

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070769.D
 Acq On : 20 Oct 2021 12:04
 Operator : VA/SY
 Sample : VD1020SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBS01

Manual Integrations
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 10/21/2021 6:54:37 PM

Quant Time: Oct 21 05:36:35 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	7.979	168	402709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	692540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	664505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	323962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	240106	50.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.68%			
35) Dibromofluoromethane	7.909	113	216808	48.89	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.78%			
50) Toluene-d8	10.332	98	842462	49.56	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.12%			
62) 4-Bromofluorobenzene	12.620	95	294384	50.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.60%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	85841	18.23	ug/l	99
3) Chloromethane	2.209	50	133824	19.16	ug/l	92
4) Vinyl Chloride	2.344	62	132067	18.45	ug/l	100
5) Bromomethane	2.756	94	87951	20.15	ug/l	96
6) Chloroethane	2.909	64	87235	19.35	ug/l	97
7) Trichlorofluoromethane	3.268	101	152623	18.86	ug/l	99
8) Diethyl Ether	3.709	74	40721	18.88	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.097	101	94922	19.61	ug/l	99
10) Methyl Iodide	4.297	142	76349	17.51	ug/l	96
11) Tert butyl alcohol	5.220	59	25751	96.44	ug/l	98
12) 1,1-Dichloroethene	4.062	96	82294	18.80	ug/l	96
13) Acrolein	3.921	56	23569	91.20	ug/l	96
14) Allyl chloride	4.709	41	156135	18.84	ug/l #	92
15) Acrylonitrile	5.420	53	111046	97.80	ug/l	99
16) Acetone	4.150	43	104342	90.70	ug/l	92
17) Carbon Disulfide	4.409	76	286917	17.99	ug/l	98
18) Methyl Acetate	4.715	43	78063	19.52	ug/l #	85
19) Methyl tert-butyl Ether	5.473	73	183373	19.38	ug/l	97
20) Methylene Chloride	4.962	84	143883	21.11	ug/l #	90
21) trans-1,2-Dichloroethene	5.468	96	96763	19.27	ug/l	88
22) Diisopropyl ether	6.362	45	324239	20.10	ug/l	92
23) Vinyl Acetate	6.309	43	697072	92.55	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	198236	19.72	ug/l	98
25) 2-Butanone	7.209	43	134628	94.73	ug/l #	80
26) 2,2-Dichloropropane	7.209	77	157218	19.78	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	107208	19.91	ug/l	91
28) Bromochloromethane	7.544	49	85099	21.30	ug/l	84
29) Tetrahydrofuran	7.556	42	81999	94.25	ug/l #	85
30) Chloroform	7.703	83	196659	20.03	ug/l	97
31) Cyclohexane	7.979	56	171523	17.77	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	165665	19.89	ug/l	96
36) 1,1-Dichloropropene	8.109	75	142251	18.44	ug/l	96
37) Ethyl Acetate	7.291	43	63091	19.74	ug/l #	90
38) Carbon Tetrachloride	8.097	117	137119	18.56	ug/l	93
39) Methylcyclohexane	9.350	83	145520	16.73	ug/l #	86
40) Benzene	8.344	78	423938	19.08	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	35828m	19.03	ug/l	
42) 1,2-Dichloroethane	8.414	62	123636	19.61	ug/l	95
43) Isopropyl Acetate	8.450	43	112428	18.44	ug/l	95
44) Trichloroethene	9.114	130	97534	18.69	ug/l	95
45) 1,2-Dichloropropane	9.379	63	116663	19.87	ug/l	99
46) Dibromomethane	9.467	93	53412	19.00	ug/l	92
47) Bromodichloromethane	9.656	83	144535	19.38	ug/l	95
48) Methyl methacrylate	9.456	41	51089	17.11	ug/l #	86
49) 1,4-Dioxane	9.461	88	10975	363.58	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	298995	93.04	ug/l	89
52) Toluene	10.403	92	252598	19.10	ug/l	92
53) t-1,3-Dichloropropene	10.614	75	126257	18.95	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	152453	19.12	ug/l #	86
55) 1,1,2-Trichloroethane	10.797	97	74098	19.19	ug/l	92
56) Ethyl methacrylate	10.655	69	81687	18.41	ug/l #	80
57) 1,3-Dichloropropane	10.938	76	133096	19.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	195131	95.96	ug/l	92
59) 2-Hexanone	10.979	43	208324	92.10	ug/l	84
60) Dibromochloromethane	11.132	129	86902	19.58	ug/l	97
61) 1,2-Dibromoethane	11.238	107	66723	18.89	ug/l	98
64) Tetrachloroethene	10.873	164	80711	18.08	ug/l	90
65) Chlorobenzene	11.661	112	260404	19.11	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	98809	19.60	ug/l	99
67) Ethyl Benzene	11.738	91	454174	18.23	ug/l	100
68) m/p-Xylenes	11.844	106	351641	37.25	ug/l	93
69) o-Xylene	12.173	106	158555	18.52	ug/l	98
70) Styrene	12.185	104	283732	19.06	ug/l	97
71) Bromoform	12.350	173	49354	18.85	ug/l #	100
73) Isopropylbenzene	12.473	105	415473	18.00	ug/l	99
74) N-amyl acetate	12.279	43	110313	18.36	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.720	83	88579	19.40	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	66871m	23.89	ug/l	
77) Bromobenzene	12.749	156	97244	18.61	ug/l	96
78) n-propylbenzene	12.808	91	555931	18.53	ug/l	98
79) 2-Chlorotoluene	12.897	91	331904	19.14	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	370699	19.00	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	22348	17.49	ug/l #	85
82) 4-Chlorotoluene	12.997	91	353284	19.26	ug/l	98
83) tert-Butylbenzene	13.214	119	286921	17.79	ug/l	93
84) 1,2,4-Trimethylbenzene	13.255	105	373219	19.24	ug/l	98
85) sec-Butylbenzene	13.391	105	464825	18.34	ug/l	99
86) p-Isopropyltoluene	13.502	119	376543	18.48	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	209615	19.10	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	208005	19.19	ug/l	99
89) n-Butylbenzene	13.832	91	367650	17.88	ug/l	97
90) Hexachloroethane	14.096	117	81066	18.44	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	176975	18.87	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13335	18.31	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	101356	18.89	ug/l	97
94) Hexachlorobutadiene	15.249	225	63115	17.94	ug/l	99
95) Naphthalene	15.385	128	158631	18.47	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	86865	18.22	ug/l	98

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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

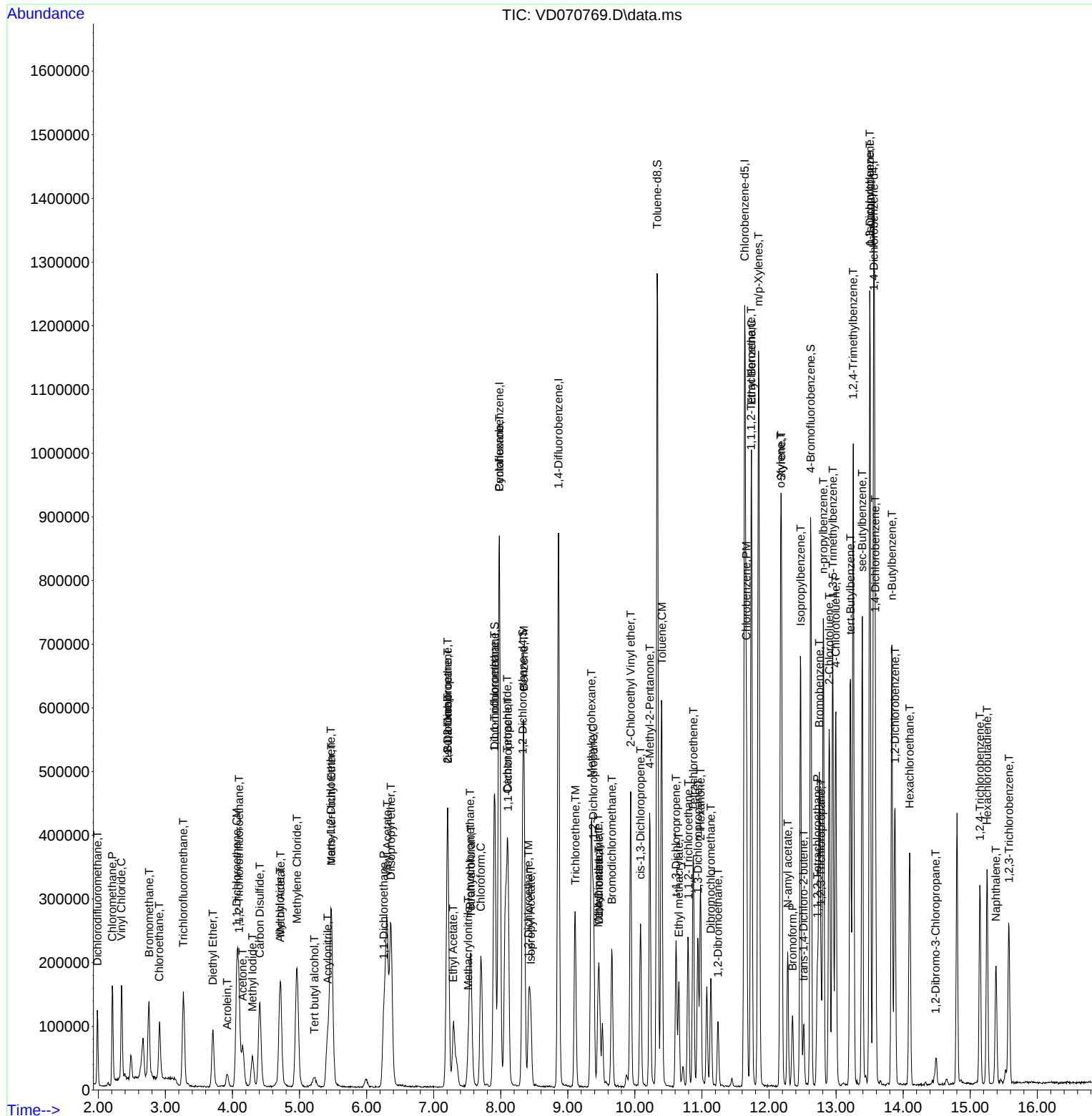
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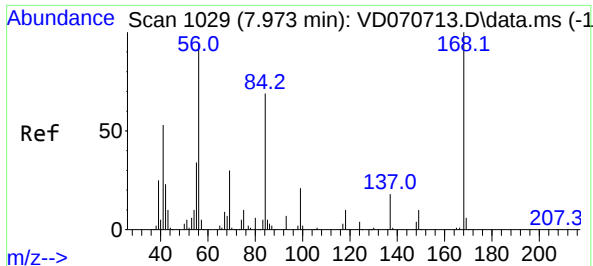
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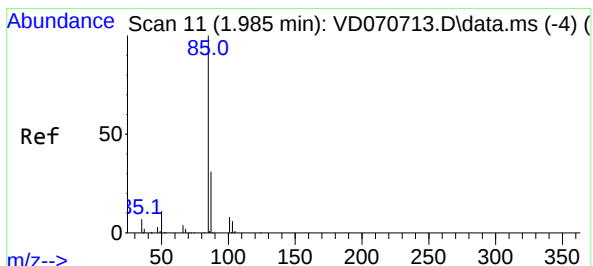
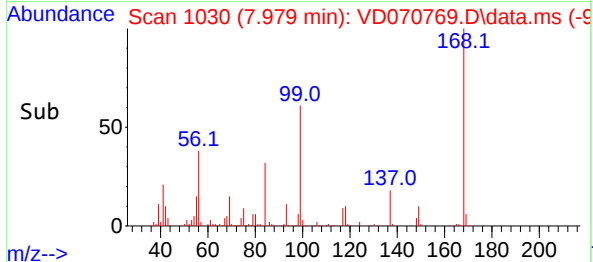
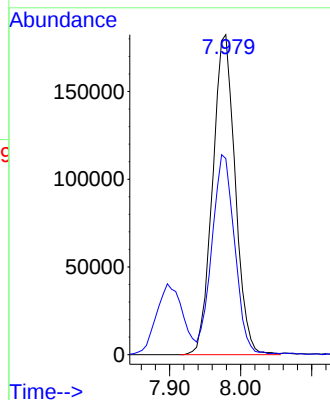
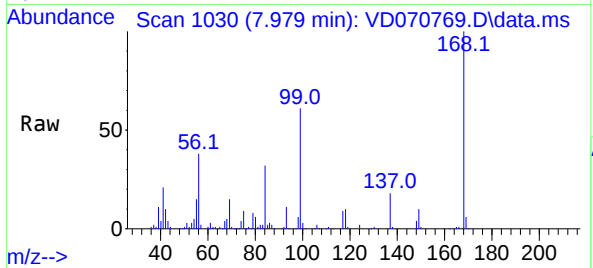
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 168 Resp: 402709
Ion Ratio Lower Upper
168 100
99 61.0 51.4 77.0

Instrument :
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ClientSampleId :
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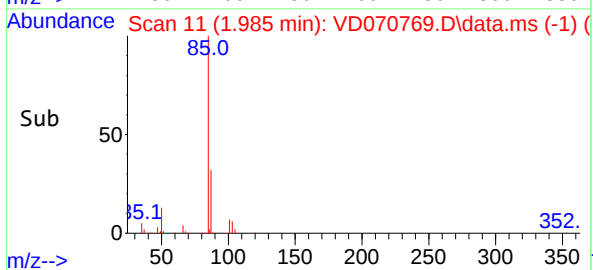
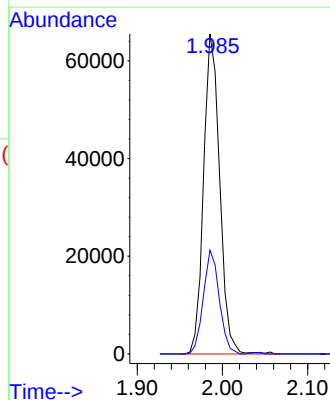
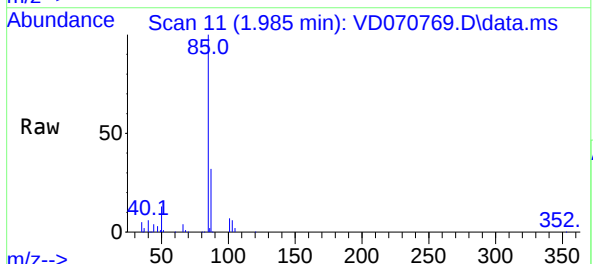
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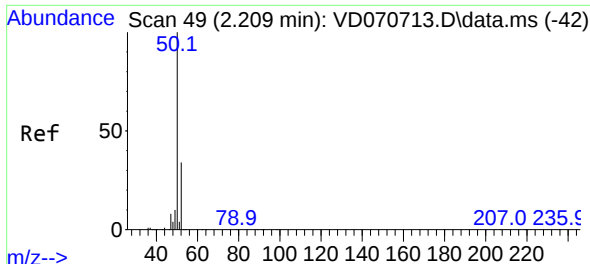
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#2
Dichlorodifluoromethane
Concen: 18.23 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

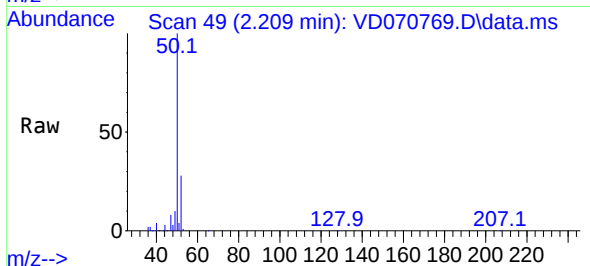
Tgt Ion: 85 Resp: 85841
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.2



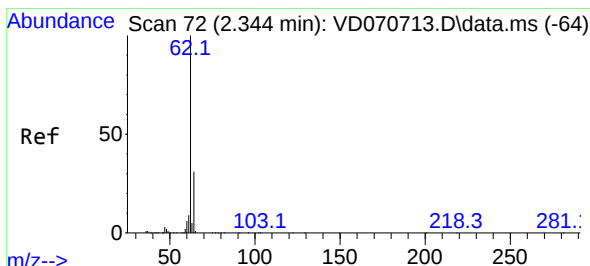
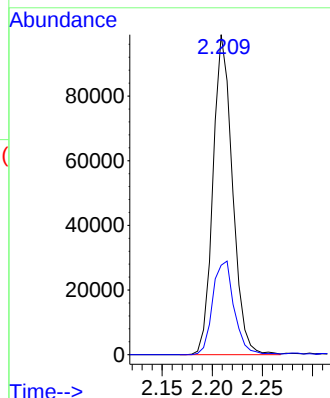
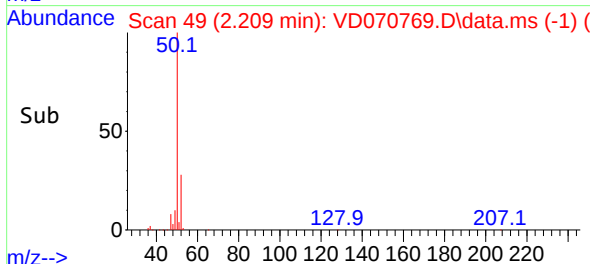


#3
Chloromethane
Concen: 19.16 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

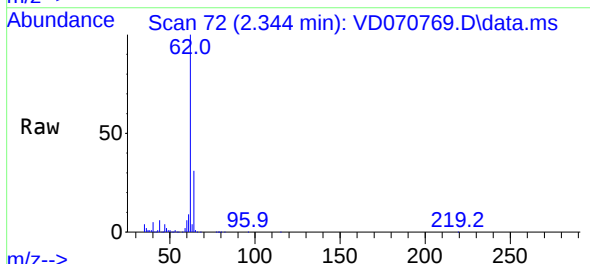
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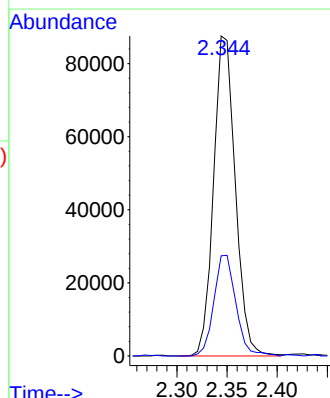
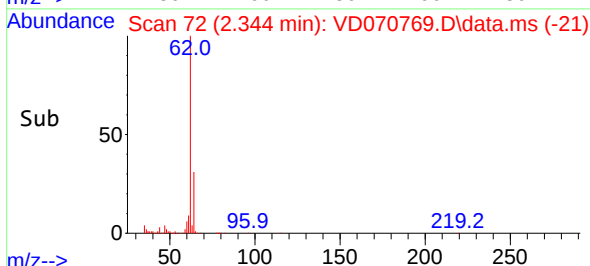
Tgt Ion: 50 Resp: 133824
Ion Ratio Lower Upper
50 100
52 28.0 26.0 39.0

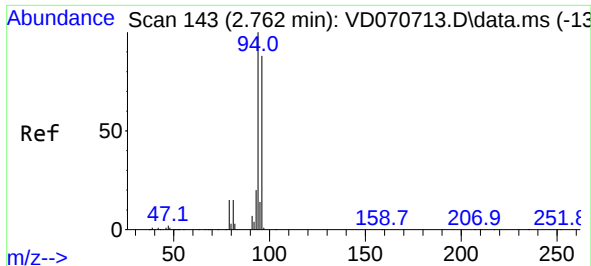


#4
Vinyl Chloride
Concen: 18.45 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



Tgt Ion: 62 Resp: 132067
Ion Ratio Lower Upper
62 100
64 31.3 24.9 37.3





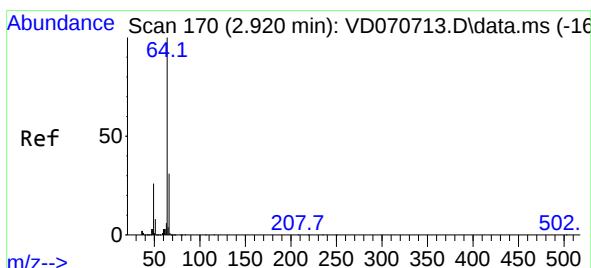
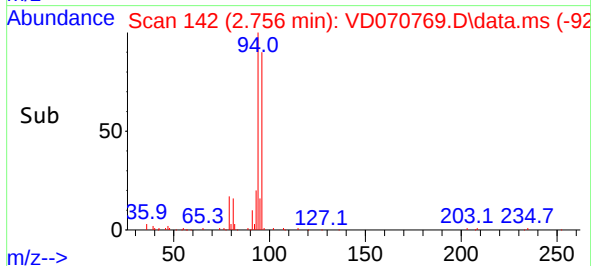
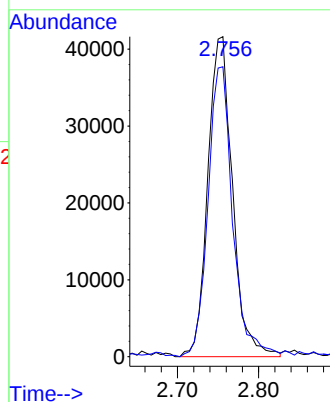
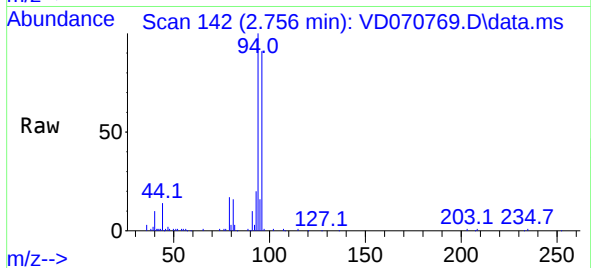
#5
Bromomethane
Concen: 20.15 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 94 Resp: 87951
Ion Ratio Lower Upper
94 100
96 90.6 75.5 113.3

Instrument :
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ClientSampleId :
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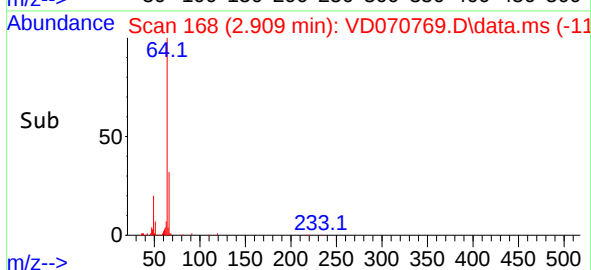
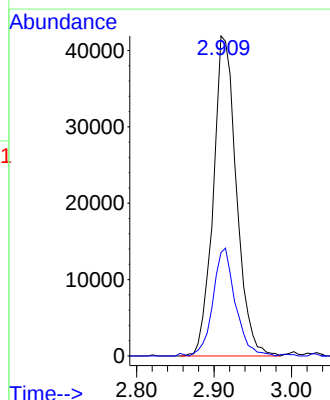
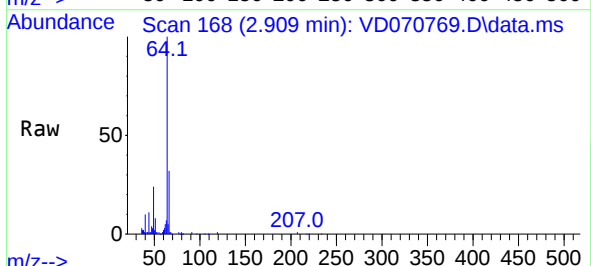
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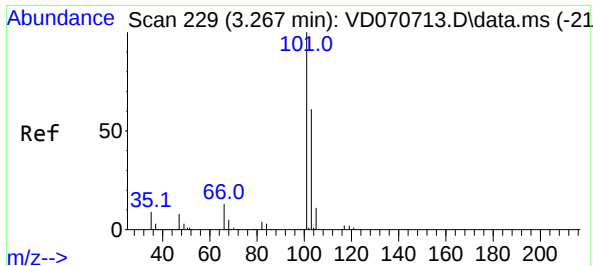
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#6
Chloroethane
Concen: 19.35 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 64 Resp: 87235
Ion Ratio Lower Upper
64 100
66 31.9 26.6 40.0





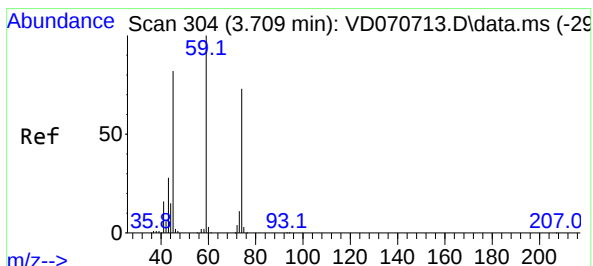
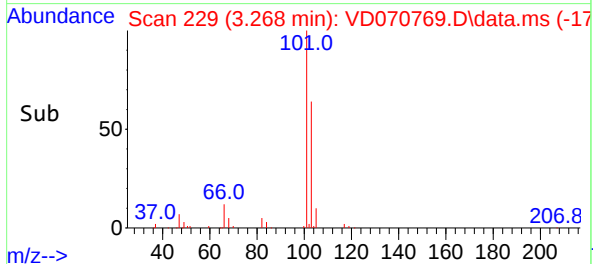
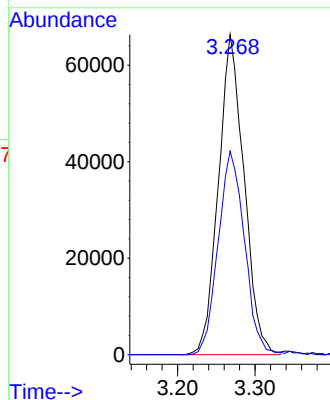
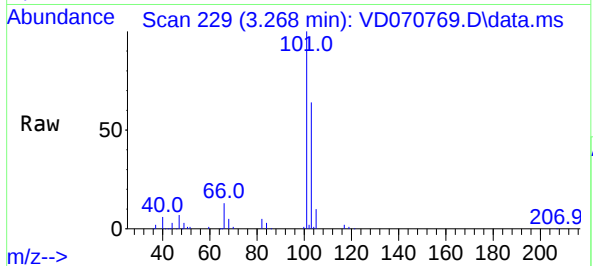
#7
Trichlorofluoromethane
Concen: 18.86 ug/l
RT: 3.268 min Scan# 229
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:101 Resp: 152623
Ion Ratio Lower Upper
101 100
103 63.6 50.1 75.1

