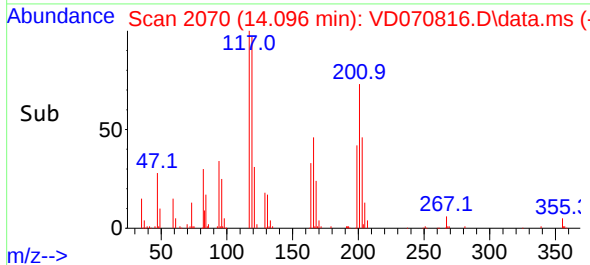


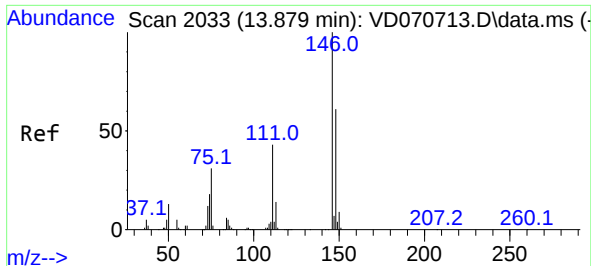
#90
Hexachloroethane
Concen: 19.442 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion: 117 Resp: 81749

Ion	Ratio	Lower	Upper
117	100		
201	69.9	31.9	95.9



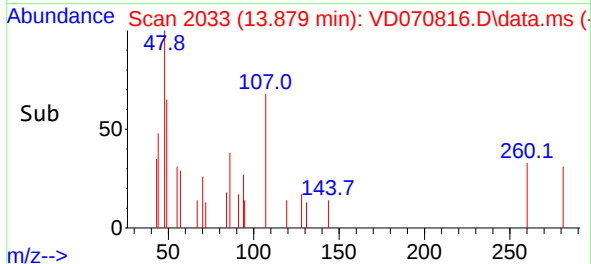
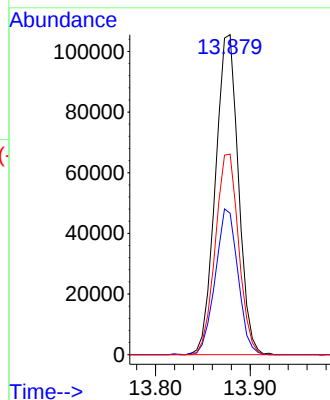
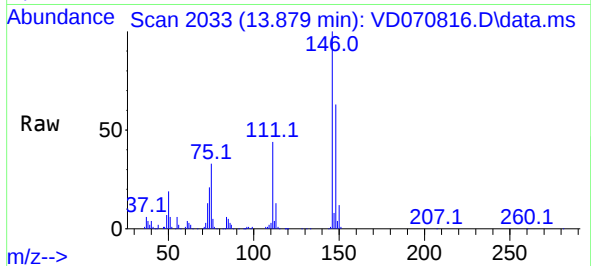


#91
1,2-Dichlorobenzene
Concen: 19.861 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:146 Resp: 178142
Ion Ratio Lower Upper
146 100
111 45.0 22.8 68.4
148 63.7 32.4 97.0

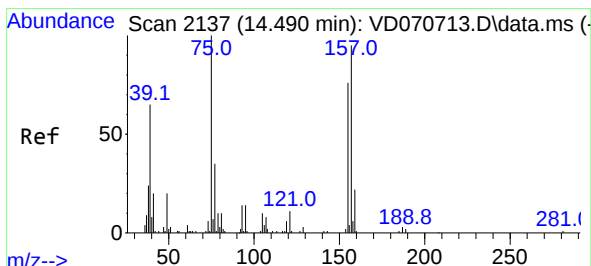
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

Manual Integrations
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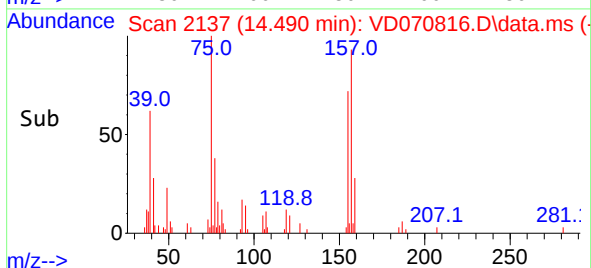
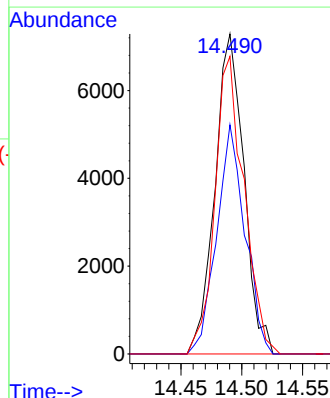
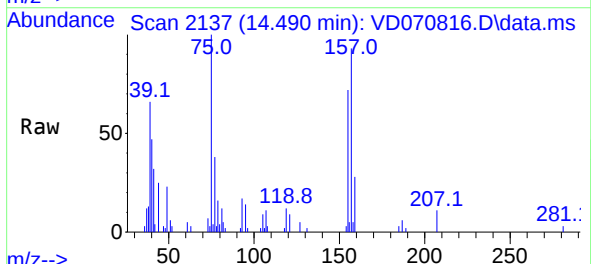
MM Dadoda