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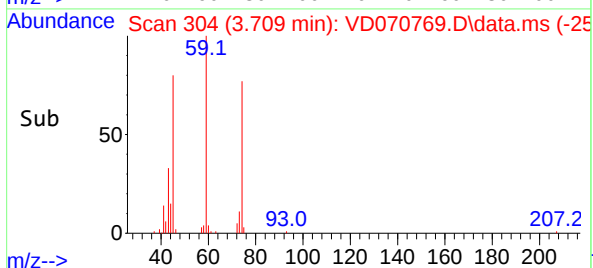
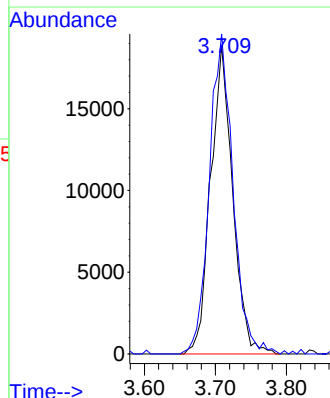
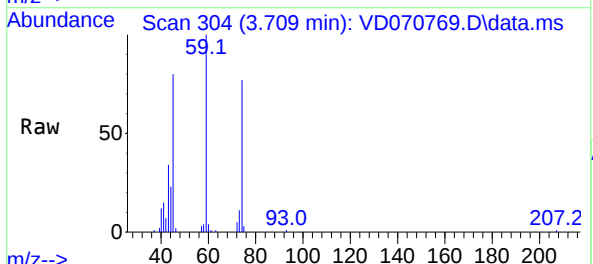
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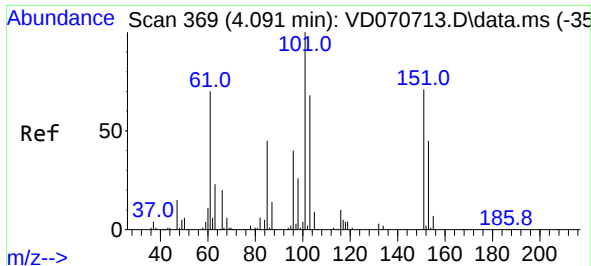
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#8
Diethyl Ether
Concen: 18.88 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 74 Resp: 40721
Ion Ratio Lower Upper
74 100
45 111.1 45.1 135.5





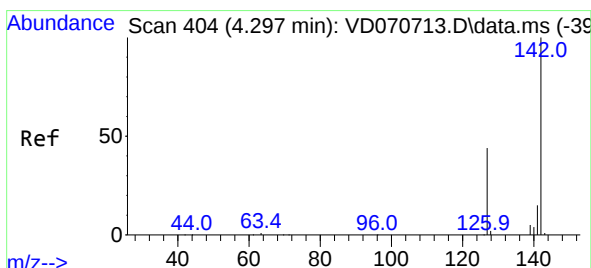
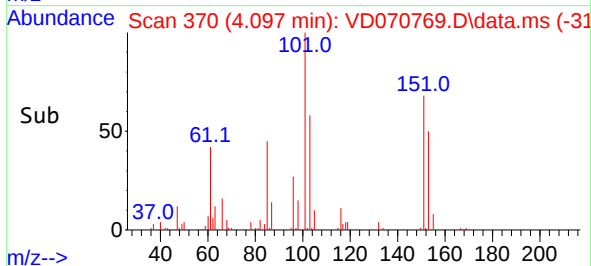
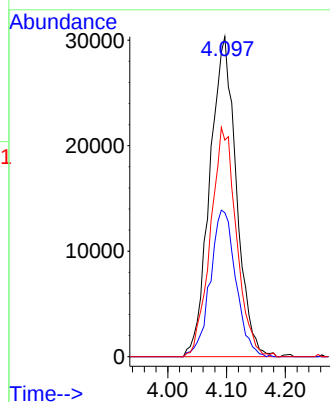
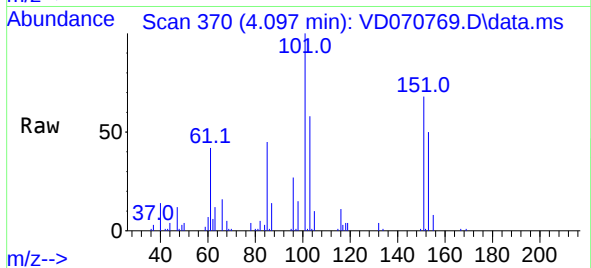
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.61 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD070769.D
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Tgt Ion:	101	Resp:	94922
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	70.4	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
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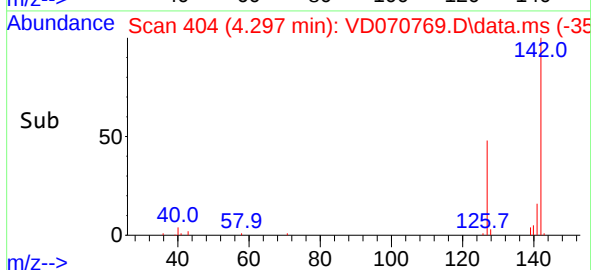
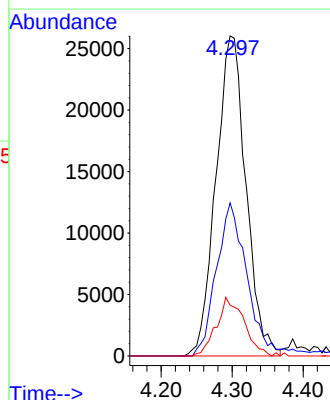
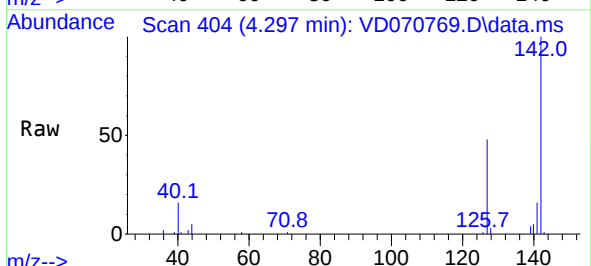
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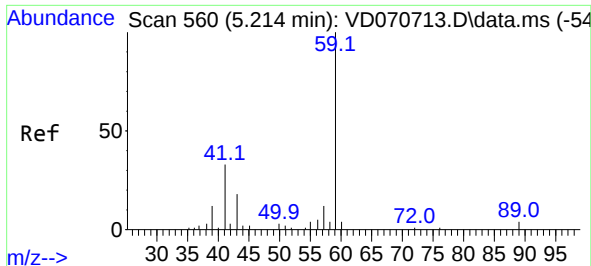
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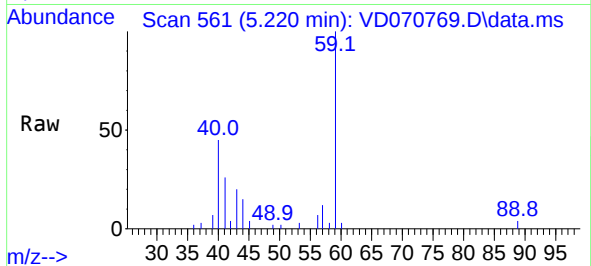
#10
Methyl Iodide
Concen: 17.51 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:	142	Resp:	76349
Ion	Ratio	Lower	Upper
142	100		
127	49.4	37.5	56.3
141	16.8	12.1	18.1

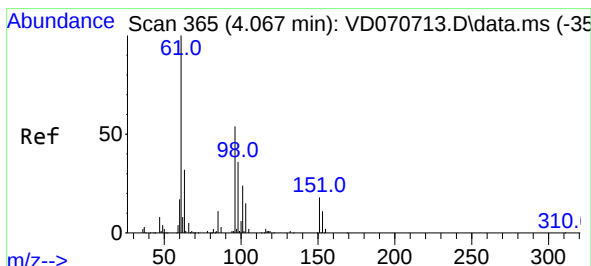
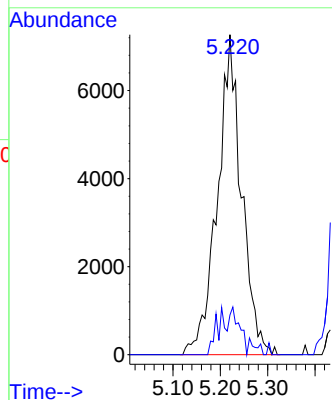
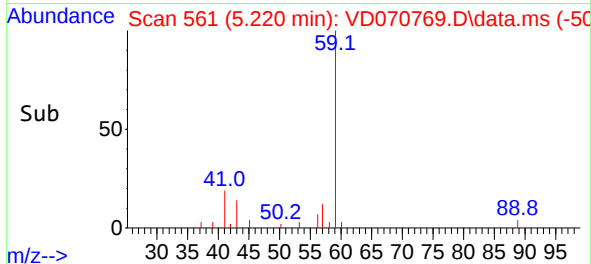




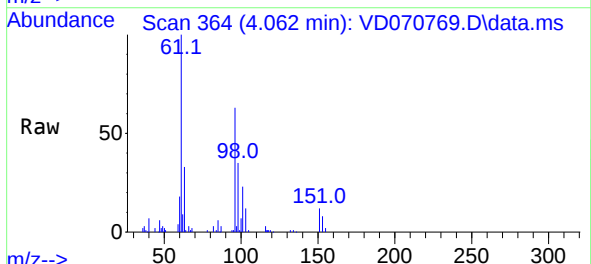
#11
Tert butyl alcohol
Concen: 96.44 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



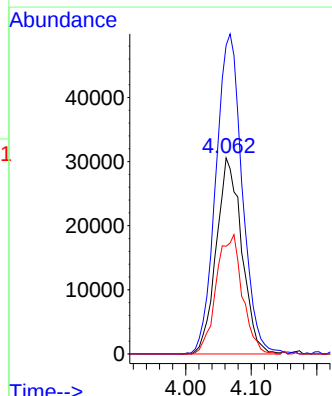
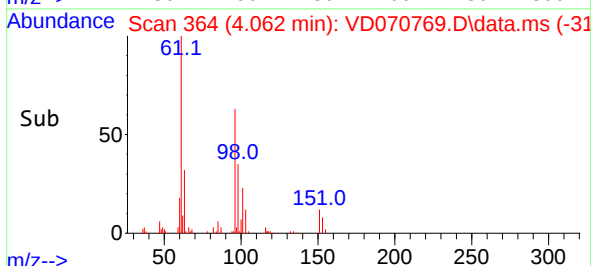
Tgt Ion: 59 Resp: 25751
Ion Ratio Lower Upper
59 100
57 6.2 4.5 6.7



#12
1,1-Dichloroethene
Concen: 18.80 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



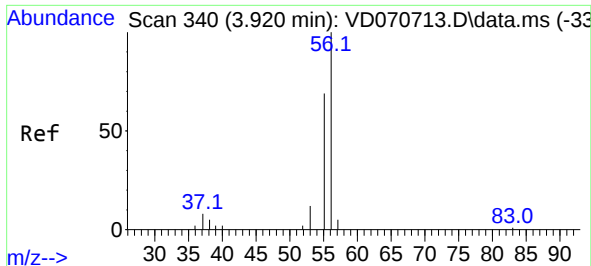
Tgt Ion: 96 Resp: 82294
Ion Ratio Lower Upper
96 100
61 157.5 125.9 188.9
98 55.0 52.3 78.5



Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

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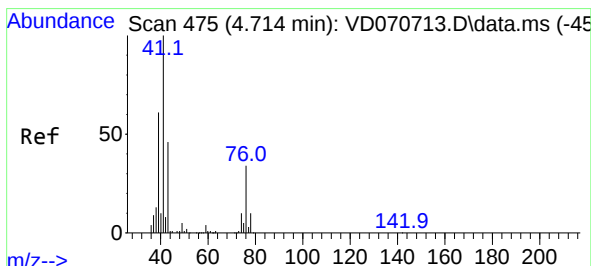
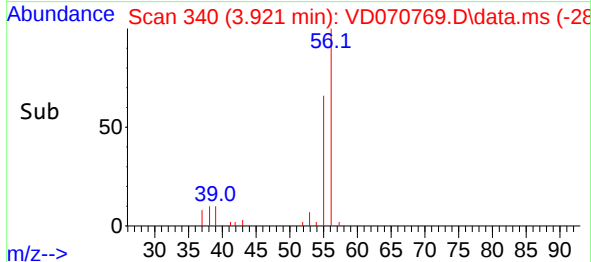
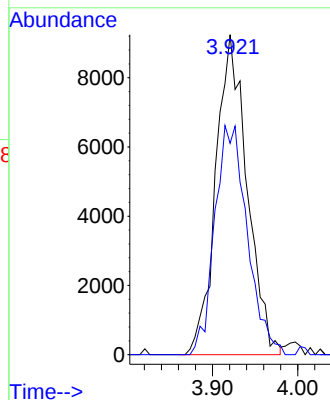
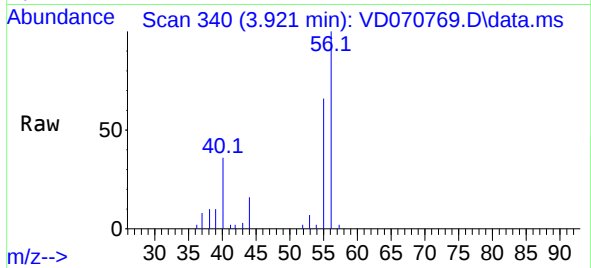
#13
Acrolein
Concen: 91.20 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 56 Resp: 23569
Ion Ratio Lower Upper
56 100
55 74.5 56.8 85.2

Instrument :
MSVOA_D
ClientSampleId :
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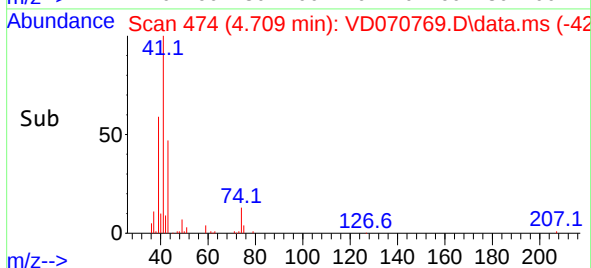
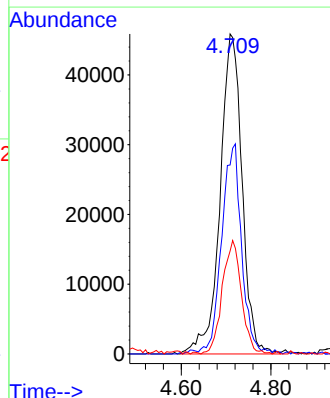
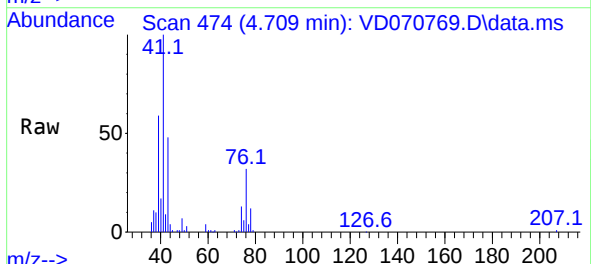
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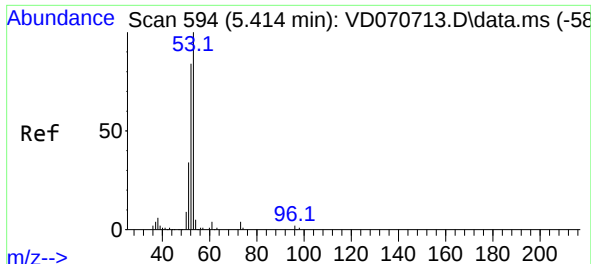
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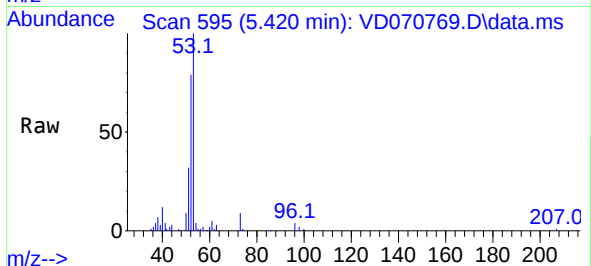
#14
Allyl chloride
Concen: 18.84 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 41 Resp: 156135
Ion Ratio Lower Upper
41 100
39 57.9 46.4 69.6
76 31.0 34.6 51.8#

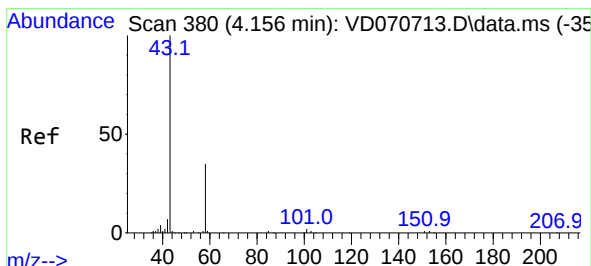
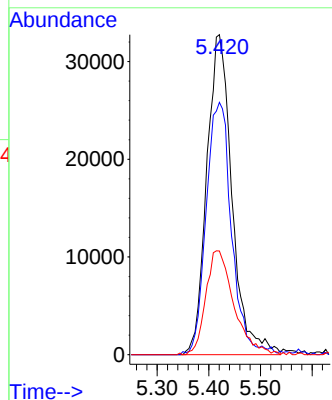
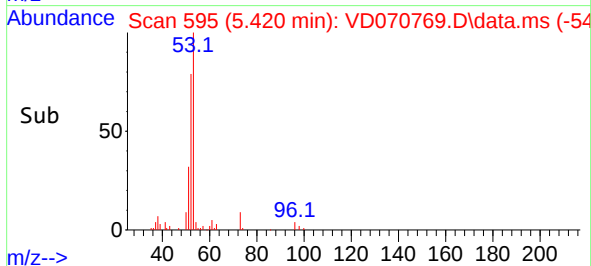




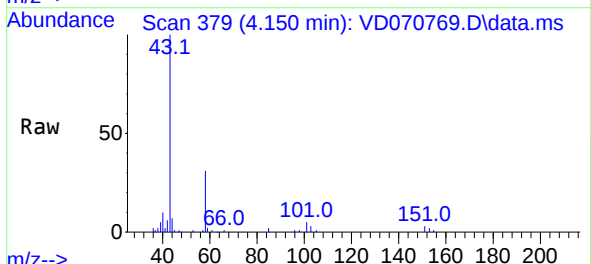
#15
Acrylonitrile
Concen: 97.80 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



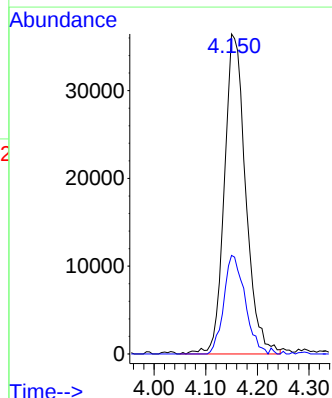
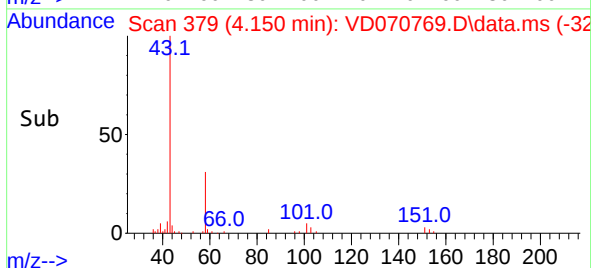
Tgt Ion: 53 Resp: 111046
Ion Ratio Lower Upper
53 100
52 79.5 64.6 97.0
51 36.2 28.7 43.1



#16
Acetone
Concen: 90.70 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



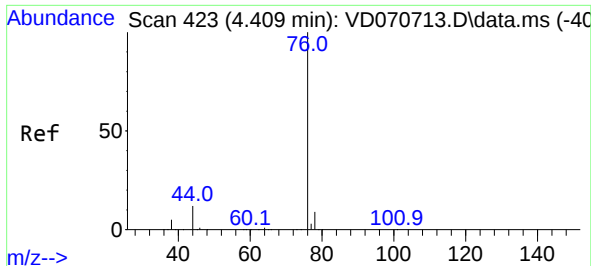
Tgt Ion: 43 Resp: 104342
Ion Ratio Lower Upper
43 100
58 30.8 28.2 42.2



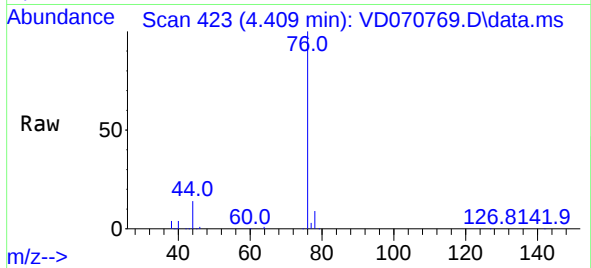
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

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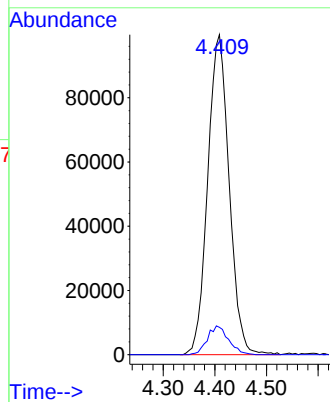
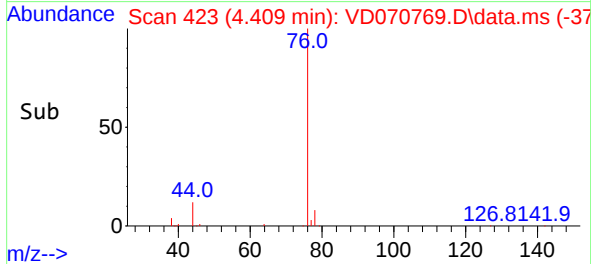
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#17
Carbon Disulfide
Concen: 17.99 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



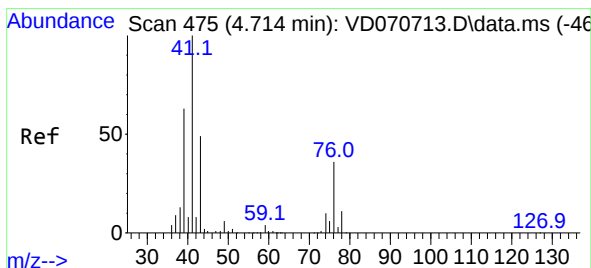
Tgt Ion: 76 Resp: 286917
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



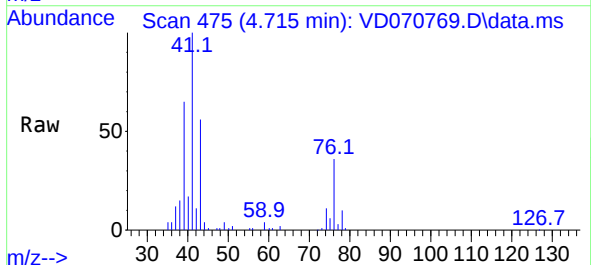
Instrument :
MSVOA_D
ClientSampleId :
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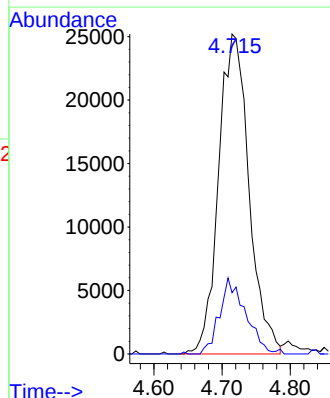
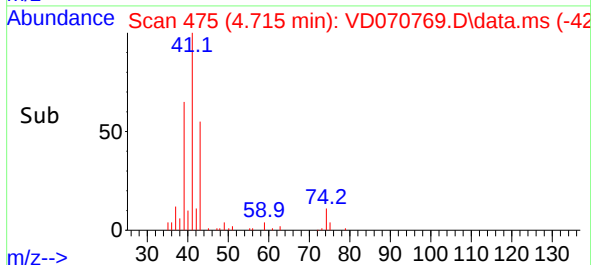
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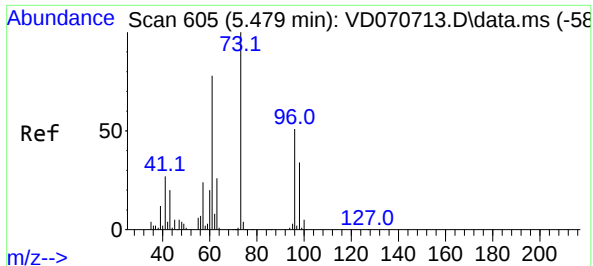


#18
Methyl Acetate
Concen: 19.52 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



Tgt Ion: 43 Resp: 78063
Ion Ratio Lower Upper
43 100
74 20.3 22.6 33.8#





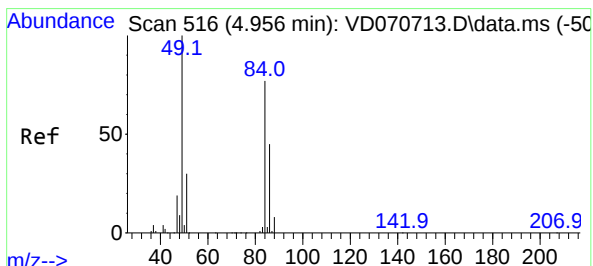
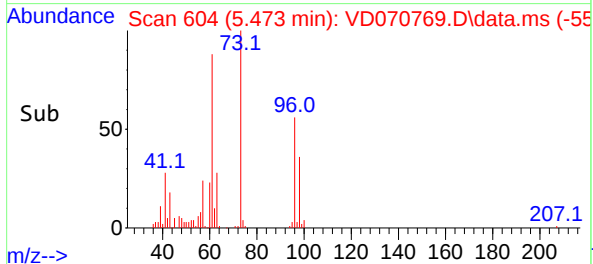
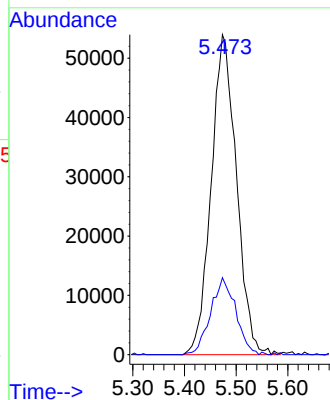
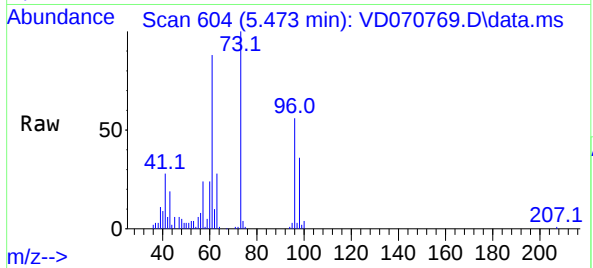
#19
Methyl tert-butyl Ether
Concen: 19.38 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 73 Resp: 183373
Ion Ratio Lower Upper
73 100
57 24.1 18.1 27.1

Instrument :
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ClientSampleId :
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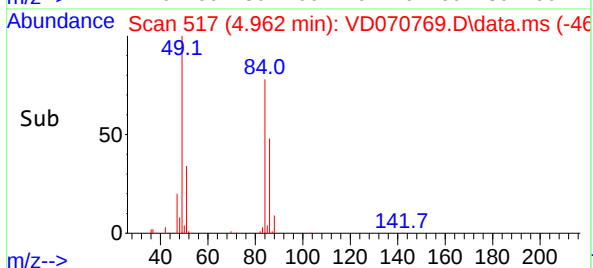
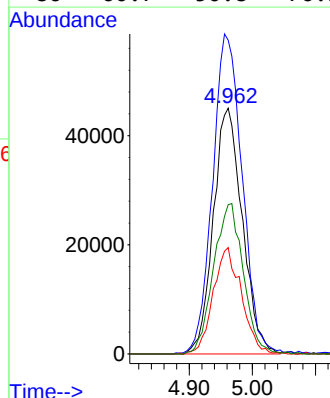
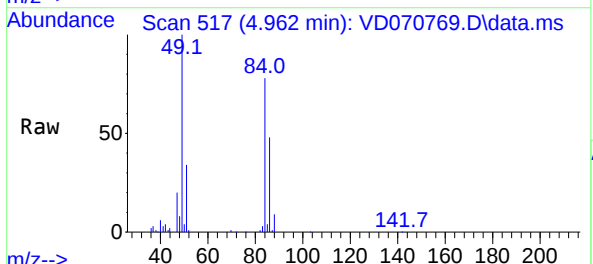
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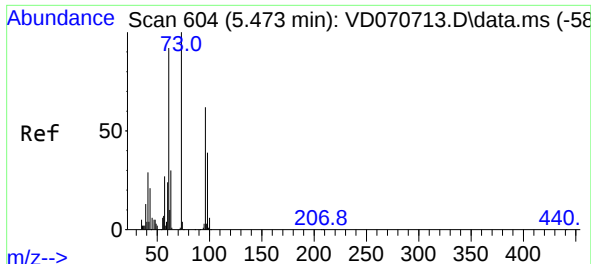
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#20
Methylene Chloride
Concen: 21.11 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 84 Resp: 143883
Ion Ratio Lower Upper
84 100
49 127.3 91.4 137.2
51 42.9 26.7 40.1#
86 60.7 50.8 76.2



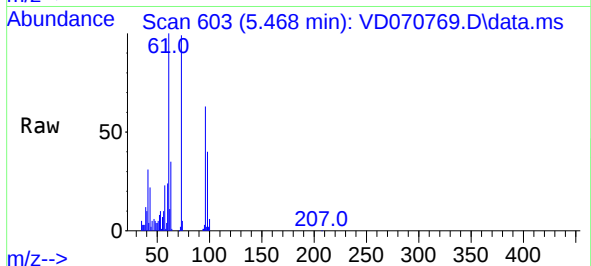


#21
trans-1,2-Dichloroethene
Concen: 19.27 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

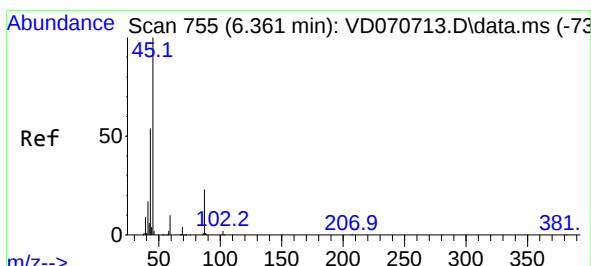
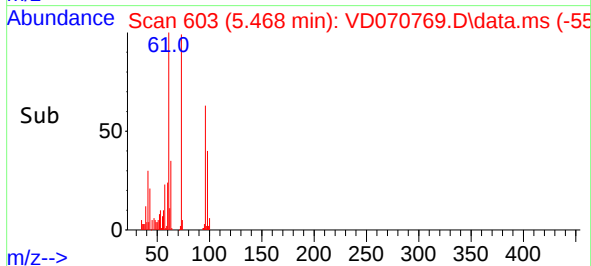
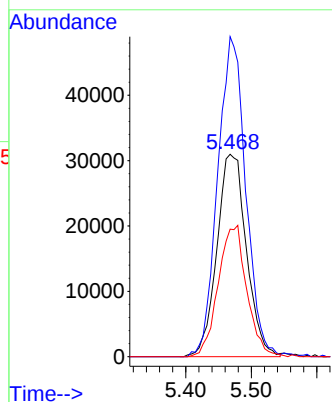
Instrument :
MSVOA_D
ClientSampleId :
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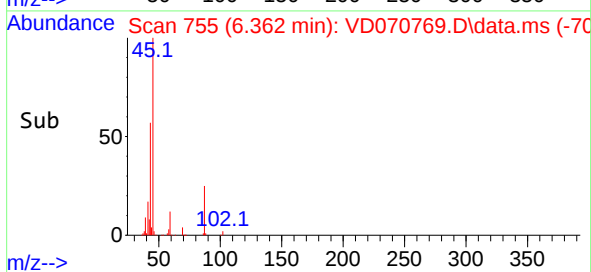
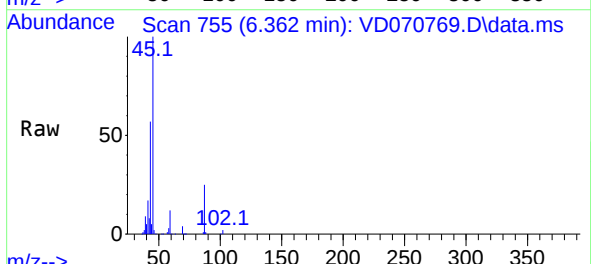
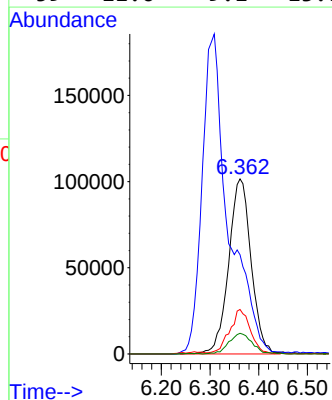


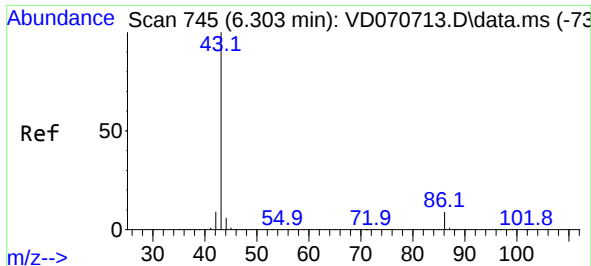
Tgt Ion: 96 Resp: 96763
Ion Ratio Lower Upper
96 100
61 158.0 111.1 166.7
98 63.0 51.9 77.9



#22
Diisopropyl ether
Concen: 20.10 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 45 Resp: 324239
Ion Ratio Lower Upper
45 100
43 55.9 40.6 61.0
87 25.0 24.6 37.0
59 11.6 9.1 13.7





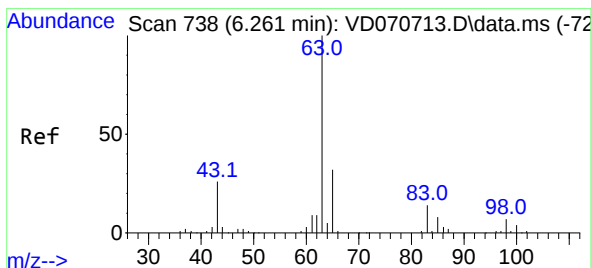
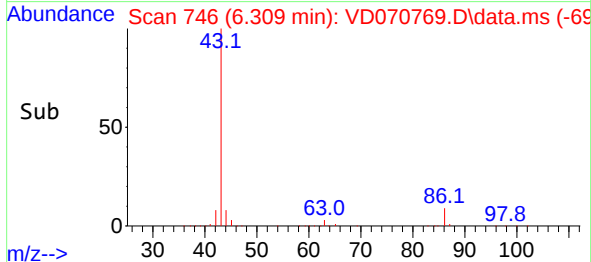
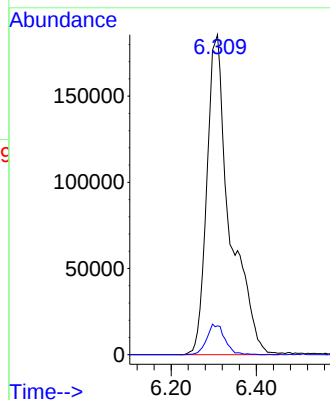
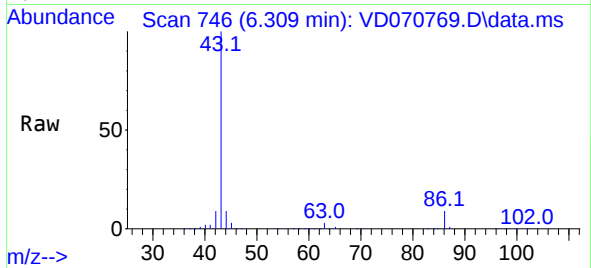
#23
 Vinyl Acetate
 Concen: 92.55 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD070769.D
 Acq: 20 Oct 2021 12:04

Tgt Ion: 43 Resp: 697072
 Ion Ratio Lower Upper
 43 100
 86 9.0 9.8 14.6#

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1020SBS01

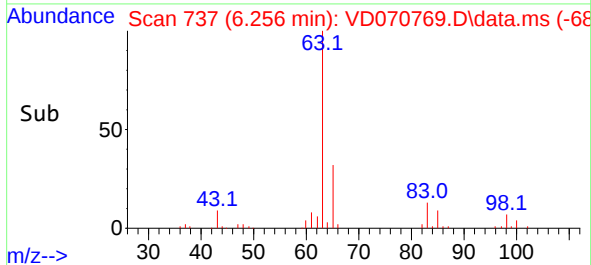
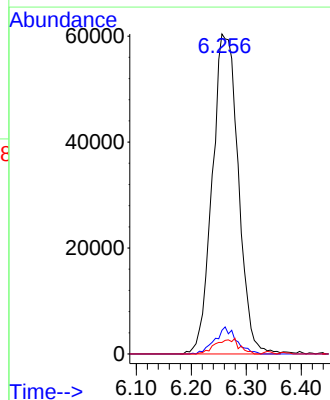
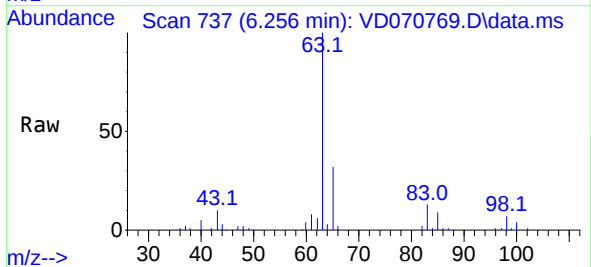
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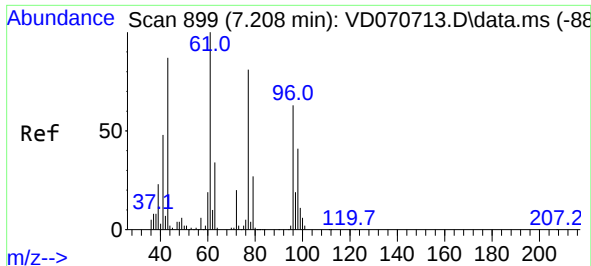
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#24
 1,1-Dichloroethane
 Concen: 19.72 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD070769.D
 Acq: 20 Oct 2021 12:04

Tgt Ion: 63 Resp: 198236
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.6 2.4 7.2





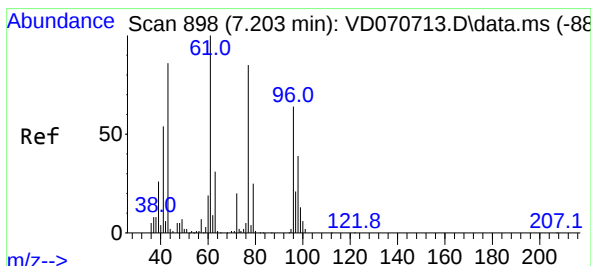
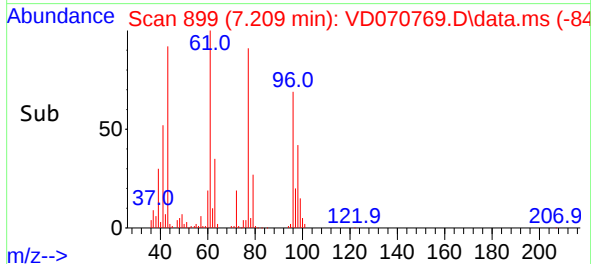
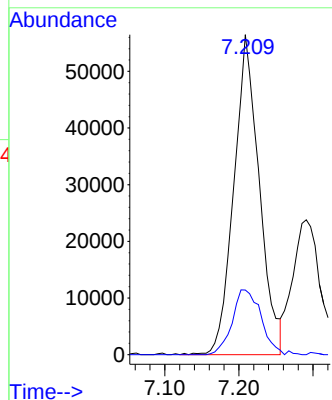
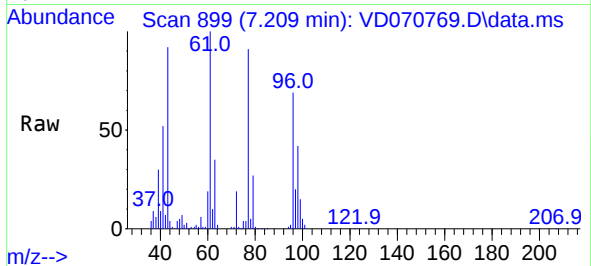
#25
2-Butanone
Concen: 94.73 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 43 Resp: 134628
Ion Ratio Lower Upper
43 100
72 20.2 25.2 37.8#

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

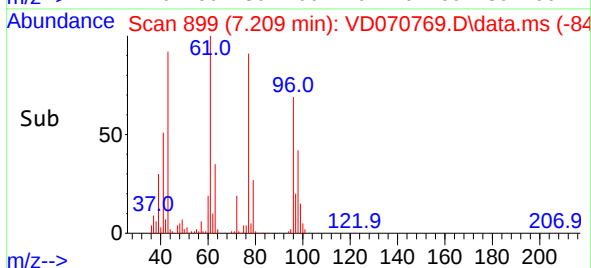
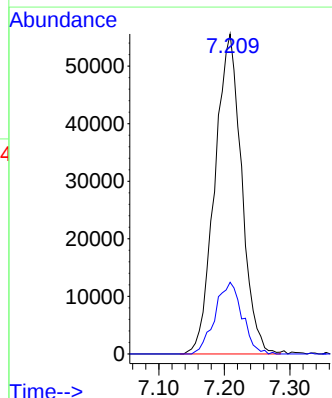
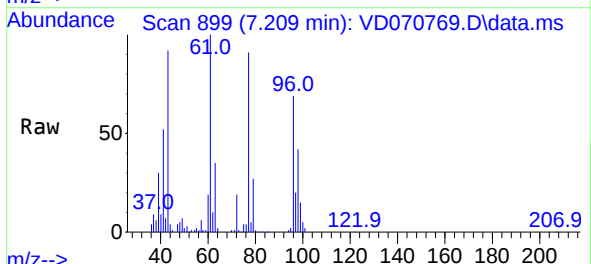
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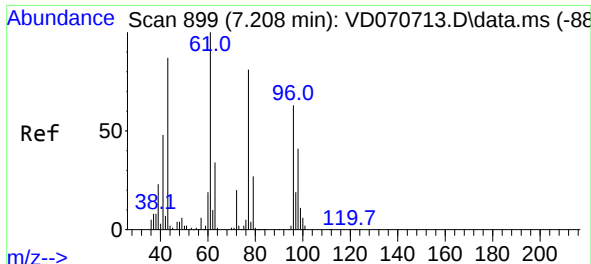
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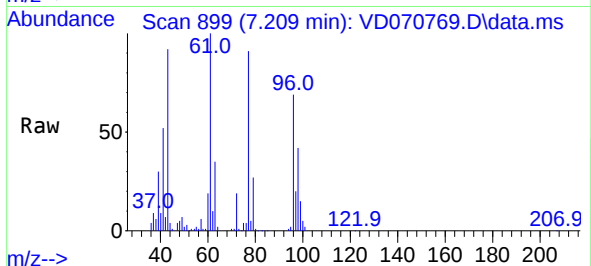
#26
2,2-Dichloropropane
Concen: 19.78 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 77 Resp: 157218
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.7

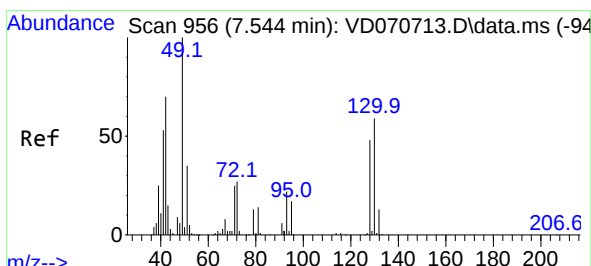
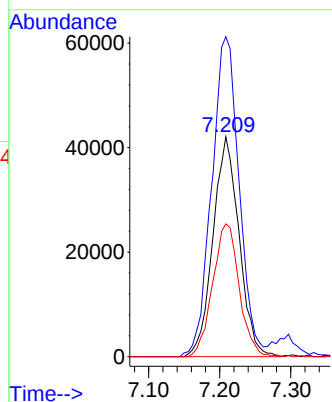
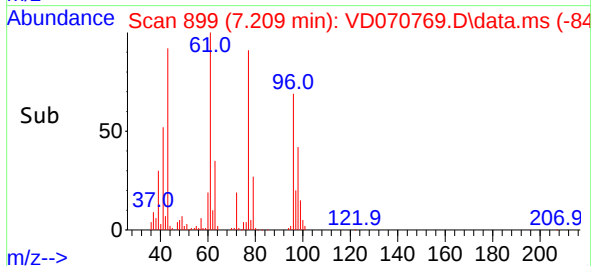




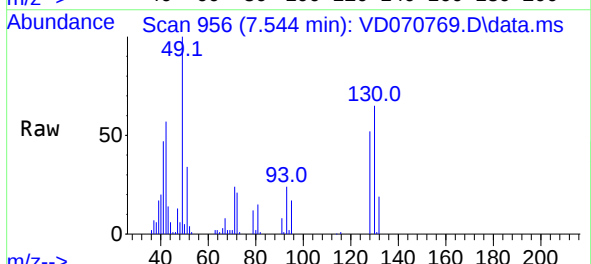
#27
cis-1,2-Dichloroethene
Concen: 19.91 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



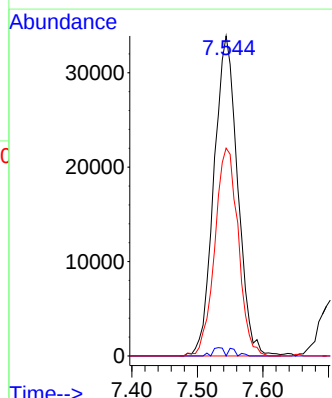
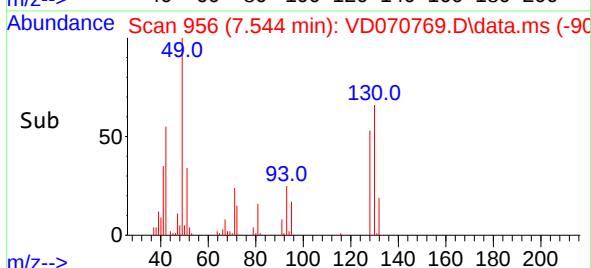
Tgt Ion: 96 Resp: 107208
Ion Ratio Lower Upper
96 100
61 152.6 0.0 278.2
98 61.5 0.0 128.6



#28
Bromochloromethane
Concen: 21.30 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



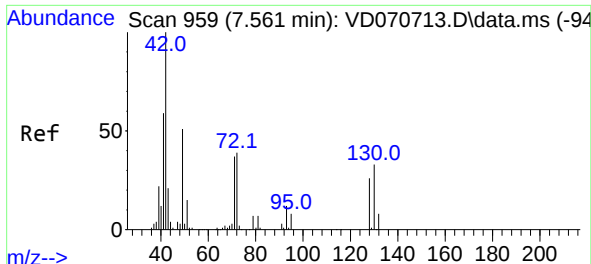
Tgt Ion: 49 Resp: 85099
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.8
130 64.1 62.4 93.6



Instrument :
MSVOA_D
ClientSampleId :
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#29

Tetrahydrofuran

Concen: 94.25 ug/l

RT: 7.556 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD070769.D

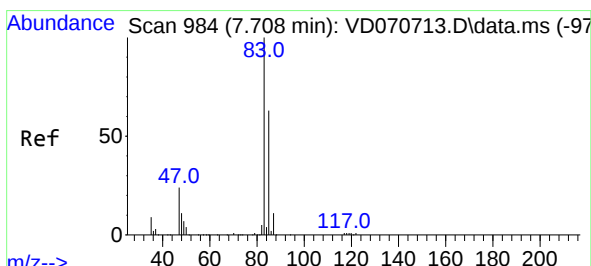
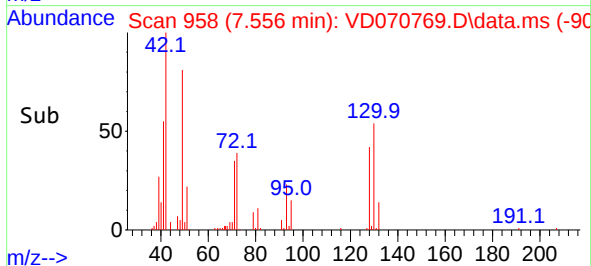
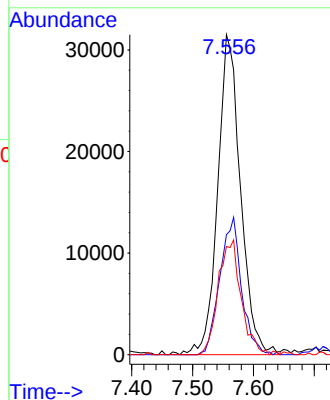
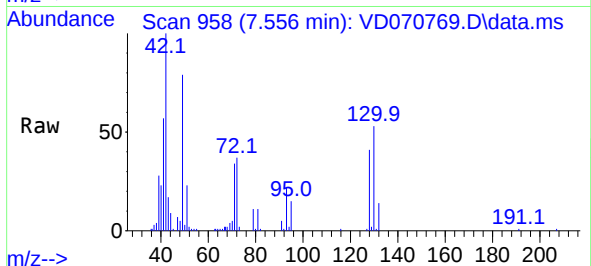
Acq: 20 Oct 2021 12:04

Tgt Ion:	42	Resp:	81999
Ion	Ratio	Lower	Upper
42	100		
72	40.9	40.2	60.4
71	35.8	37.2	55.8#

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

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#30

Chloroform

Concen: 20.03 ug/l

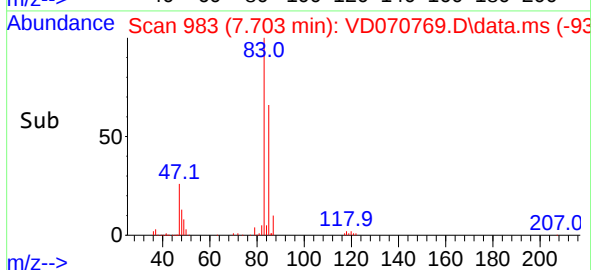
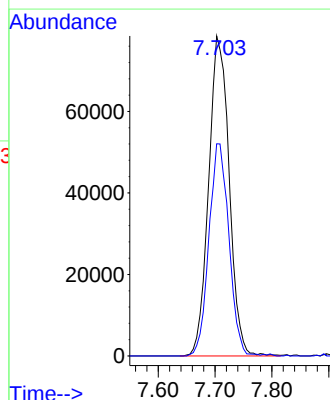
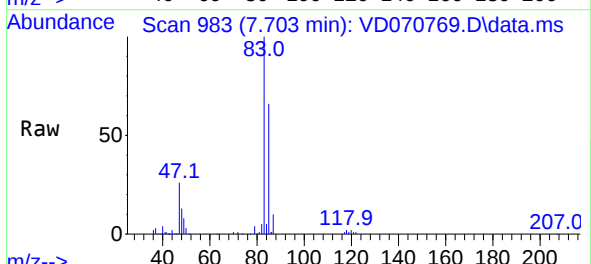
RT: 7.703 min Scan# 983

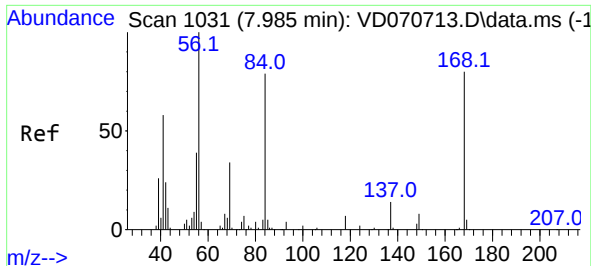
Delta R.T. -0.006 min

Lab File: VD070769.D

Acq: 20 Oct 2021 12:04

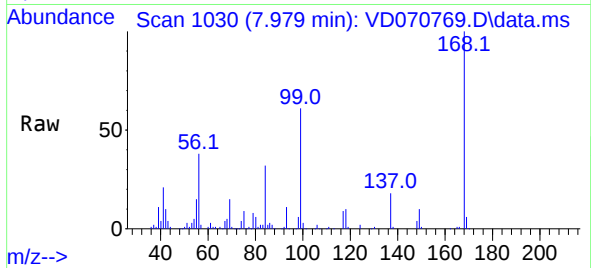
Tgt Ion:	83	Resp:	196659
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.2	76.8





#31
Cyclohexane
Concen: 17.77 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

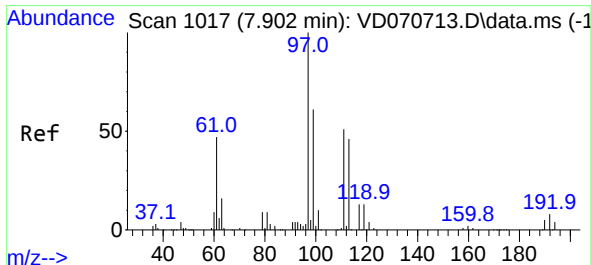
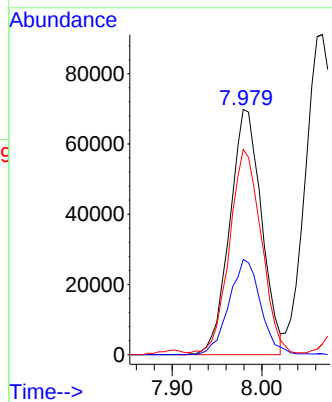
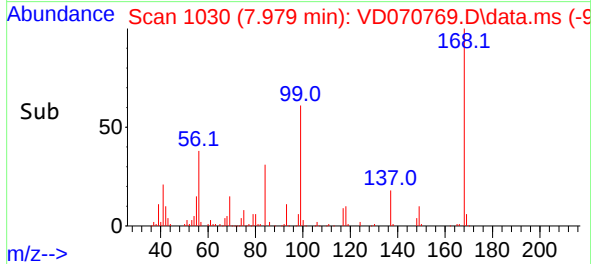
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