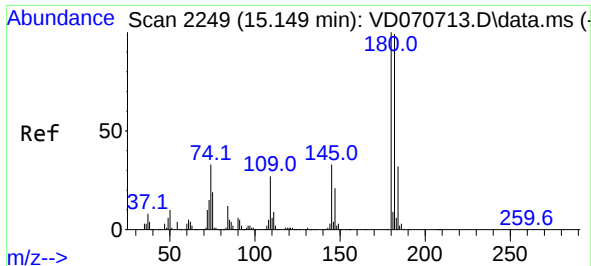
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#92
1,2-Dibromo-3-Chloropropane
Concen: 17.341 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion: 75 Resp: 12078
Ion Ratio Lower Upper
75 100
155 70.1 38.1 114.5
157 93.1 47.6 142.9



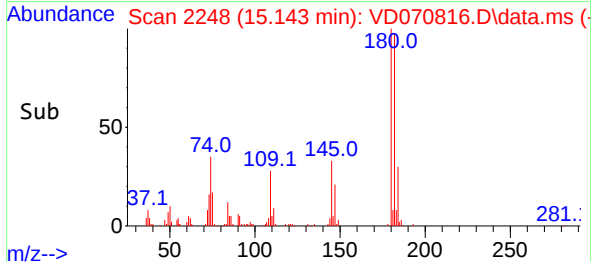
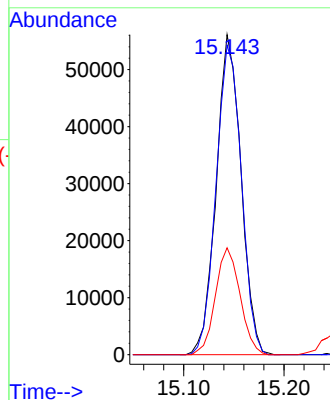
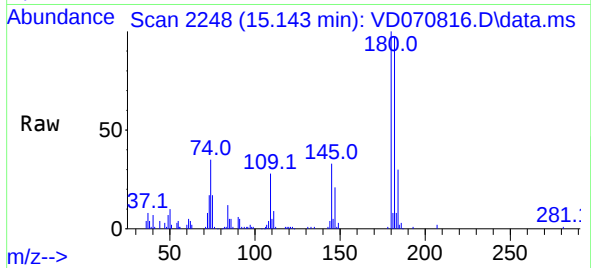


#93
1,2,4-Trichlorobenzene
Concen: 18.799 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Tgt Ion:180 Resp: 96455
Ion Ratio Lower Upper
180 100
182 98.6 47.5 142.5
145 33.1 16.9 50.7

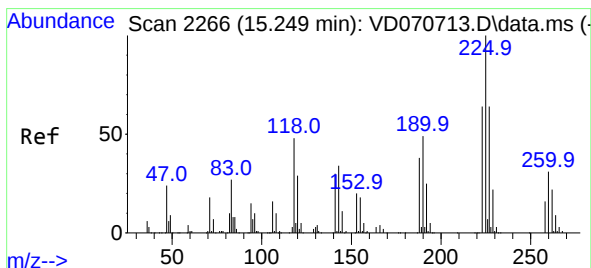
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