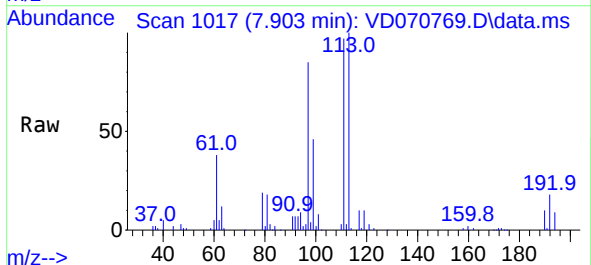
Tgt Ion: 56 Resp: 171523
Ion Ratio Lower Upper
56 100
69 38.8 27.4 41.2
84 82.3 73.6 110.4

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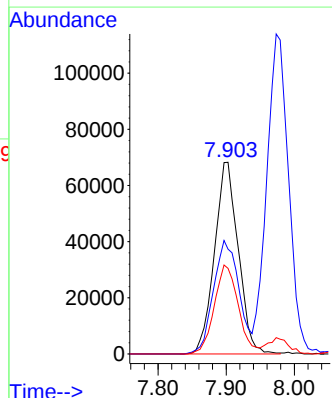
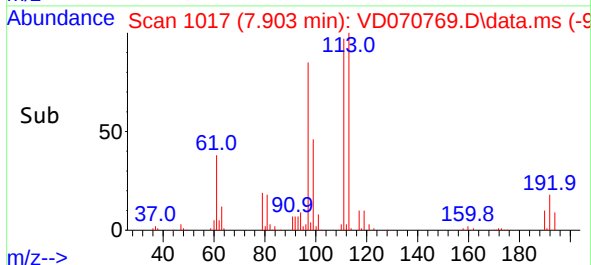
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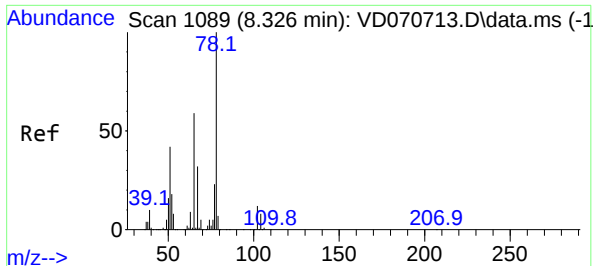


#32
1,1,1-Trichloroethane
Concen: 19.89 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



Tgt Ion: 97 Resp: 165665
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 46.9 32.5 48.7





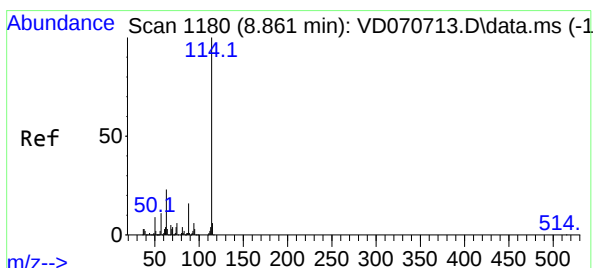
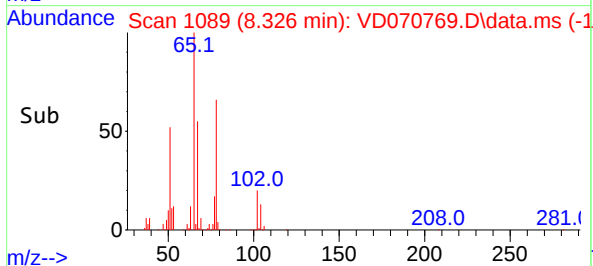
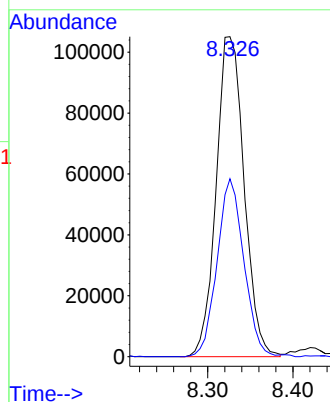
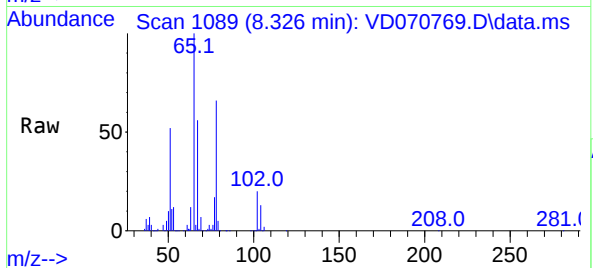
#33
1,2-Dichloroethane-d4
Concen: 50.34 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 65 Resp: 240106
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.2

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

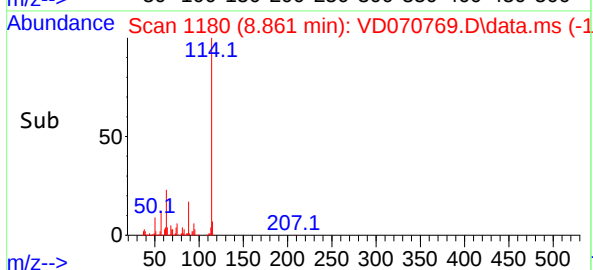
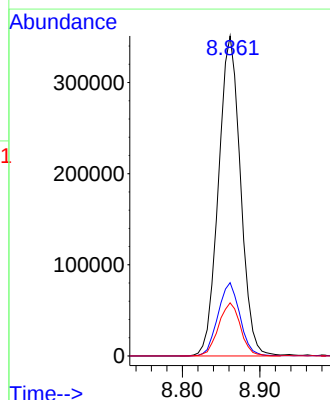
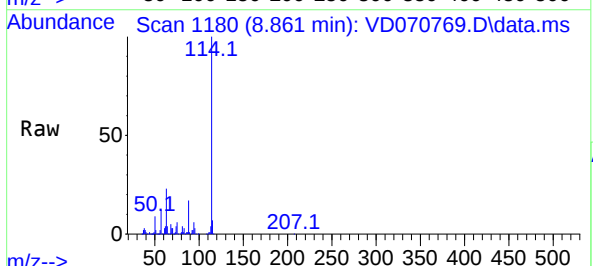
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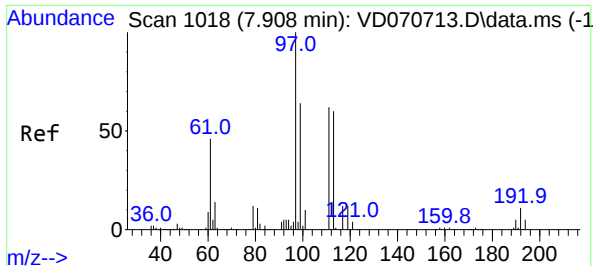
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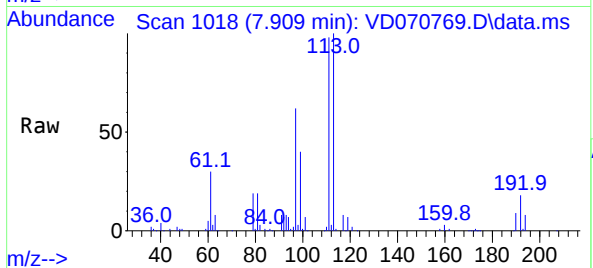
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 114 Resp: 692540
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.8
88 16.6 0.0 32.6

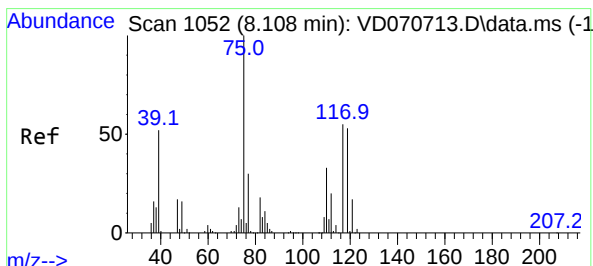
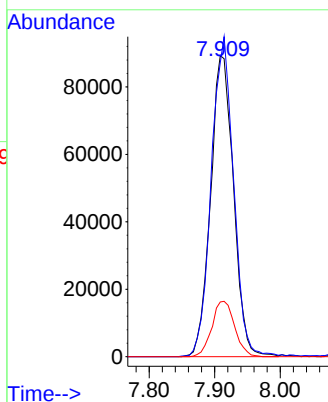
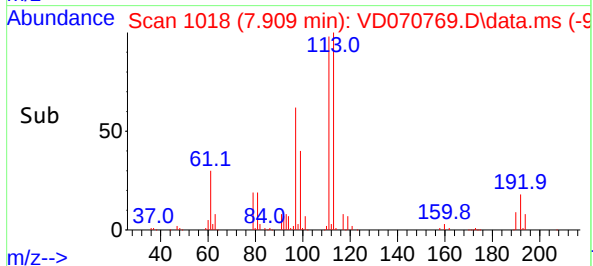




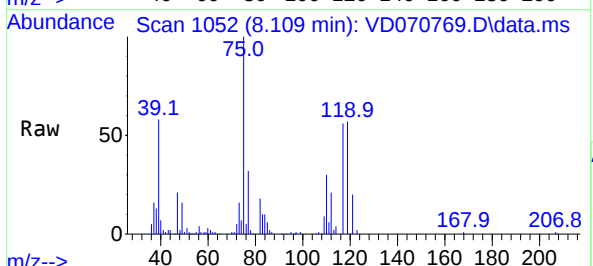
#35
Dibromofluoromethane
Concen: 48.89 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



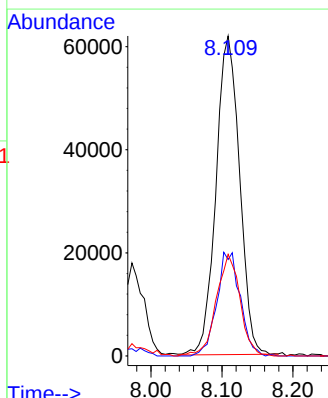
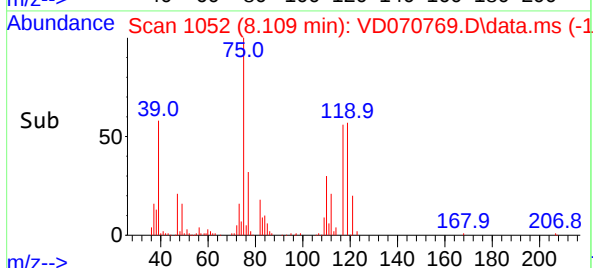
Tgt Ion:113 Resp: 216808
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 18.44 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



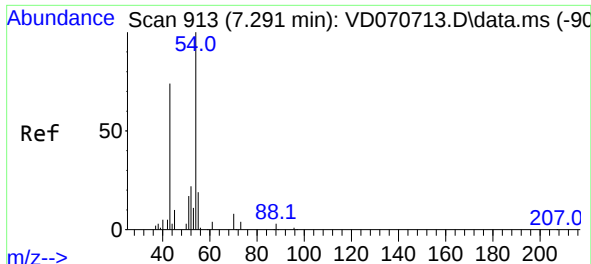
Tgt Ion: 75 Resp: 142251
Ion Ratio Lower Upper
75 100
110 32.4 17.2 51.6
77 32.3 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

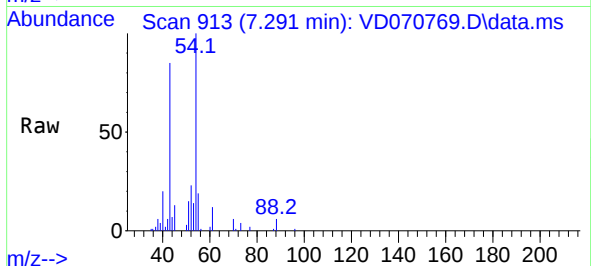
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#37
Ethyl Acetate
Concen: 19.74 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

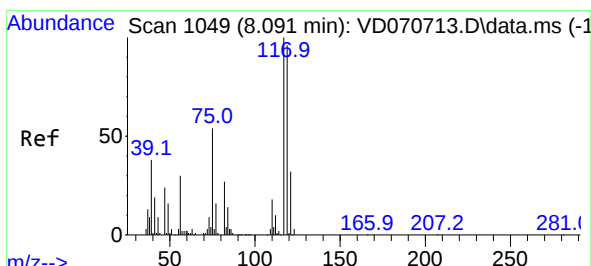
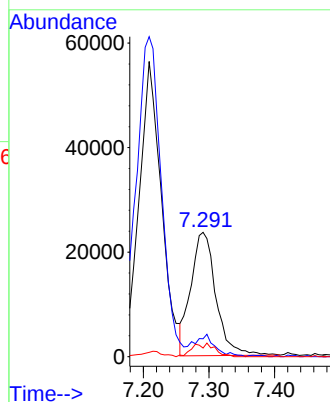
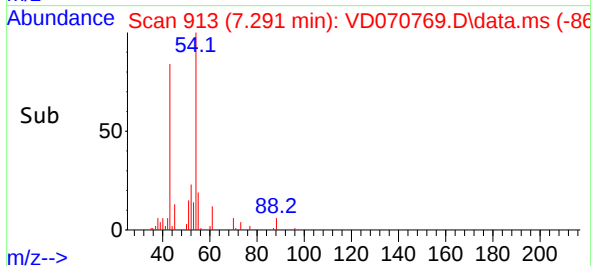
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



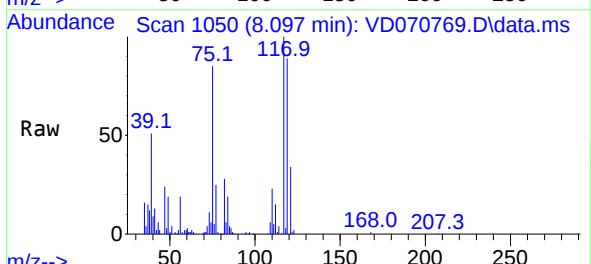
Tgt Ion: 43 Resp: 63091
Ion Ratio Lower Upper
43 100
61 14.4 12.9 19.3
70 5.1 9.9 14.9#

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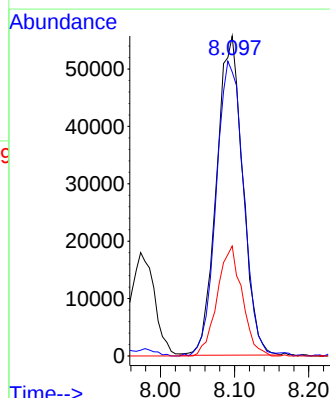
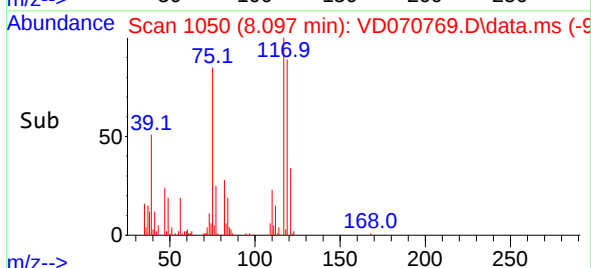
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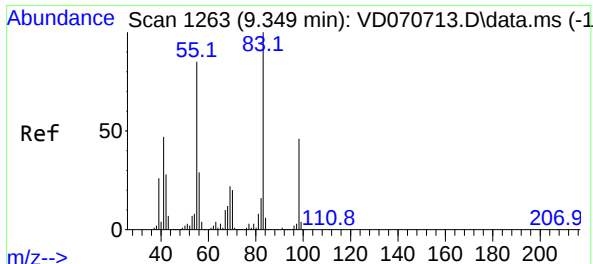


#38
Carbon Tetrachloride
Concen: 18.56 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



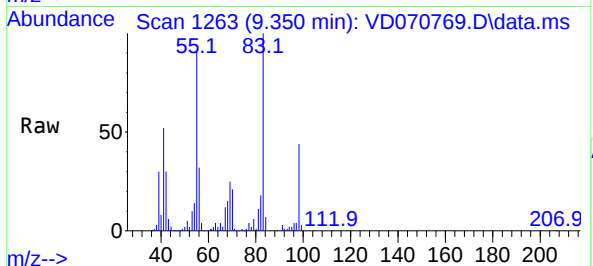
Tgt Ion: 117 Resp: 137119
Ion Ratio Lower Upper
117 100
119 89.0 77.4 116.0
121 34.5 25.4 38.0





#39
Methylcyclohexane
Concen: 16.73 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.001 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

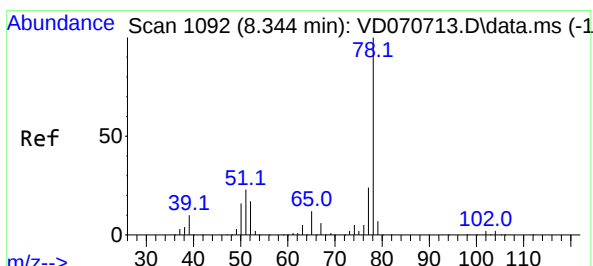
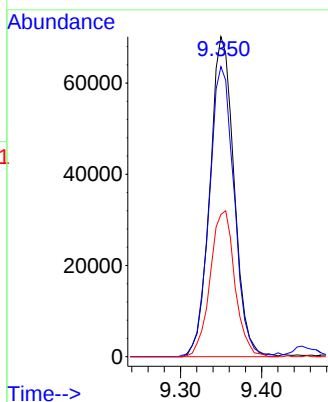
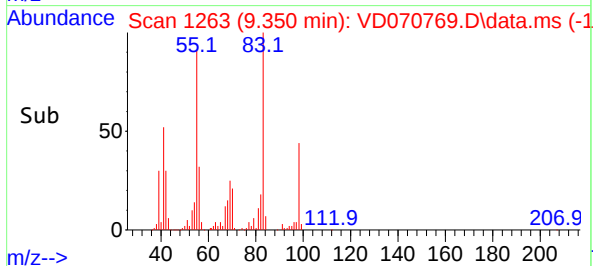
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



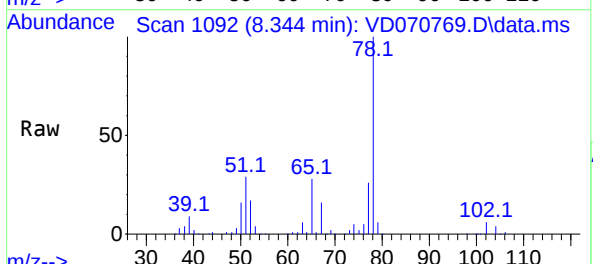
Tgt Ion: 83 Resp: 145520
Ion Ratio Lower Upper
83 100
55 90.6 58.2 87.4#
98 44.4 36.9 55.3

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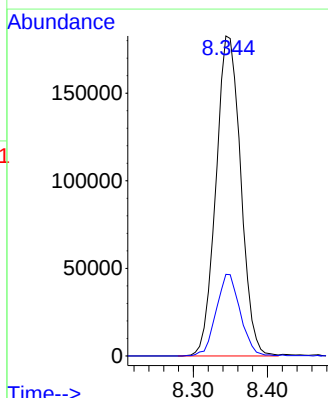
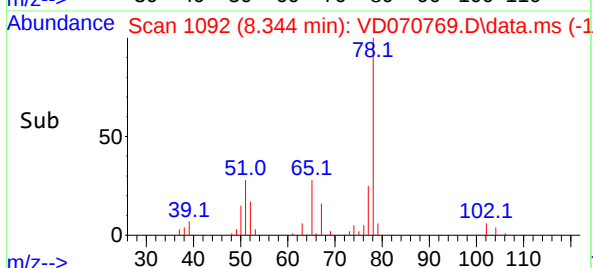
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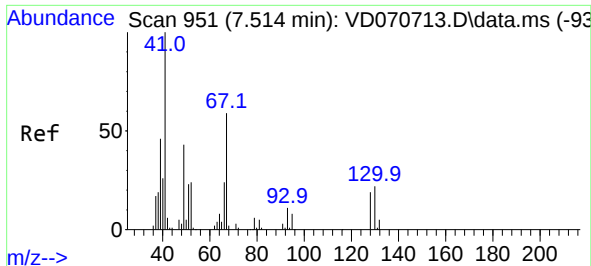


#40
Benzene
Concen: 19.08 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

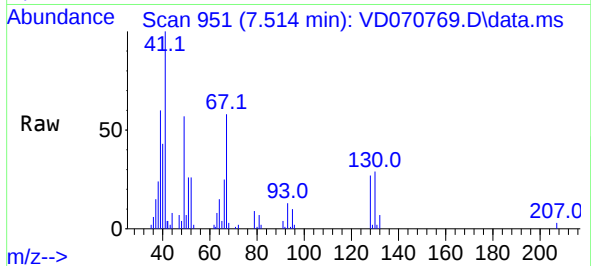


Tgt Ion: 78 Resp: 423938
Ion Ratio Lower Upper
78 100
77 25.5 18.9 28.3

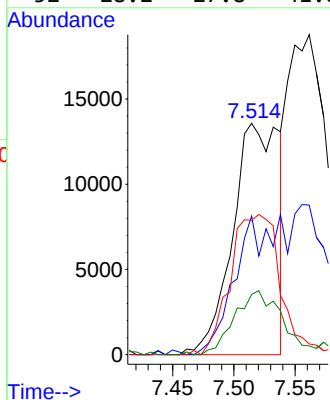
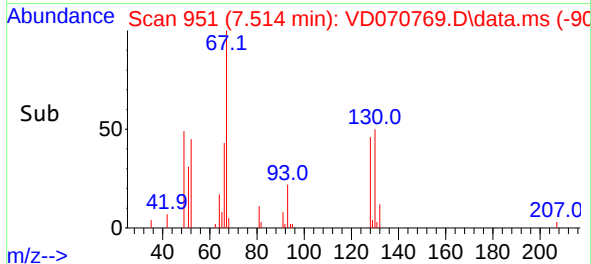




#41
Methacrylonitrile
Concen: 19.03 ug/l m
RT: 7.514 min Scan# 951
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



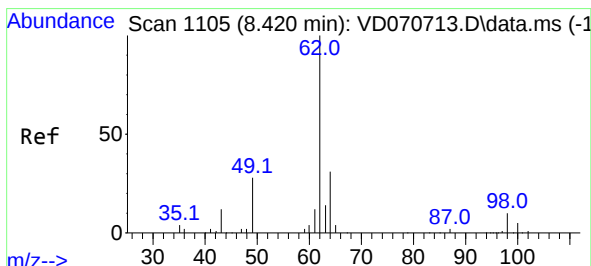
Tgt Ion: 41 Resp: 35828
Ion Ratio Lower Upper
41 100
39 33.3 45.2 67.8#
67 65.7 75.8 113.6#
52 28.2 27.8 41.8



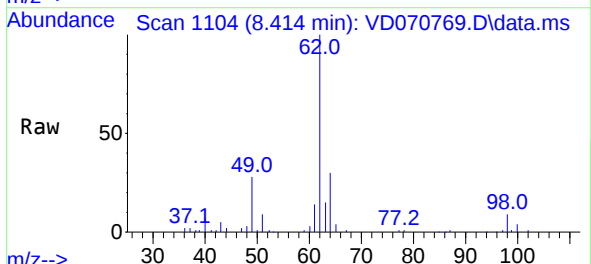
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

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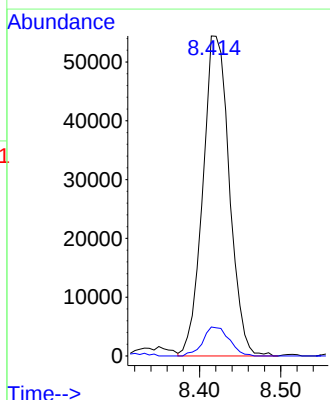
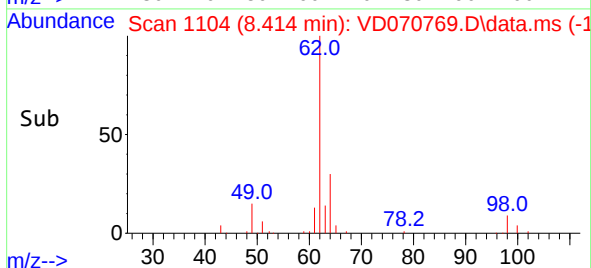
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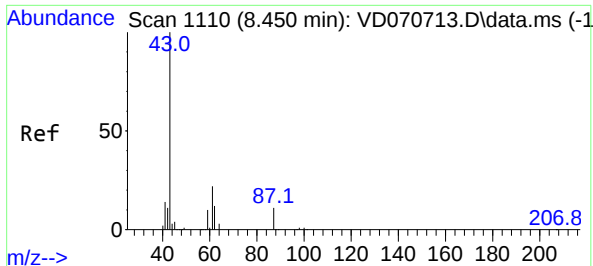


#42
1,2-Dichloroethane
Concen: 19.61 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

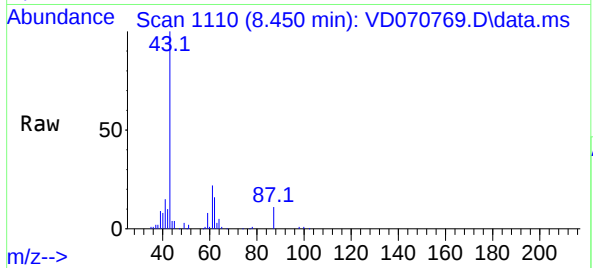


Tgt Ion: 62 Resp: 123636
Ion Ratio Lower Upper
62 100
98 9.0 0.0 22.0



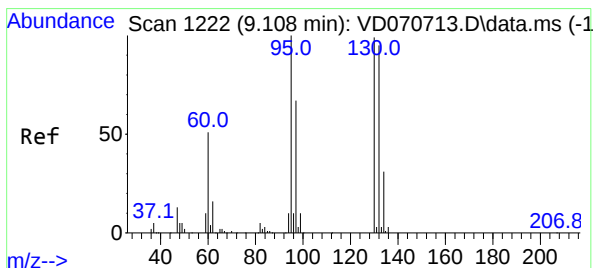
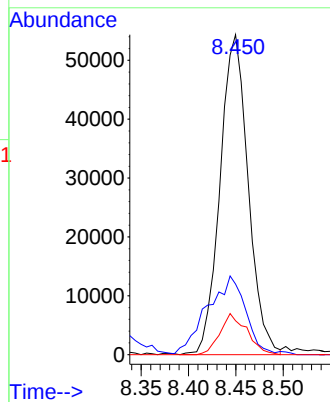
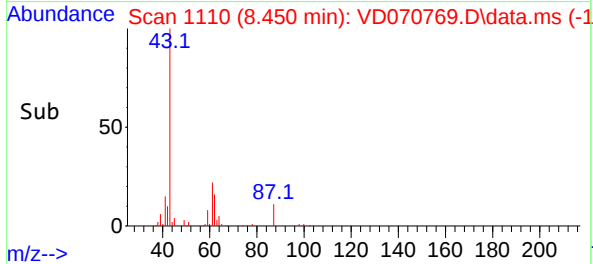


#43
Isopropyl Acetate
Concen: 18.44 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

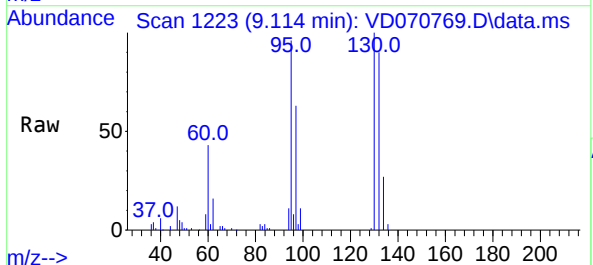


Tgt Ion: 43 Resp: 112428

Ion	Ratio	Lower	Upper
43	100		
61	33.8	29.0	43.4
87	12.3	11.8	17.6

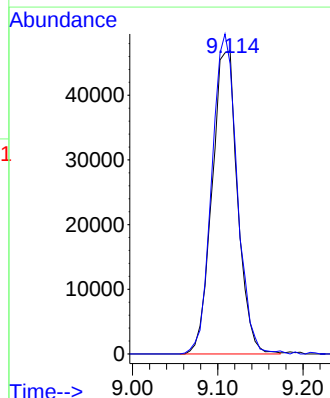
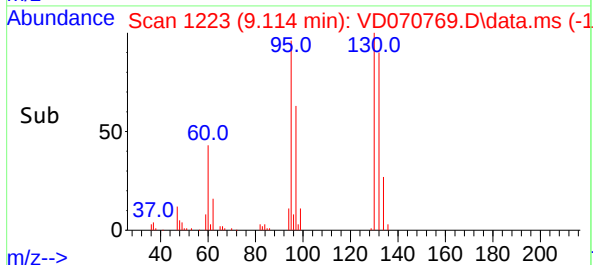


#44
Trichloroethene
Concen: 18.69 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



Tgt Ion: 130 Resp: 97534

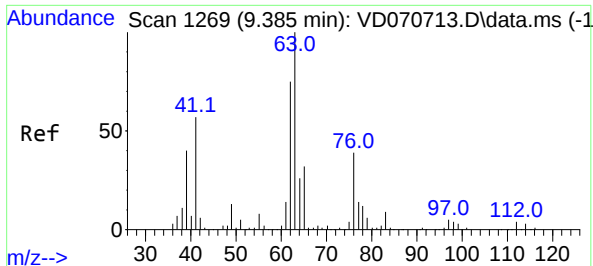
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	200.8



Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

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#45

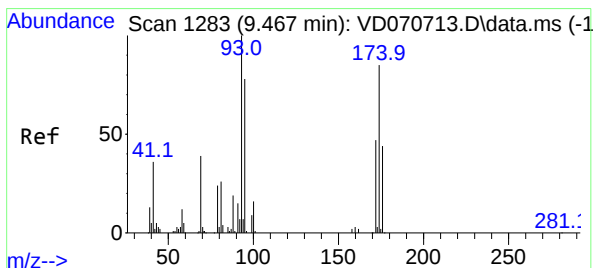
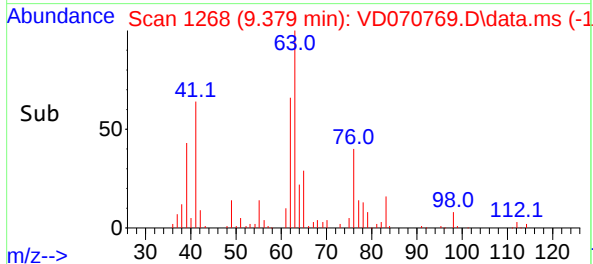
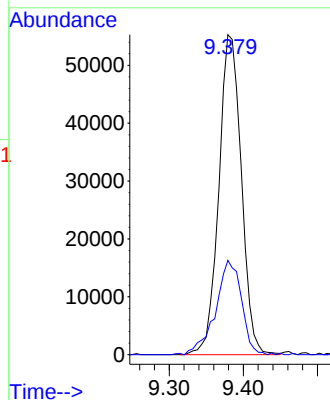
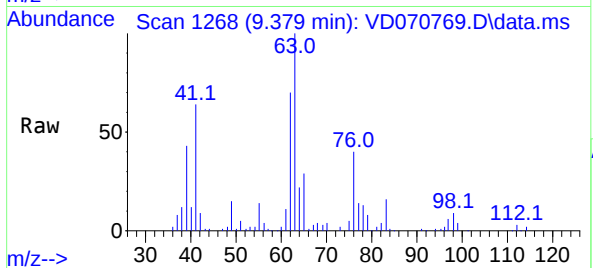
1,2-Dichloropropane
Concen: 19.87 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 63 Resp: 116663
Ion Ratio Lower Upper
63 100
65 29.1 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

Manual Integrations
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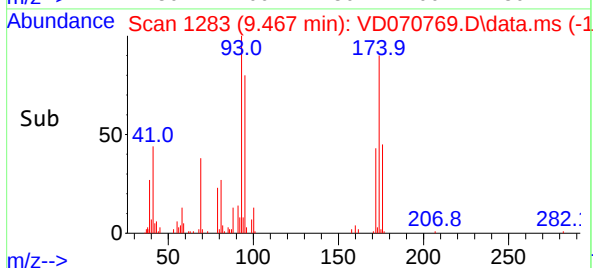
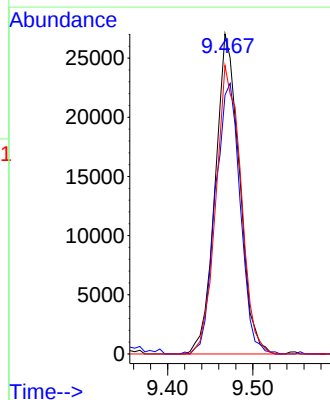
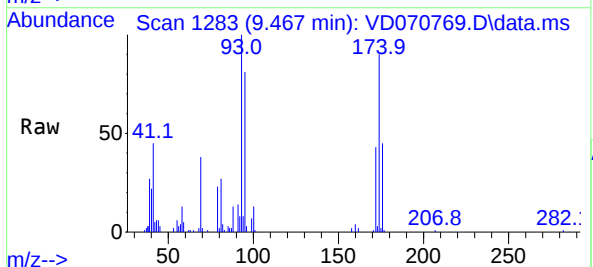
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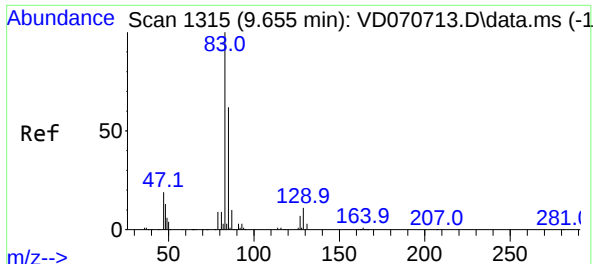


#46

Dibromomethane
Concen: 19.00 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 93 Resp: 53412
Ion Ratio Lower Upper
93 100
95 87.2 66.5 99.7
174 92.9 66.7 100.1





#47

Bromodichloromethane

Concen: 19.38 ug/l

RT: 9.656 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD070769.D

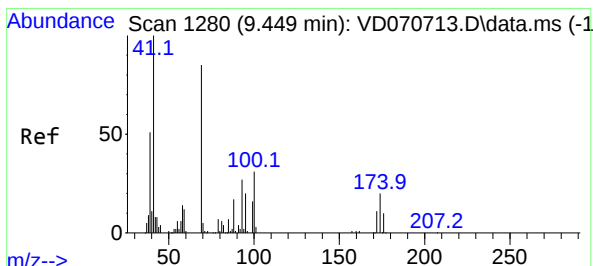
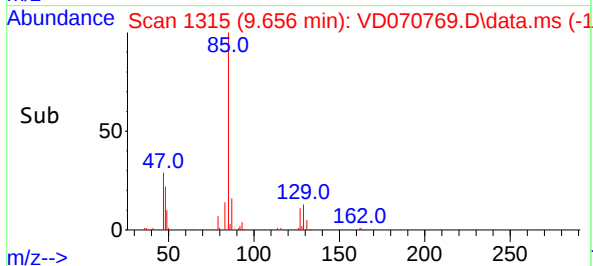
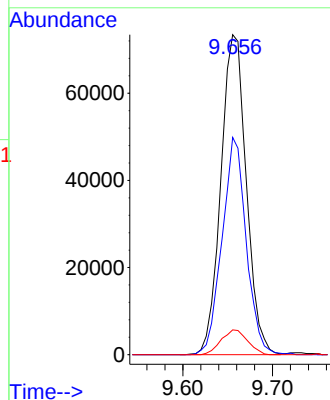
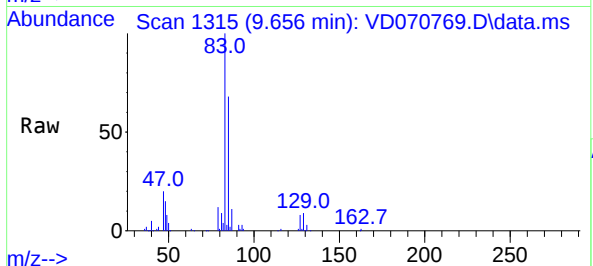
Acq: 20 Oct 2021 12:04

Tgt Ion:	83	Resp:	144535
Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.7	76.1
127	7.7	6.5	9.7

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

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#48

Methyl methacrylate

Concen: 17.11 ug/l

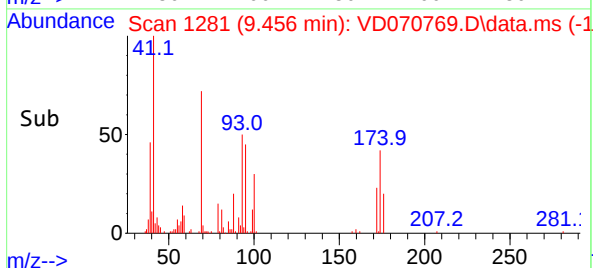
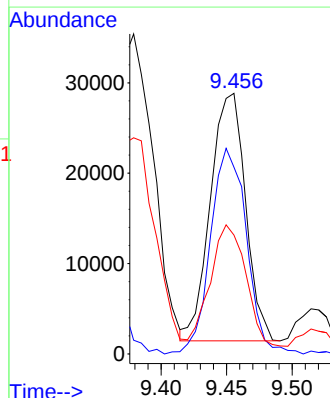
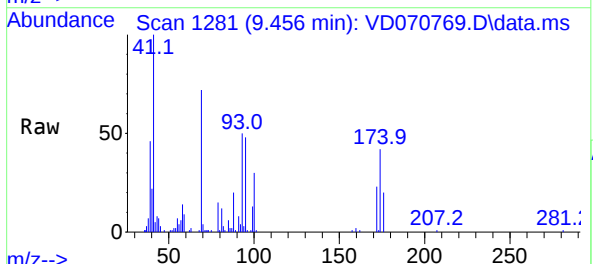
RT: 9.456 min Scan# 1281

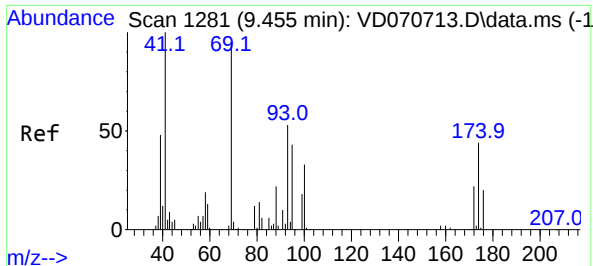
Delta R.T. 0.006 min

Lab File: VD070769.D

Acq: 20 Oct 2021 12:04

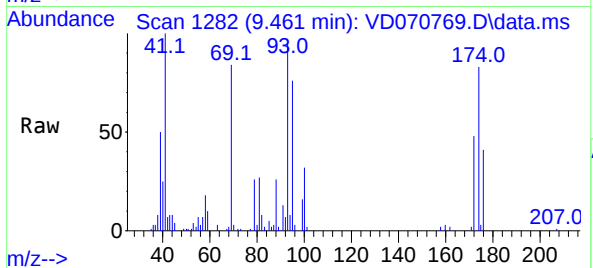
Tgt Ion:	41	Resp:	51089
Ion	Ratio	Lower	Upper
41	100		
69	85.2	78.5	117.7
39	55.0	34.9	52.3





#49
1,4-Dioxane
Concen: 363.58 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

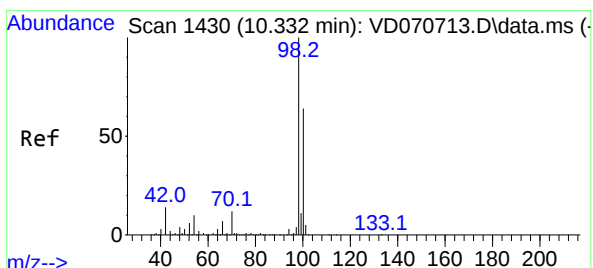
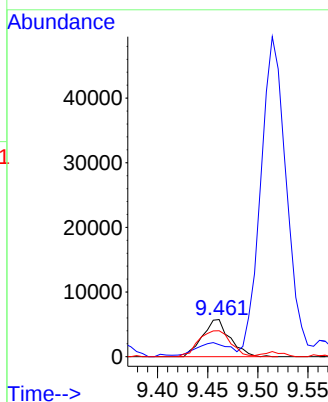
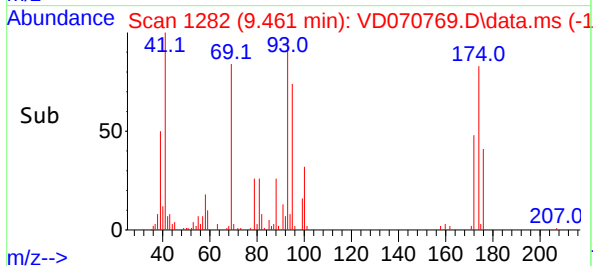
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01



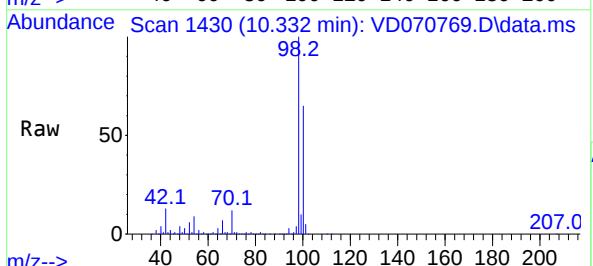
Tgt Ion: 88 Resp: 10975
Ion Ratio Lower Upper
88 100
43 39.4 25.1 37.7#
58 81.5 57.4 86.0

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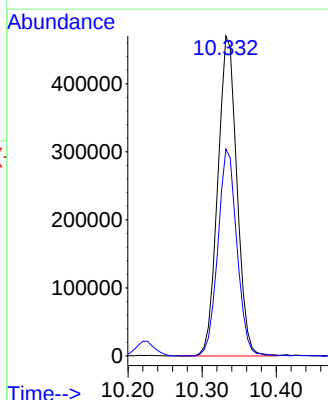
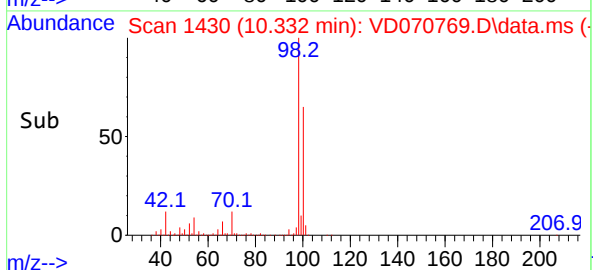
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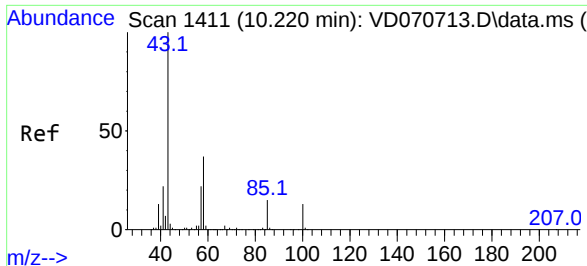


#50
Toluene-d8
Concen: 49.56 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



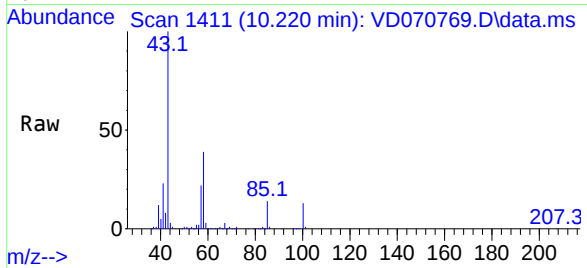
Tgt Ion: 98 Resp: 842462
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 93.04 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

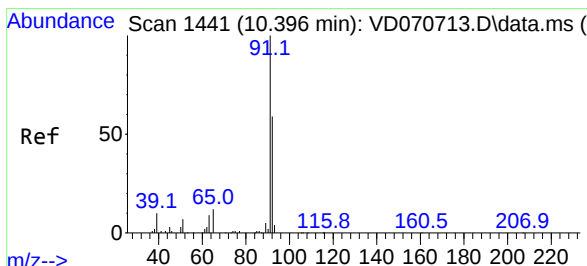
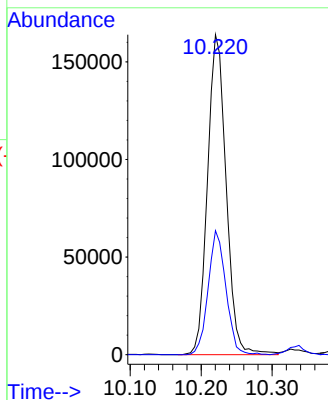
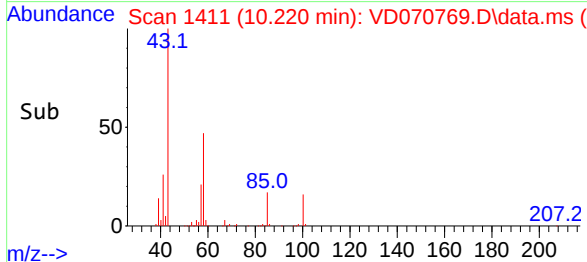
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



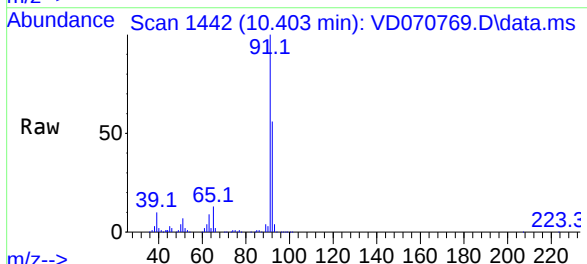
Tgt Ion: 43 Resp: 298995
Ion Ratio Lower Upper
43 100
58 36.9 35.0 52.6

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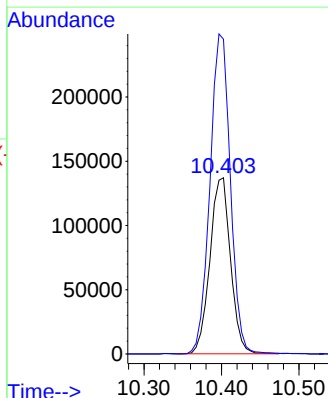
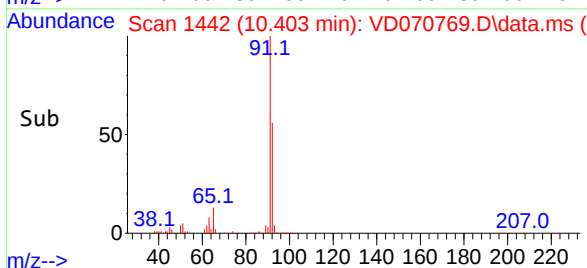
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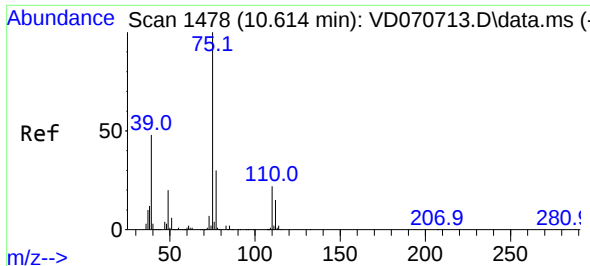


#52
Toluene
Concen: 19.10 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



Tgt Ion: 92 Resp: 252598
Ion Ratio Lower Upper
92 100
91 180.7 136.3 204.5





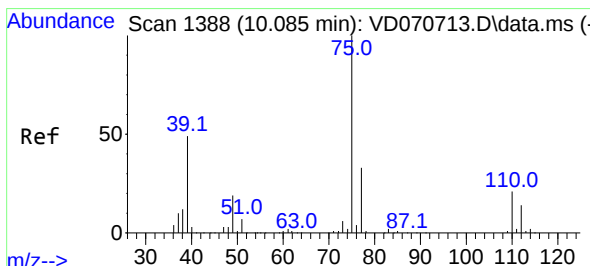
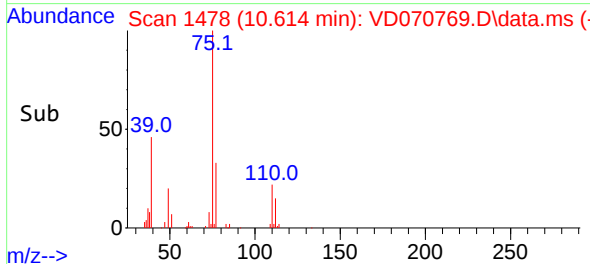
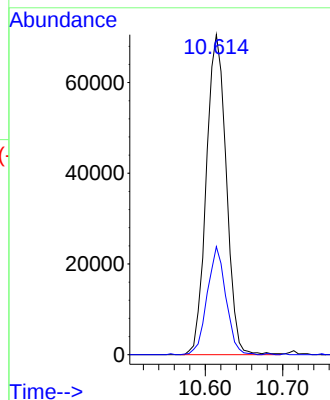
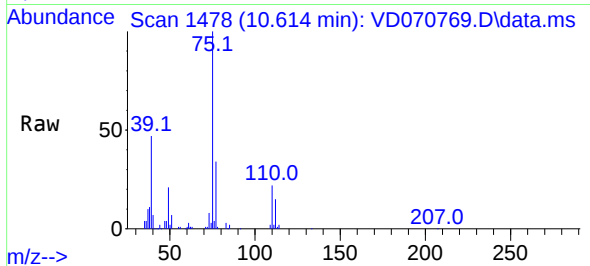
#53
t-1,3-Dichloropropene
Concen: 18.95 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 75 Resp: 126257
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

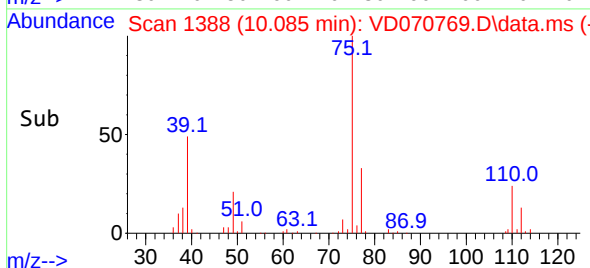
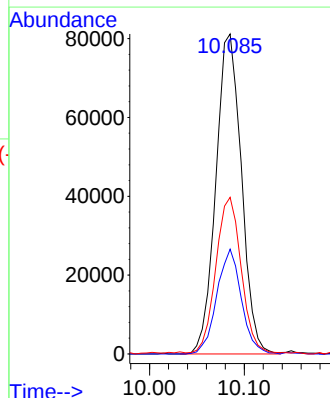
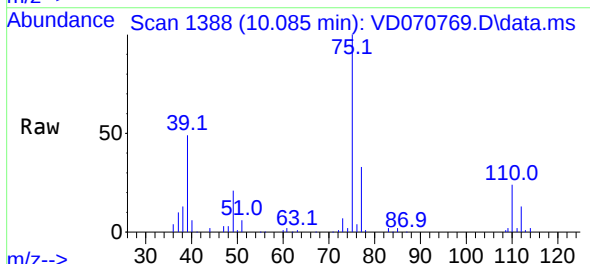
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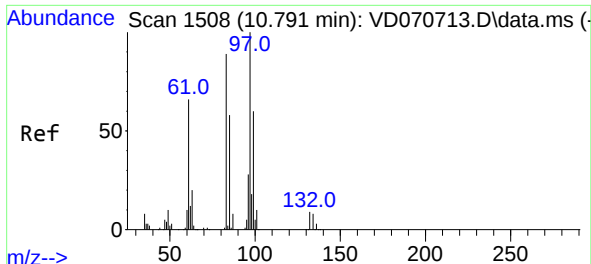
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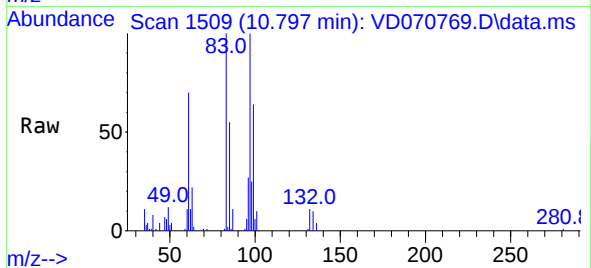
#54
cis-1,3-Dichloropropene
Concen: 19.12 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 75 Resp: 152453
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
39 48.5 27.8 41.6#



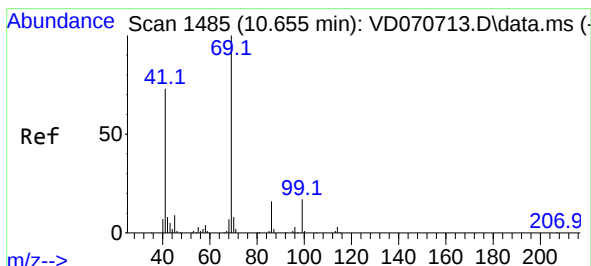
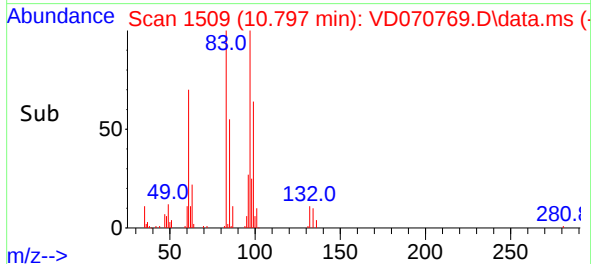
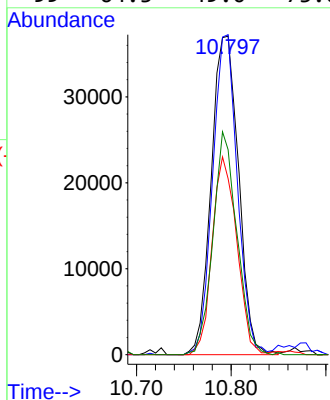


#55
1,1,2-Trichloroethane
Concen: 19.19 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

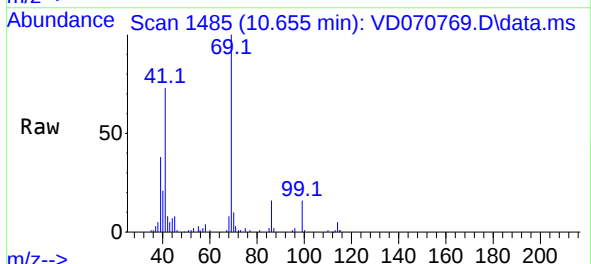


Tgt Ion: 97 Resp: 74098

Ion	Ratio	Lower	Upper
97	100		
83	100.5	69.1	103.7
85	55.3	43.0	64.6
99	64.3	49.0	73.6