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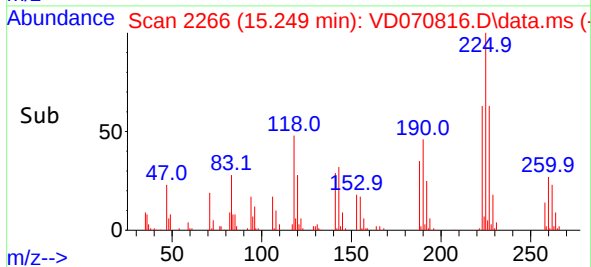
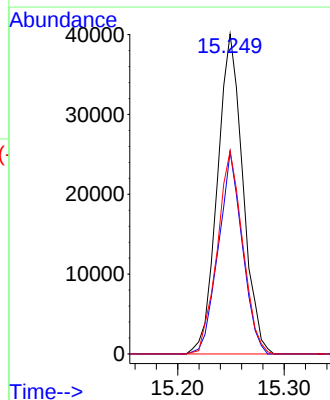
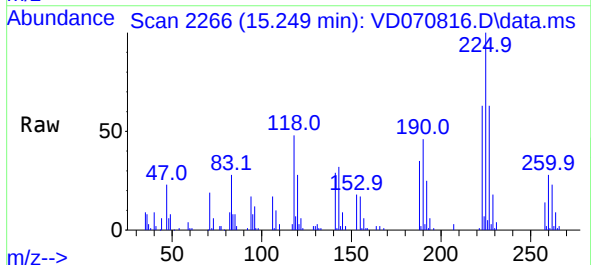
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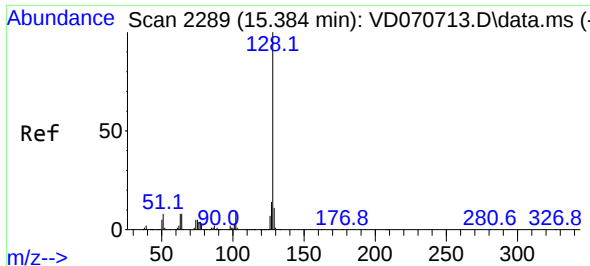
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#94
Hexachlorobutadiene
Concen: 19.764 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

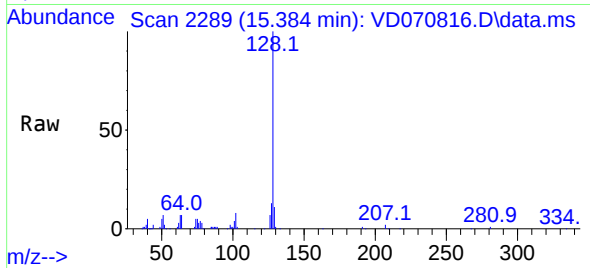
Tgt Ion:225 Resp: 66495
Ion Ratio Lower Upper
225 100
223 59.2 31.2 93.6
227 63.2 32.2 96.6





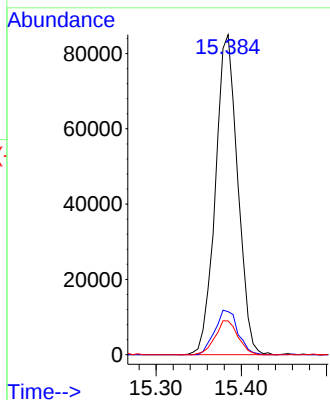
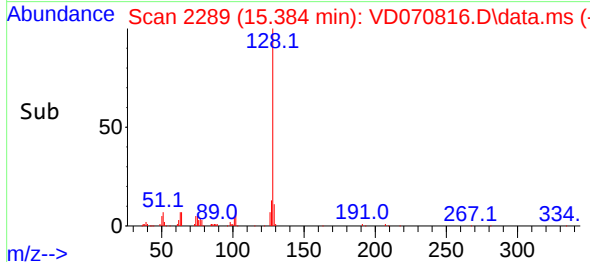
#95
Naphthalene
Concen: 18.686 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01



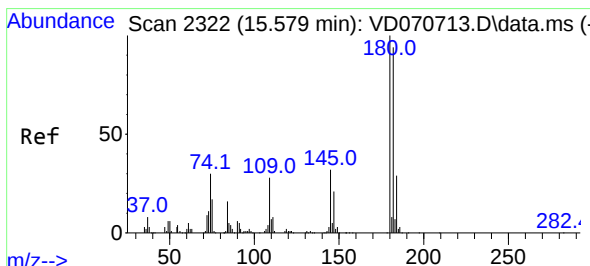
Tgt Ion:	128	Resp:	154122
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.9	16.3
129	10.9	8.6	12.8

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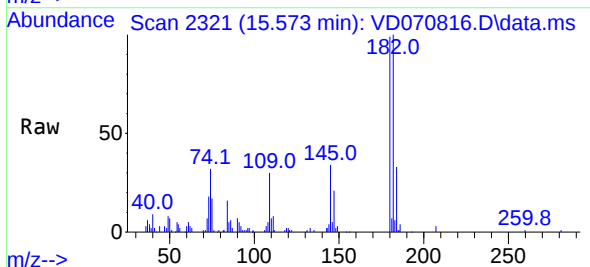


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#96
1,2,3-Trichlorobenzene
Concen: 19.057 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD070816.D
Acq: 22 Oct 2021 11:00



Tgt Ion:	180	Resp:	86877
Ion Ratio	Lower	Upper	
180	100		
182	93.8	46.2	138.5
145	32.8	17.1	51.3