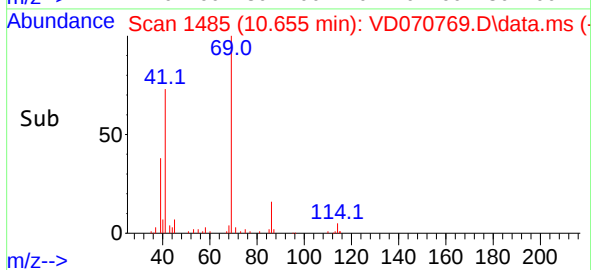
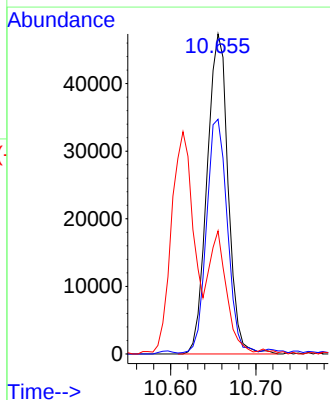


#56
Ethyl methacrylate
Concen: 18.41 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



Tgt Ion: 69 Resp: 81687

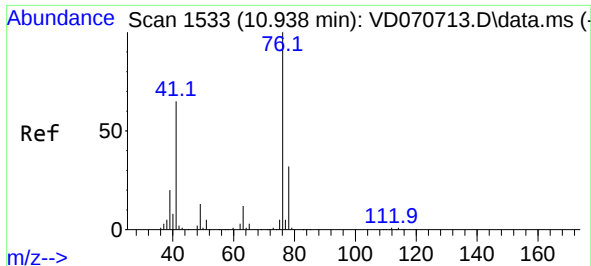
Ion	Ratio	Lower	Upper
69	100		
41	72.0	44.7	67.1#
39	31.4	19.5	29.3#



Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

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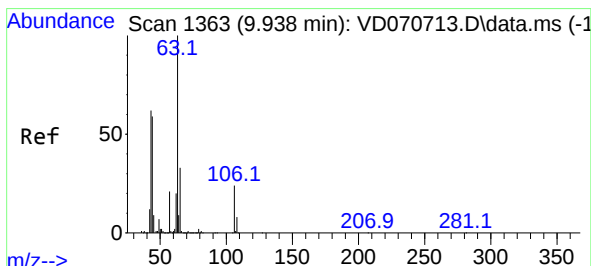
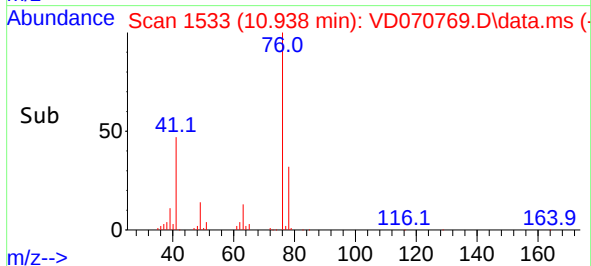
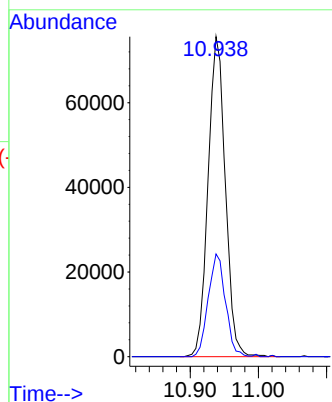
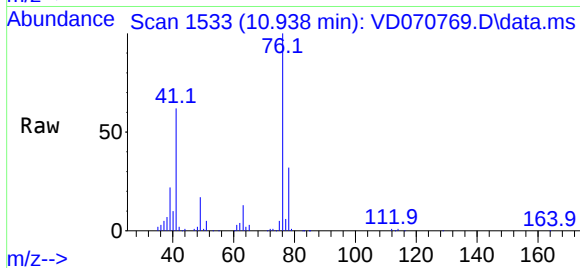
#57
1,3-Dichloropropane
Concen: 19.43 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 76 Resp: 133096
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

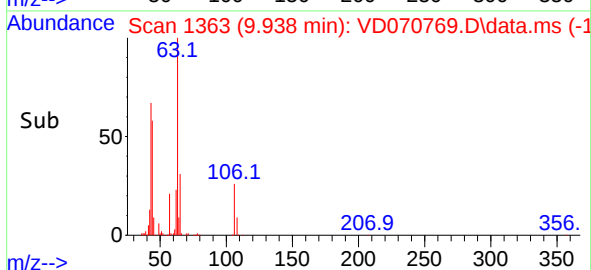
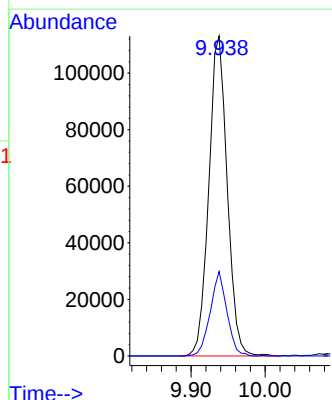
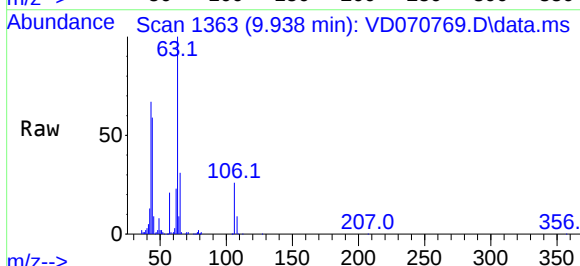
Manual Integrations
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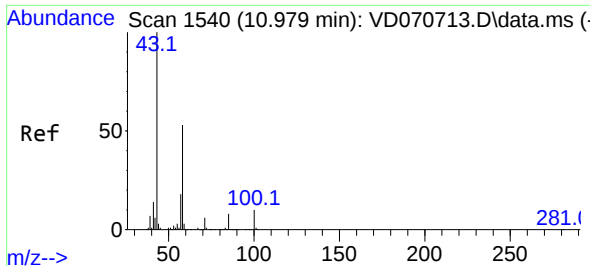
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#58
2-Chloroethyl Vinyl ether
Concen: 95.96 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 63 Resp: 195131
Ion Ratio Lower Upper
63 100
106 23.9 22.3 33.5





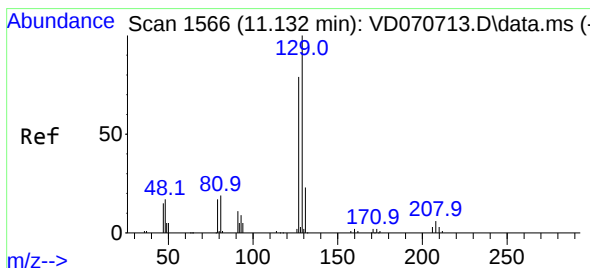
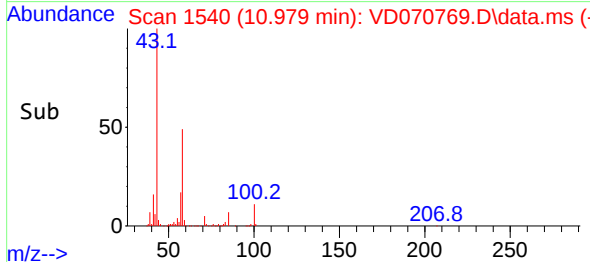
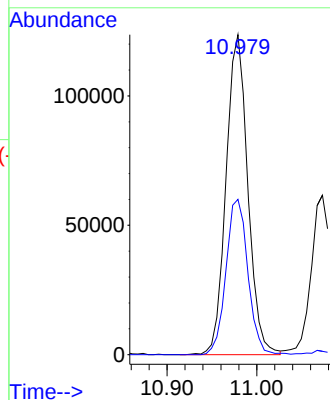
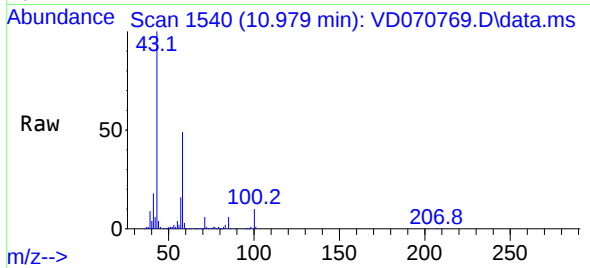
#59
2-Hexanone
Concen: 92.10 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 43 Resp: 208324
Ion Ratio Lower Upper
43 100
58 48.9 30.4 91.3

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

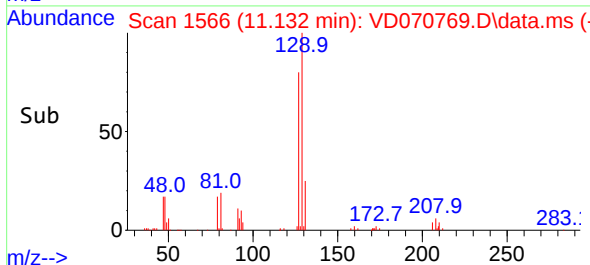
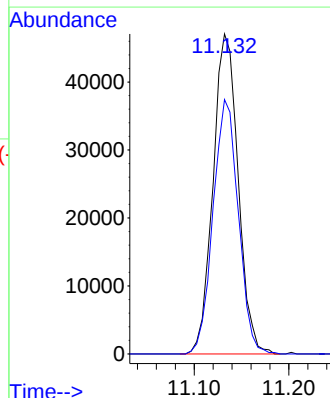
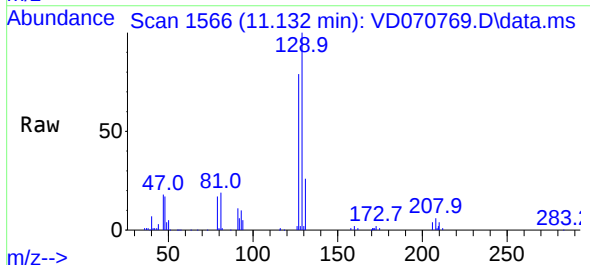
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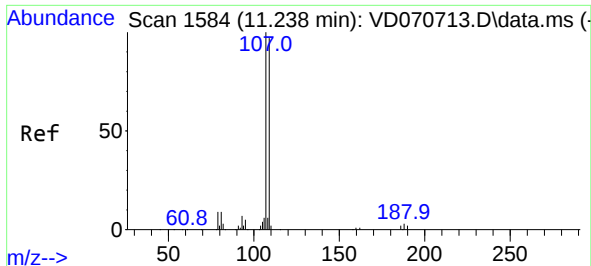
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#60
Dibromochloromethane
Concen: 19.58 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 129 Resp: 86902
Ion Ratio Lower Upper
129 100
127 79.9 38.6 115.8





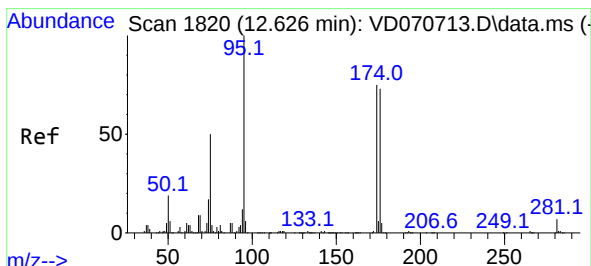
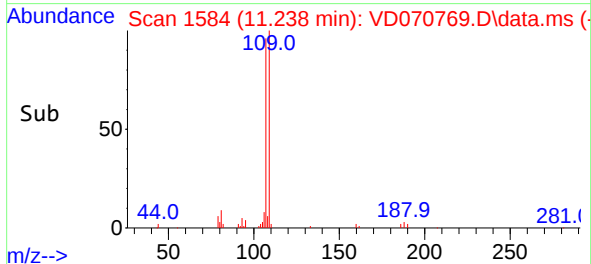
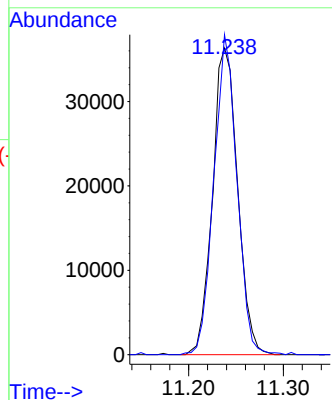
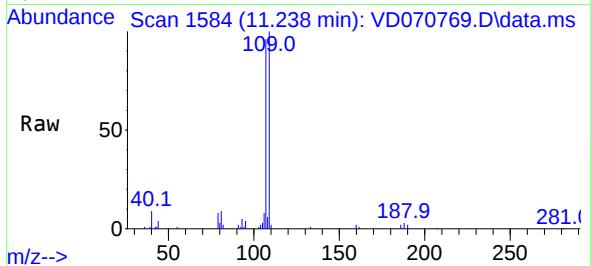
#61
1,2-Dibromoethane
Concen: 18.89 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 107 Resp: 66723
Ion Ratio Lower Upper
107 100
109 96.2 75.0 112.6

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

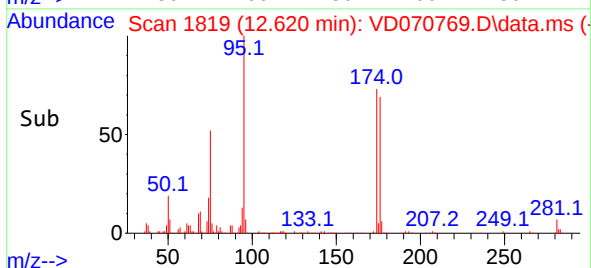
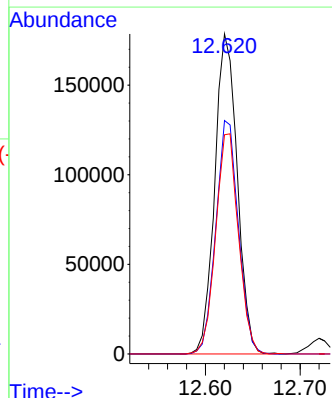
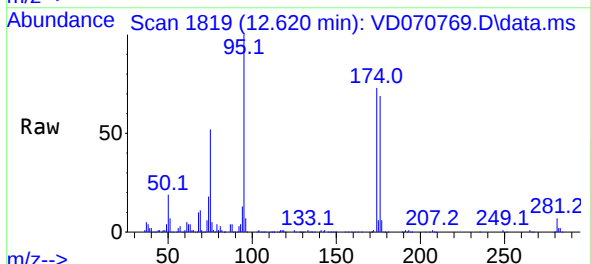
Manual Integrations
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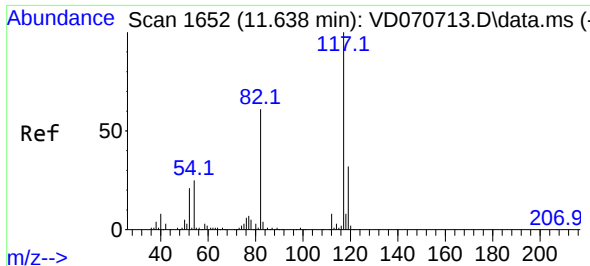
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#62
4-Bromofluorobenzene
Concen: 50.30 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

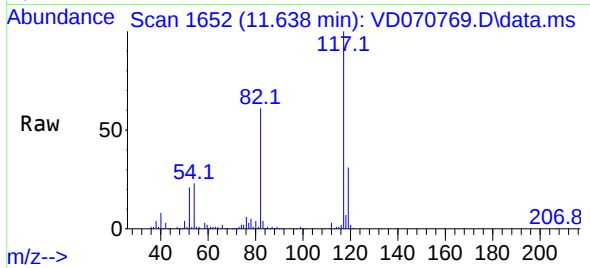
Tgt Ion: 95 Resp: 294384
Ion Ratio Lower Upper
95 100
174 73.3 0.0 138.0
176 69.9 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

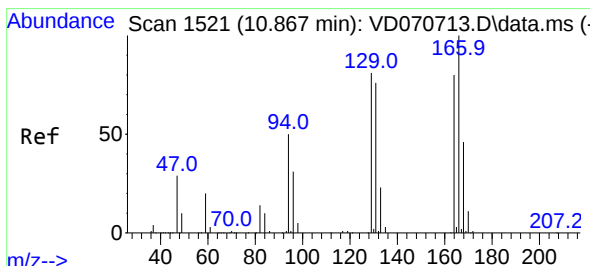
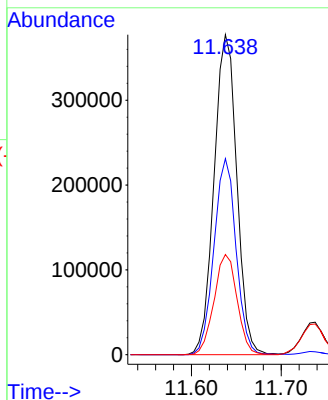
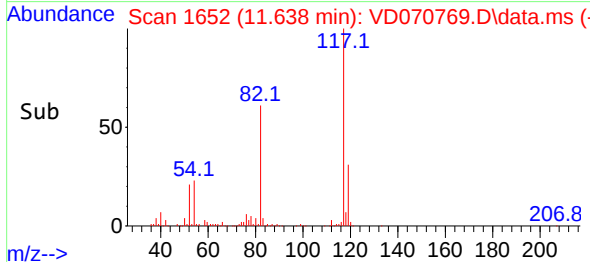
Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01



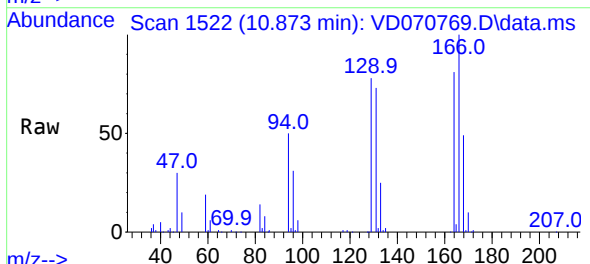
Tgt Ion:117 Resp: 664505
Ion Ratio Lower Upper
117 100
82 61.3 45.4 68.2
119 31.3 24.7 37.1

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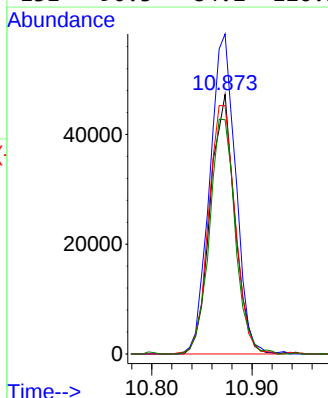
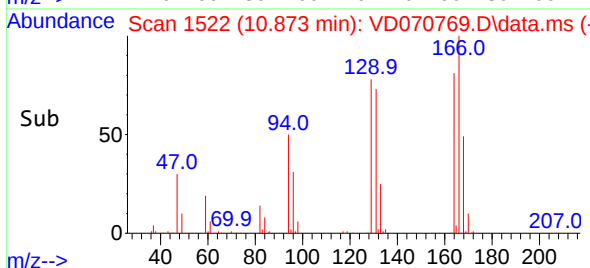
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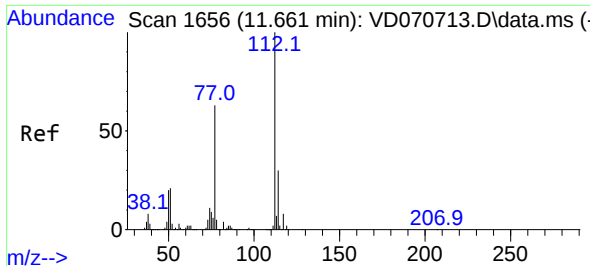


#64
Tetrachloroethene
Concen: 18.08 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



Tgt Ion:164 Resp: 80711
Ion Ratio Lower Upper
164 100
166 123.3 105.8 158.6
129 95.7 83.8 125.6
131 90.3 84.2 126.2





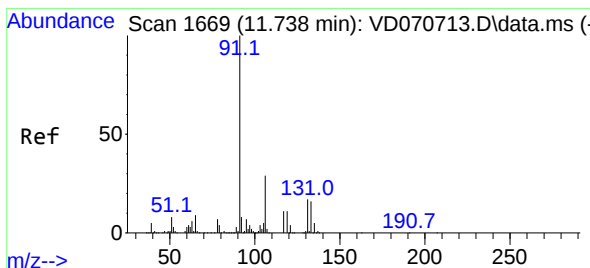
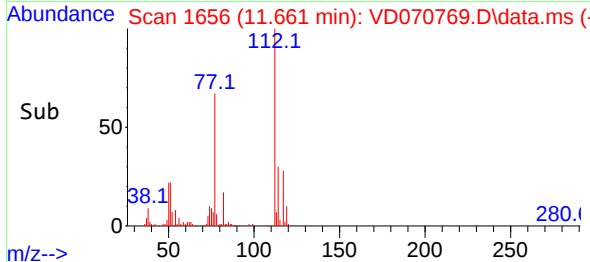
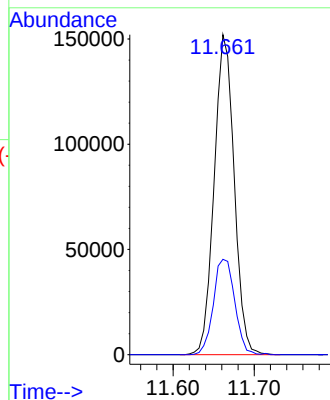
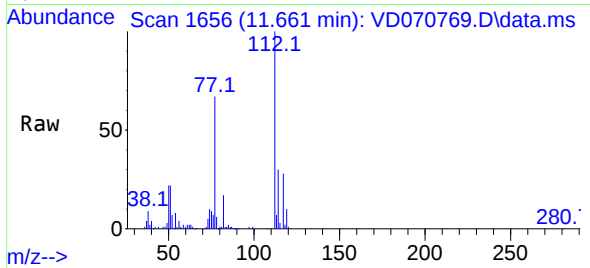
#65
Chlorobenzene
Concen: 19.11 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:112 Resp: 260404
Ion Ratio Lower Upper
112 100
114 29.8 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
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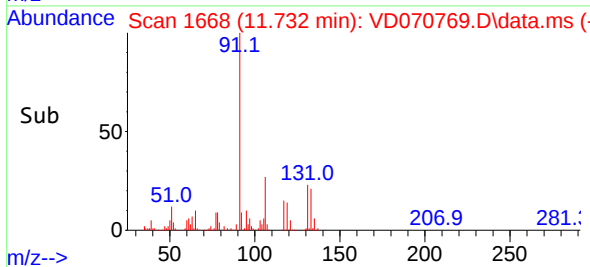
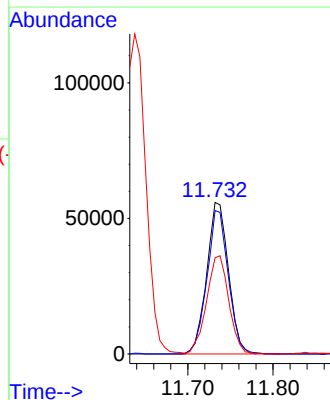
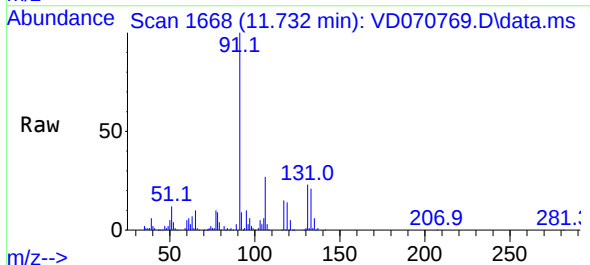
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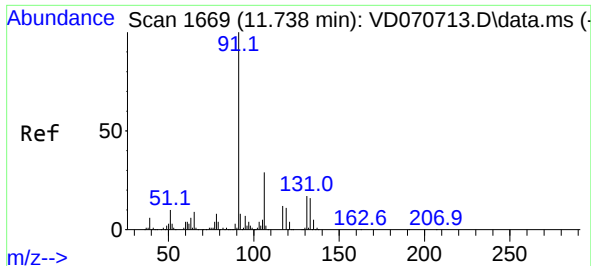
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.60 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:131 Resp: 98809
Ion Ratio Lower Upper
131 100
133 93.5 46.8 140.3
119 66.4 32.6 97.7





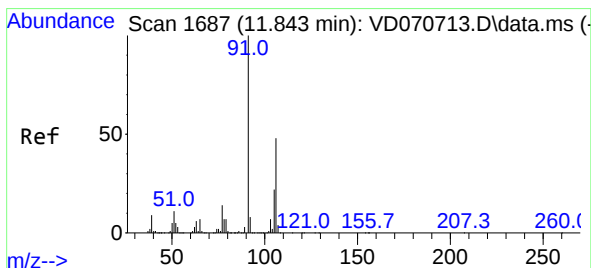
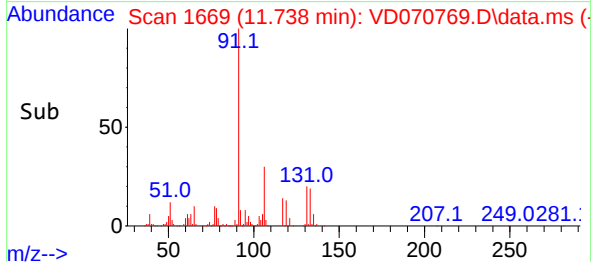
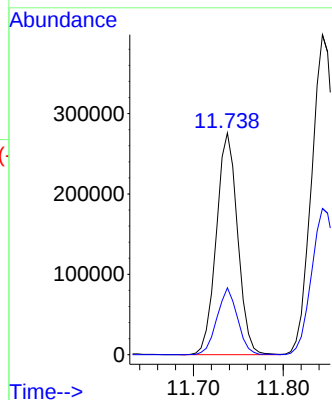
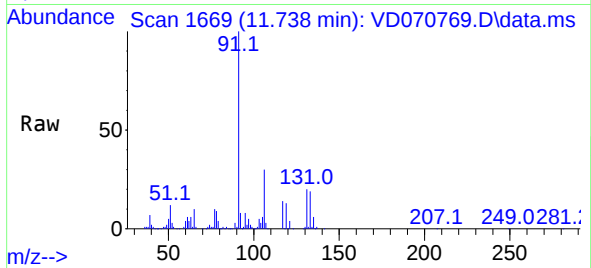
#67
Ethyl Benzene
Concen: 18.23 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 91 Resp: 454174
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2

Instrument :
MSVOA_D
ClientSampleId :
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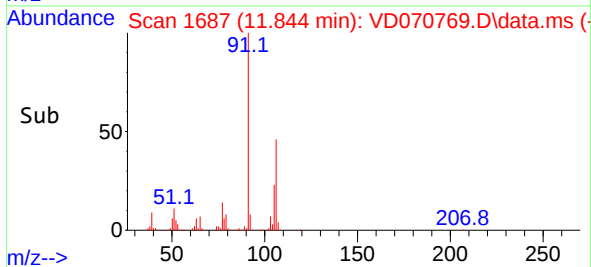
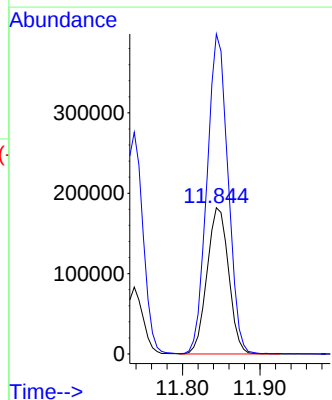
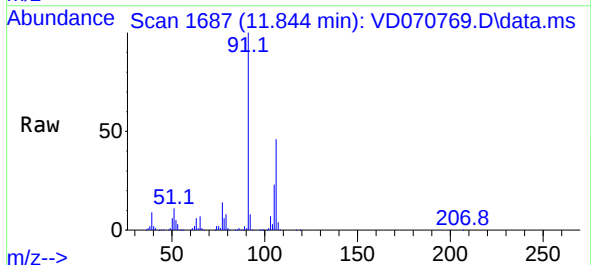
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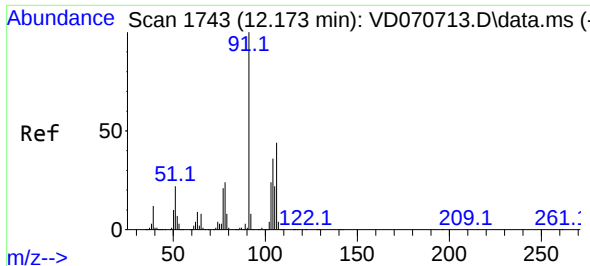
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#68
m/p-Xylenes
Concen: 37.25 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 106 Resp: 351641
Ion Ratio Lower Upper
106 100
91 213.9 162.7 244.1





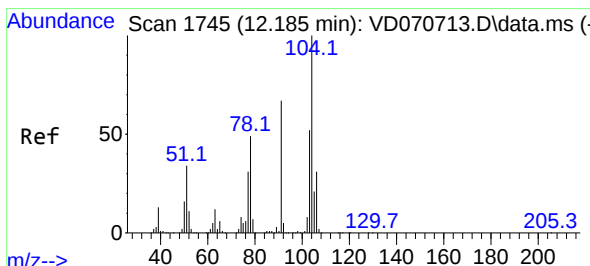
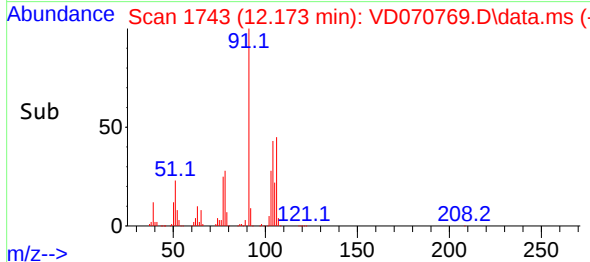
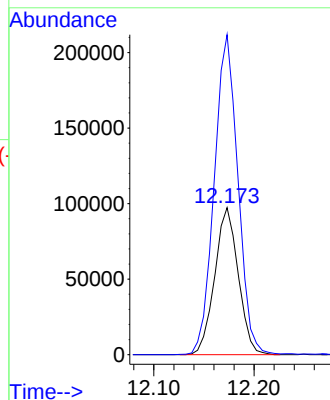
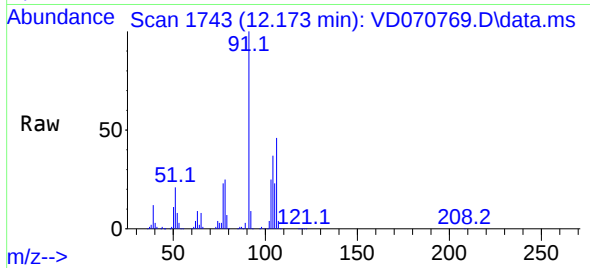
#69
o-Xylene
Concen: 18.52 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:106 Resp: 158555
Ion Ratio Lower Upper
106 100
91 219.6 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
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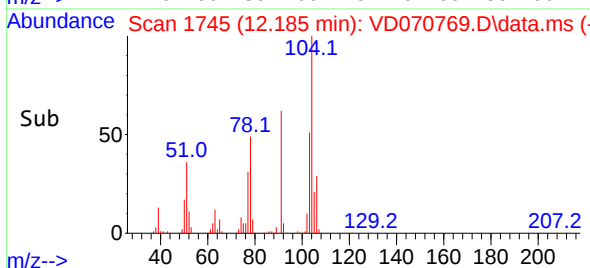
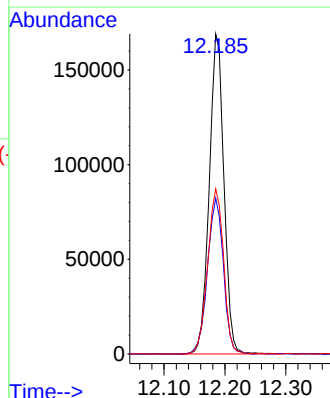
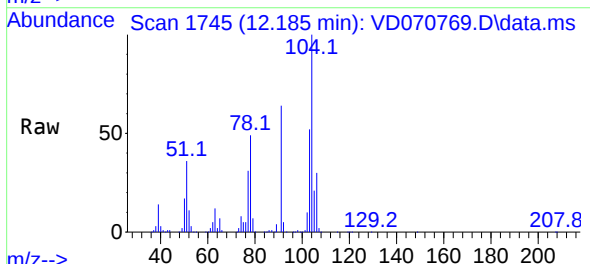
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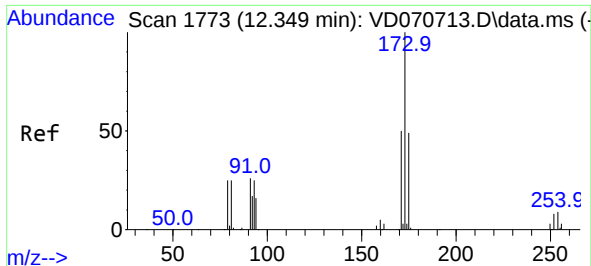
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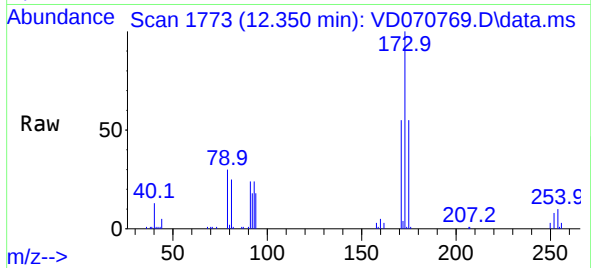
#70
Styrene
Concen: 19.06 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:104 Resp: 283732
Ion Ratio Lower Upper
104 100
78 52.7 39.8 59.6
103 55.9 43.4 65.2

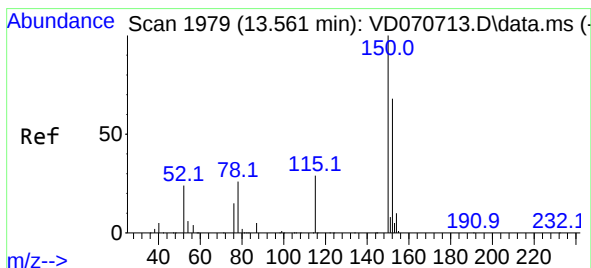
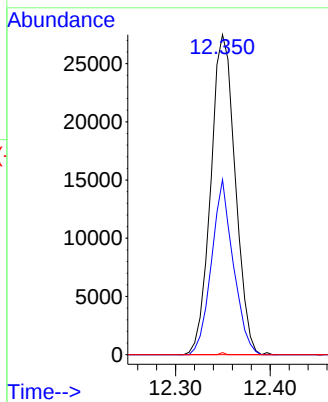
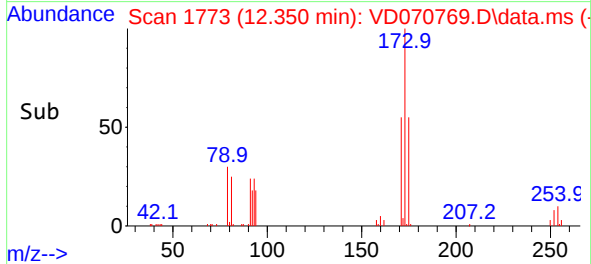




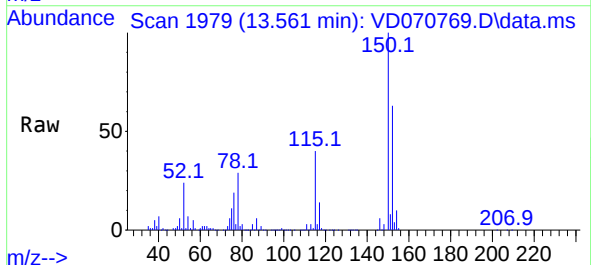
#71
Bromoform
Concen: 18.85 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



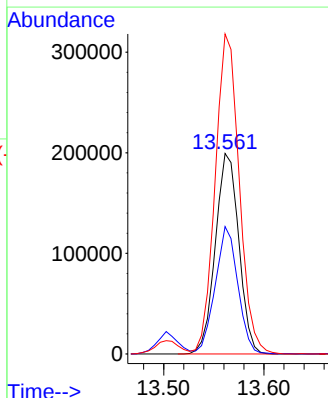
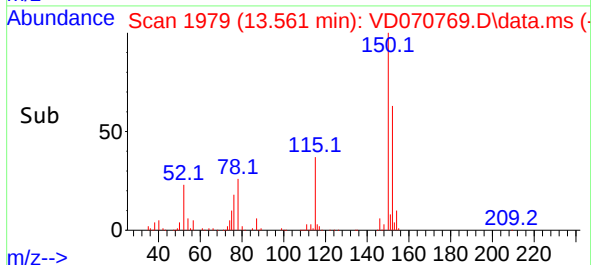
Tgt Ion:173 Resp: 49354
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



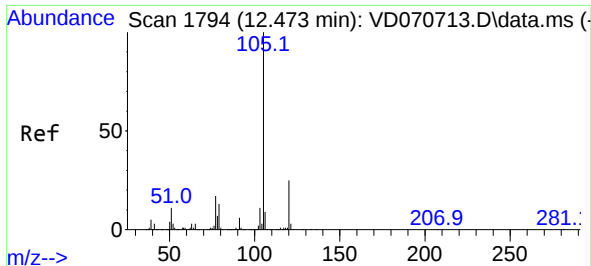
Tgt Ion:152 Resp: 323962
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.7
150 163.8 0.0 350.0



Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

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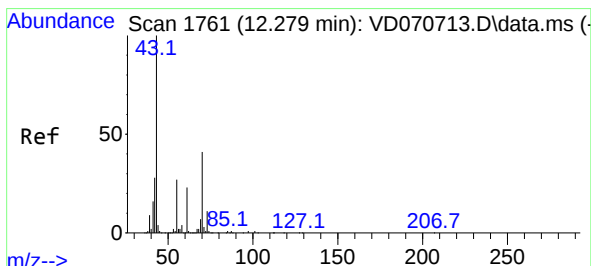
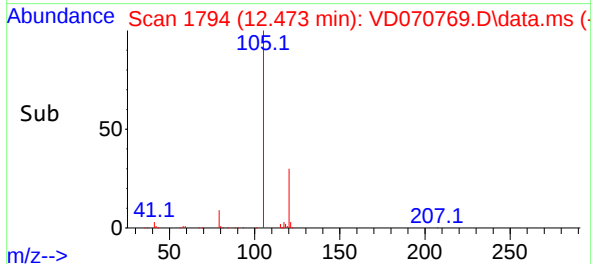
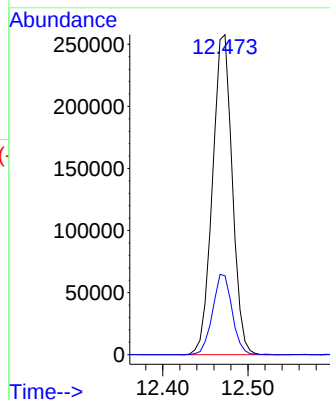
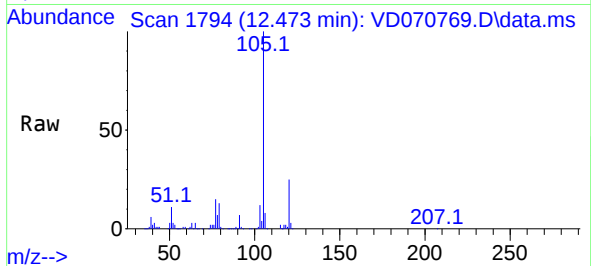
#73
Isopropylbenzene
Concen: 18.00 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 105 Resp: 415473
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

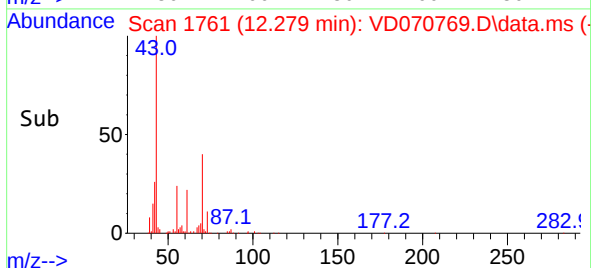
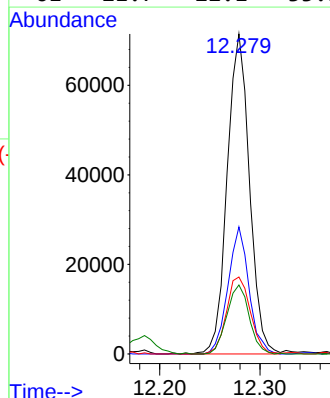
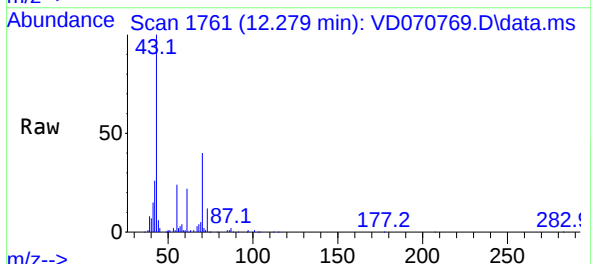
Manual Integrations
APPROVED

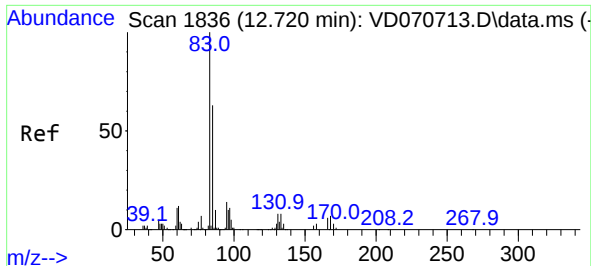
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#74
N-ethyl acetate
Concen: 18.36 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 43 Resp: 110313
Ion Ratio Lower Upper
43 100
70 37.4 40.0 60.0#
55 25.7 23.8 35.6
61 21.7 22.1 33.1#





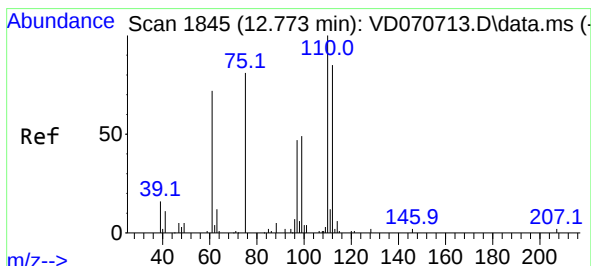
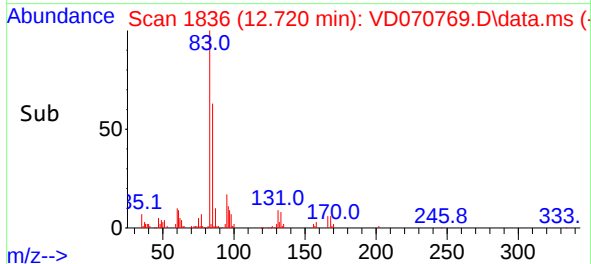
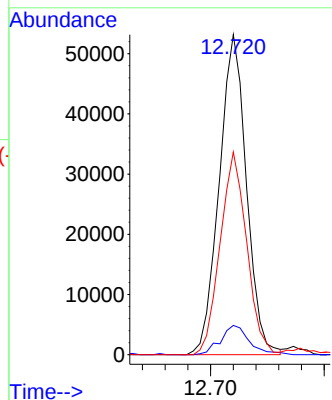
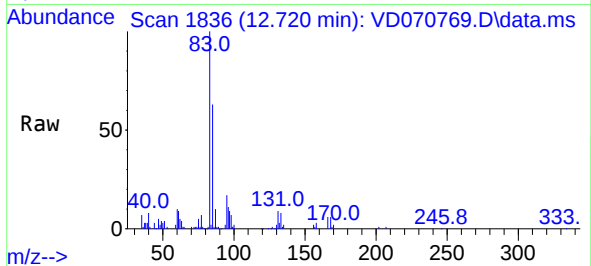
#75
1,1,2,2-Tetrachloroethane
Concen: 19.40 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 83 Resp: 88579
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 61.8 31.9 95.7

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

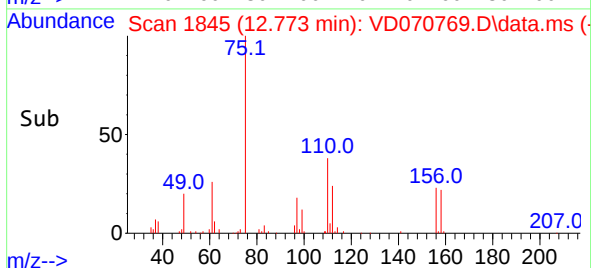
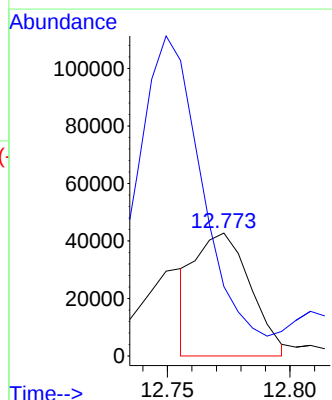
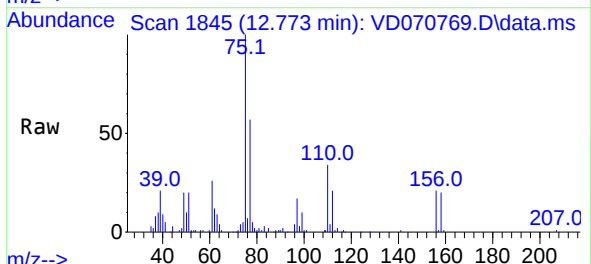
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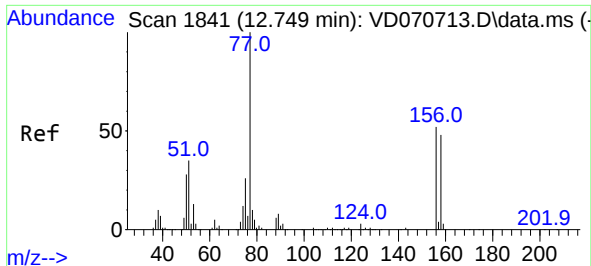
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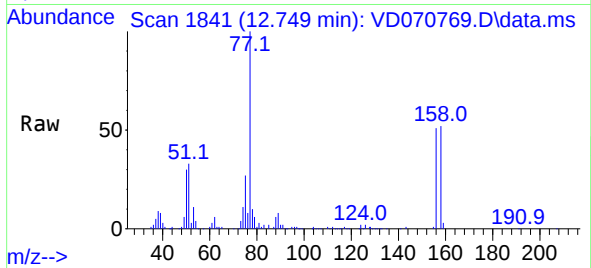
#76
1,2,3-Trichloropropane
Concen: 23.89 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 75 Resp: 66871
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

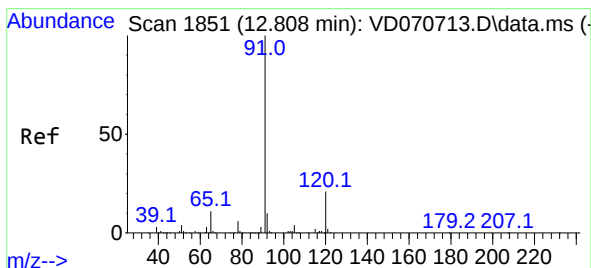
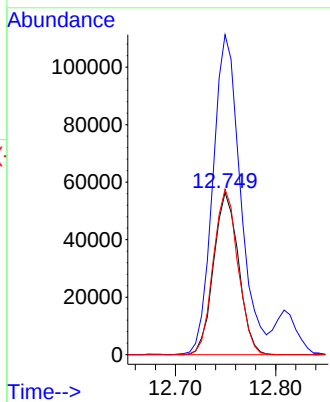
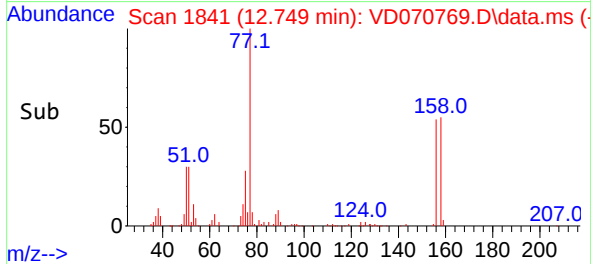




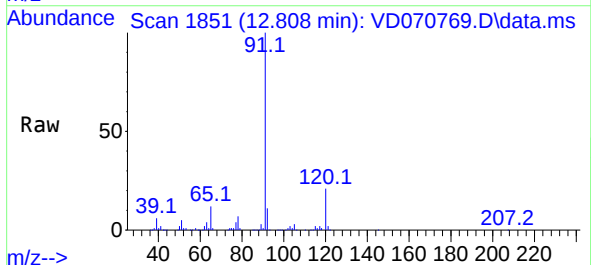
#77
Bromobenzene
Concen: 18.61 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



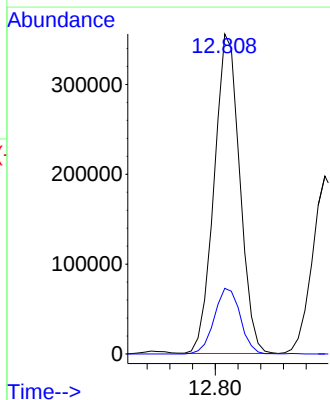
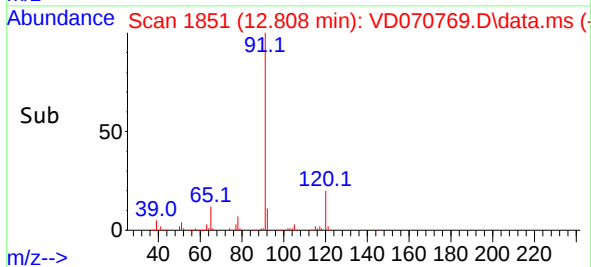
Tgt Ion:156 Resp: 97244
Ion Ratio Lower Upper
156 100
77 218.1 105.7 317.1
158 100.8 48.9 146.6



#78
n-propylbenzene
Concen: 18.53 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



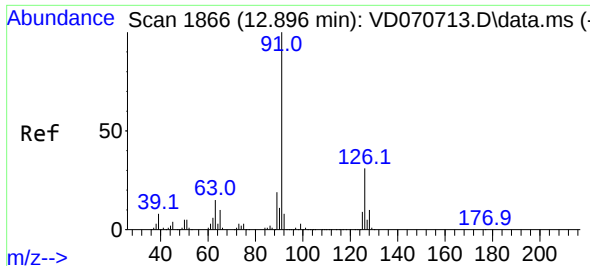
Tgt Ion: 91 Resp: 555931
Ion Ratio Lower Upper
91 100
120 20.9 10.9 32.6



Instrument :
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ClientSampleId :
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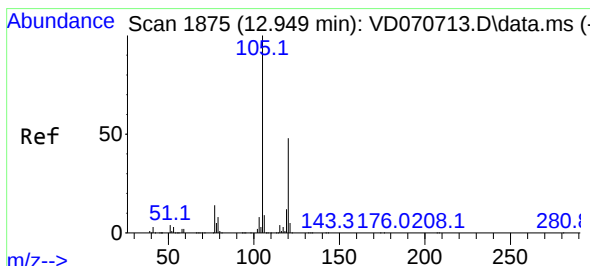
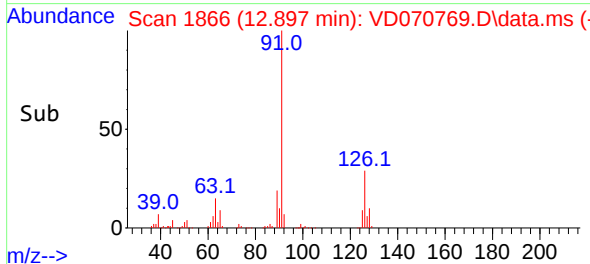
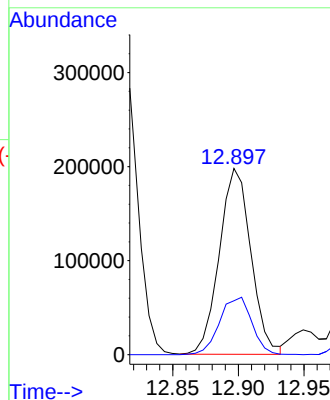
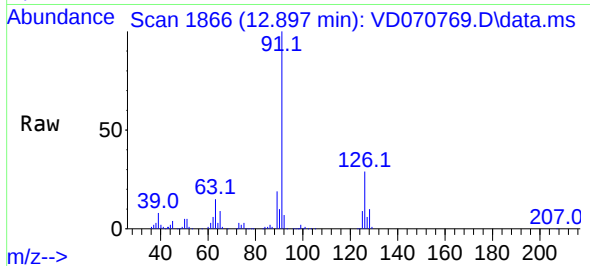
#79
2-Chlorotoluene
Concen: 19.14 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 91 Resp: 331904
Ion Ratio Lower Upper
91 100
126 31.5 16.2 48.6

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBS01

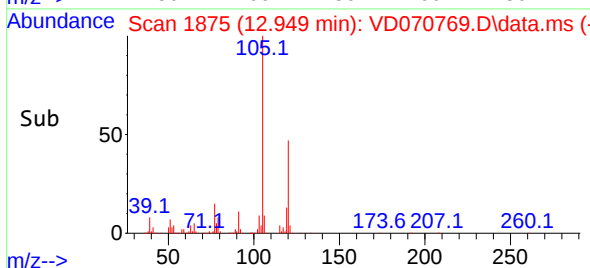
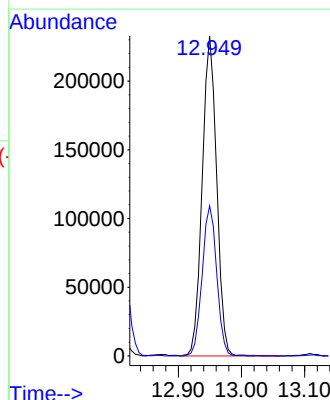
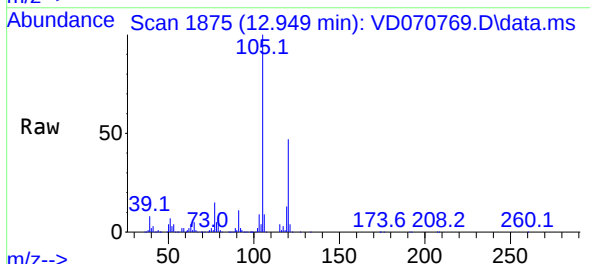
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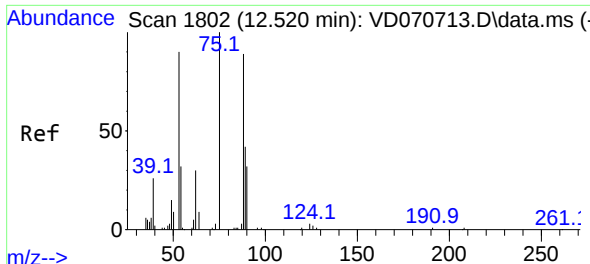
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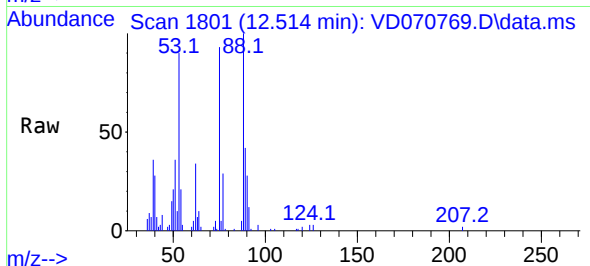
#80
1,3,5-Trimethylbenzene
Concen: 19.00 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 105 Resp: 370699
Ion Ratio Lower Upper
105 100
120 47.2 24.4 73.2

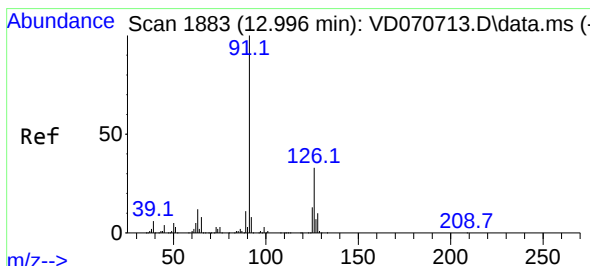
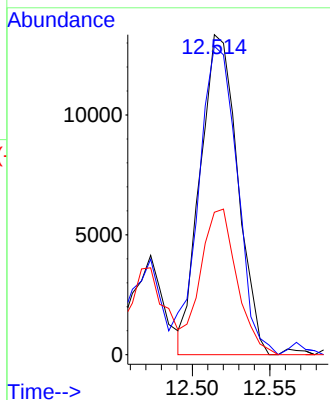
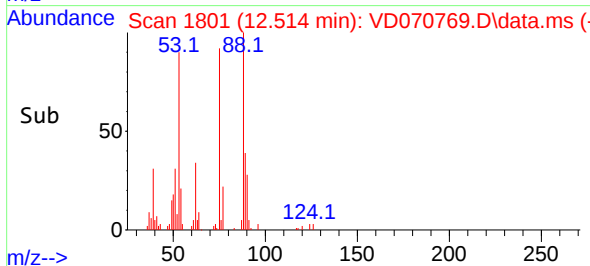




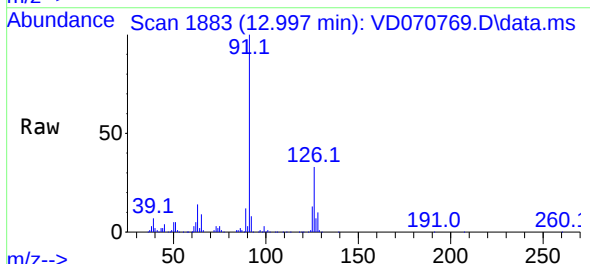
#81
trans-1,4-Dichloro-2-butene
Concen: 17.49 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



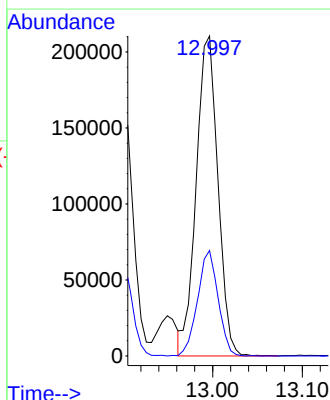
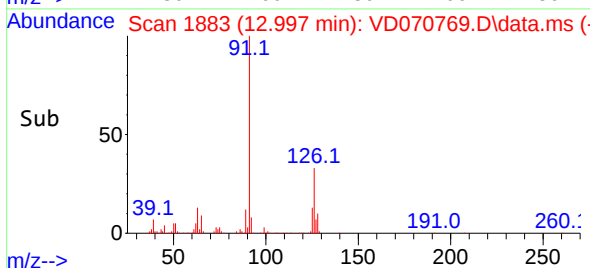
Tgt Ion: 75 Resp: 22348
Ion Ratio Lower Upper
75 100
53 99.9 64.5 96.7#
89 44.8 35.3 52.9



#82
4-Chlorotoluene
Concen: 19.26 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



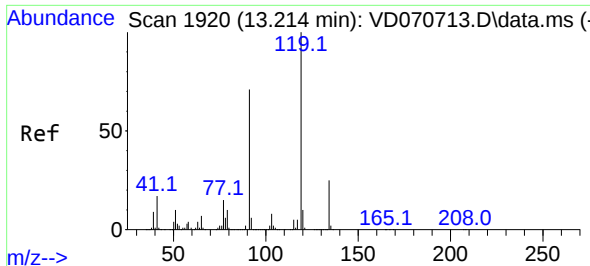
Tgt Ion: 91 Resp: 353284
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6



Instrument :
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ClientSampleId :
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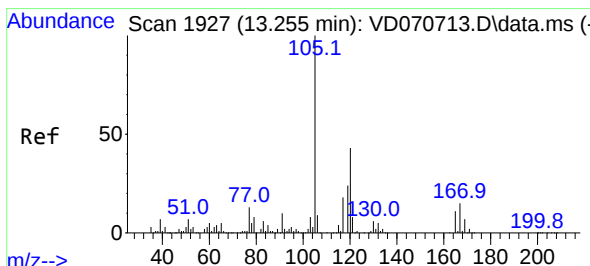
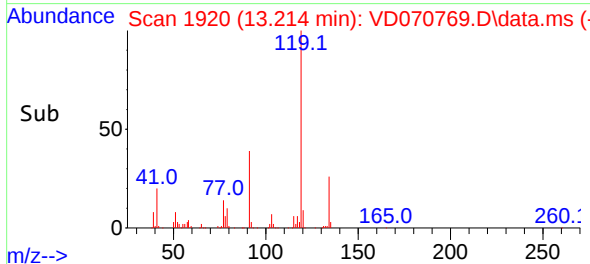
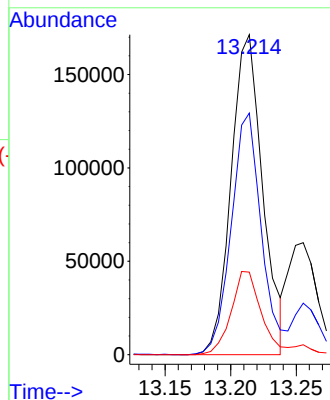
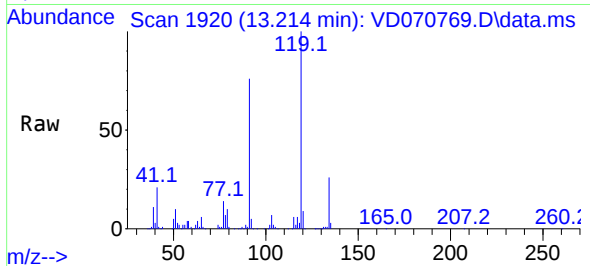
#83
tert-Butylbenzene
Concen: 17.79 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:119 Resp: 286921
Ion Ratio Lower Upper
119 100
91 72.9 33.1 99.3
134 25.0 13.2 39.5

Instrument :
MSVOA_D
ClientSampleId :
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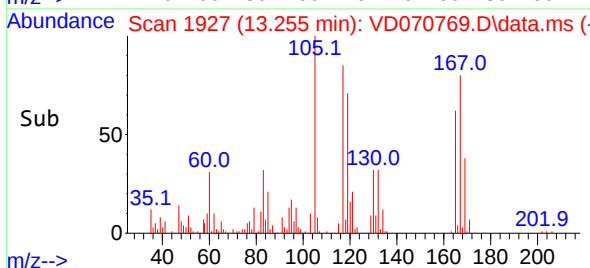
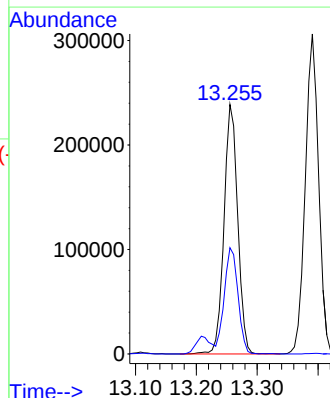
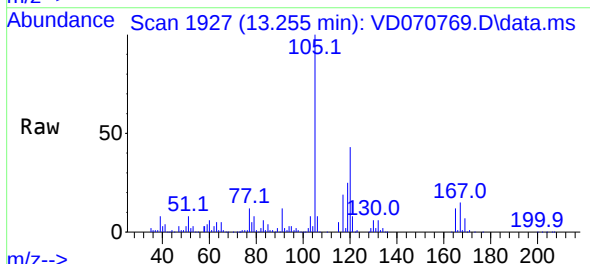
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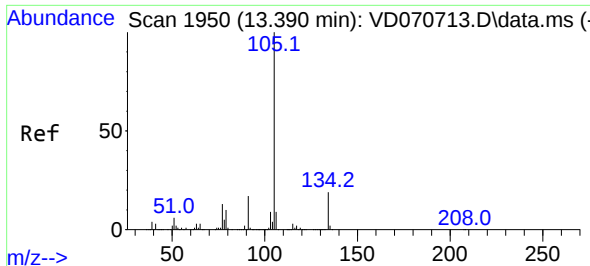
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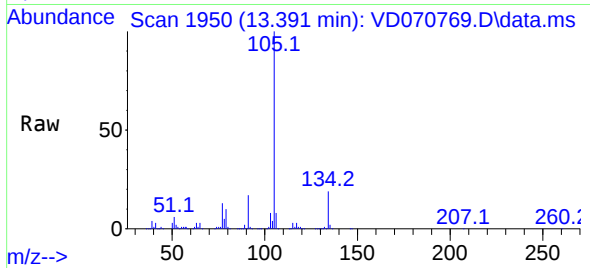
#84
1,2,4-Trimethylbenzene
Concen: 19.24 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:105 Resp: 373219
Ion Ratio Lower Upper
105 100
120 42.5 21.9 65.8

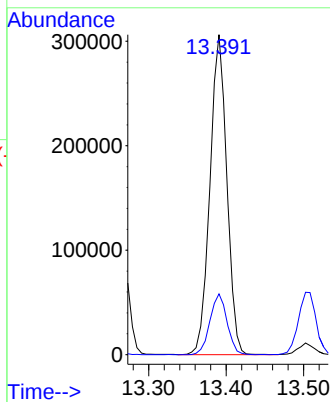
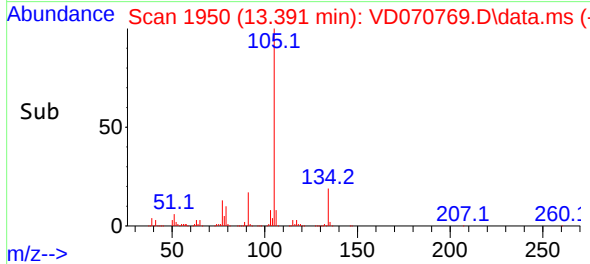




#85
 sec-Butylbenzene
 Concen: 18.34 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070769.D
 Acq: 20 Oct 2021 12:04



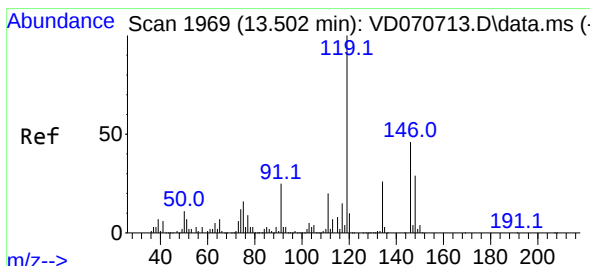
Tgt Ion:105 Resp: 464825
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.3 28.0



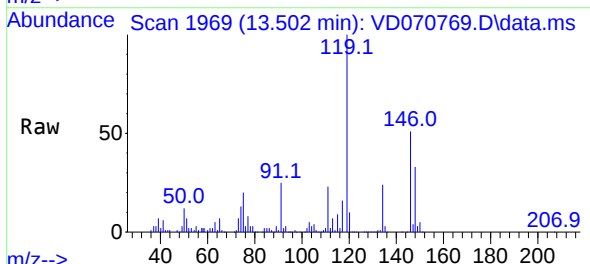
Instrument :
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 ClientSampleId :
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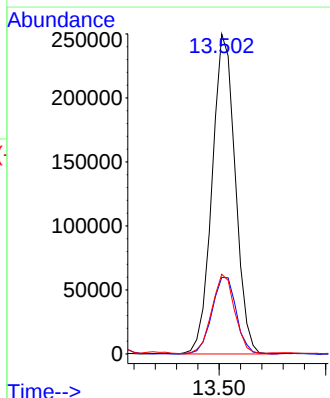
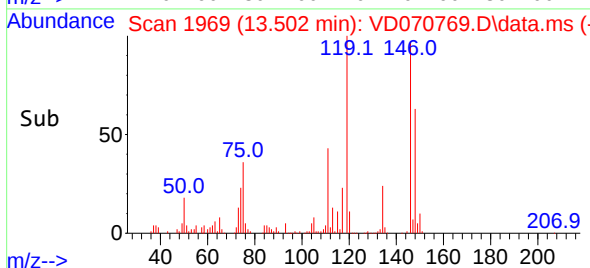
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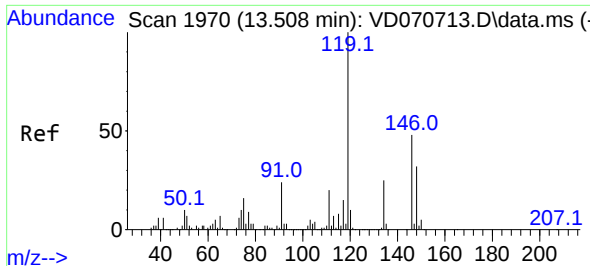


#86
 p-Isopropyltoluene
 Concen: 18.48 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070769.D
 Acq: 20 Oct 2021 12:04



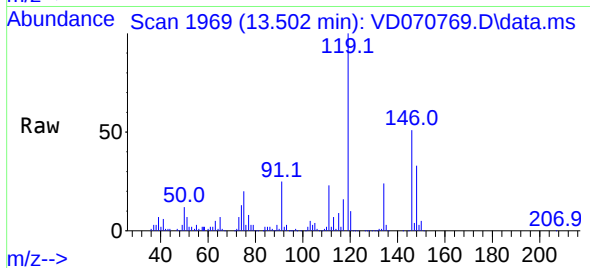
Tgt Ion:119 Resp: 376543
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 24.5 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 19.10 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

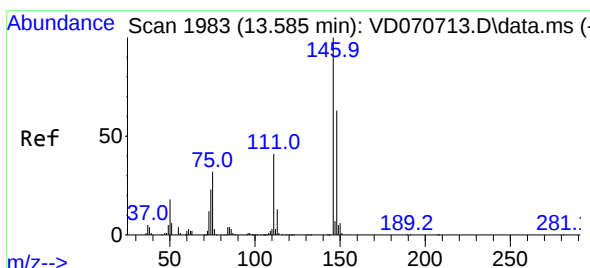
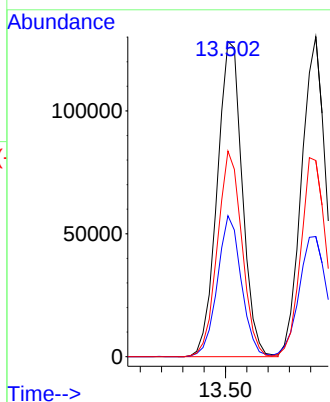
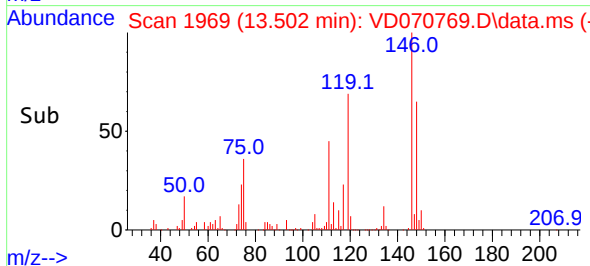
Instrument :
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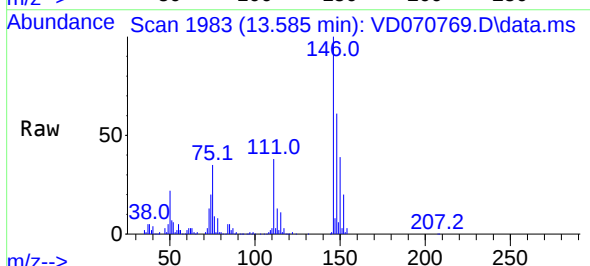
Tgt Ion:146 Resp: 209615
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.2
148 63.7 31.8 95.3

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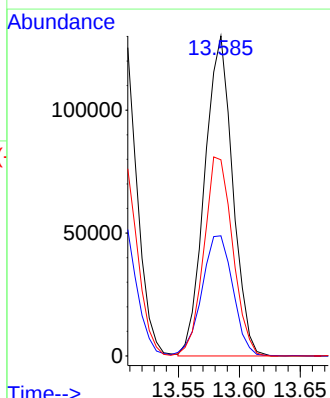
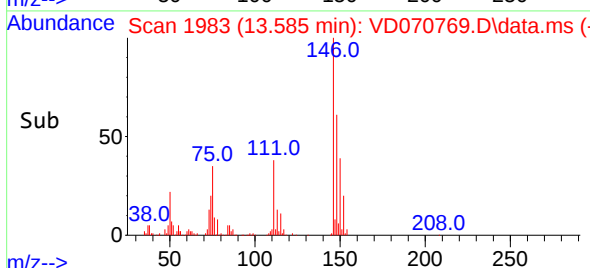
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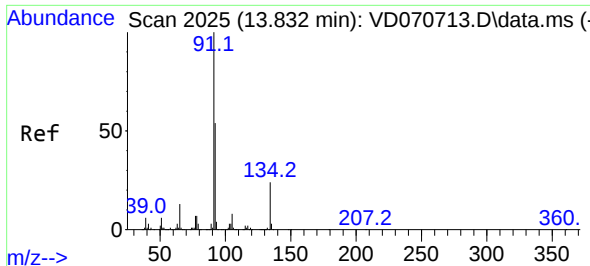


#88
1,4-Dichlorobenzene
Concen: 19.19 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

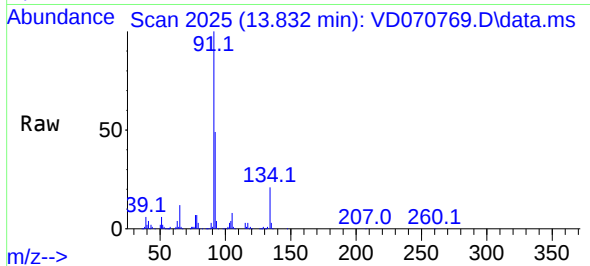


Tgt Ion:146 Resp: 208005
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.4
148 64.1 31.6 94.8

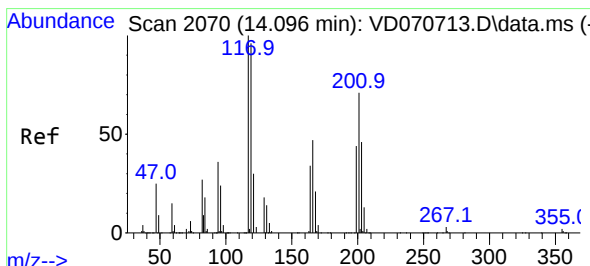
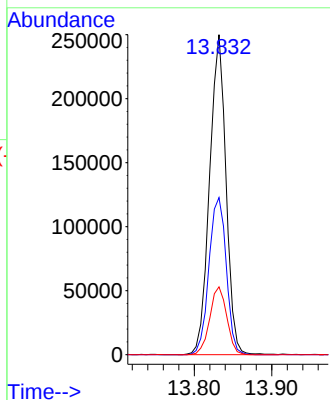
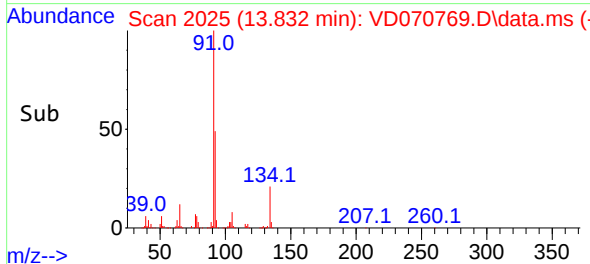




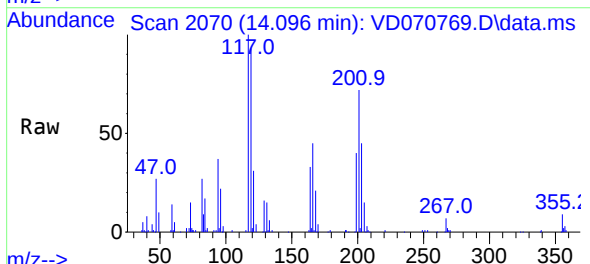
#89
n-Butylbenzene
Concen: 17.88 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



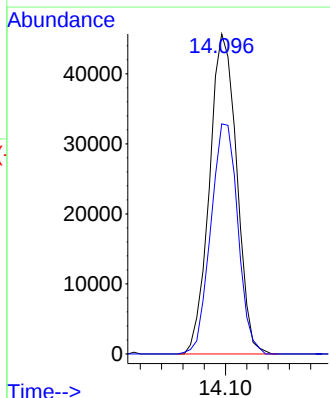
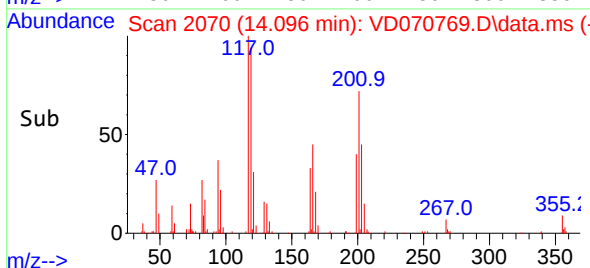
Tgt Ion: 91 Resp: 367650
Ion Ratio Lower Upper
91 100
92 51.9 26.8 80.4
134 21.9 12.2 36.4



#90
Hexachloroethane
Concen: 18.44 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



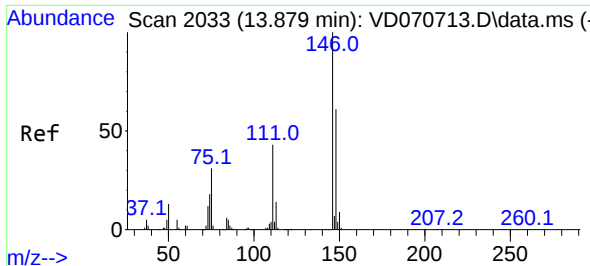
Tgt Ion: 117 Resp: 81066
Ion Ratio Lower Upper
117 100
201 71.5 31.9 95.9



Instrument :
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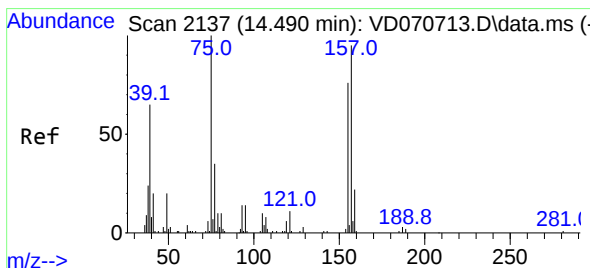
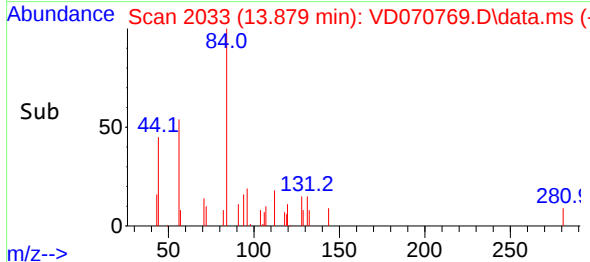
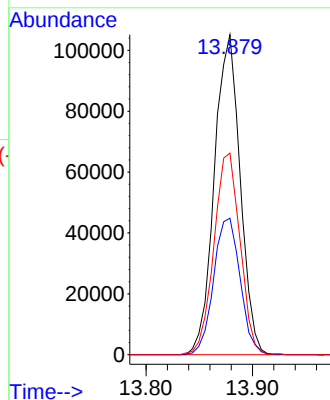
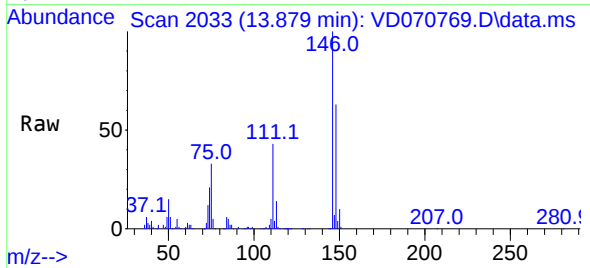
#91
1,2-Dichlorobenzene
Concen: 18.87 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:146 Resp: 176975
Ion Ratio Lower Upper
146 100
111 43.8 22.8 68.4
148 63.8 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
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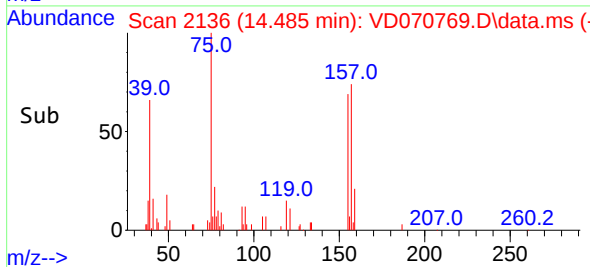
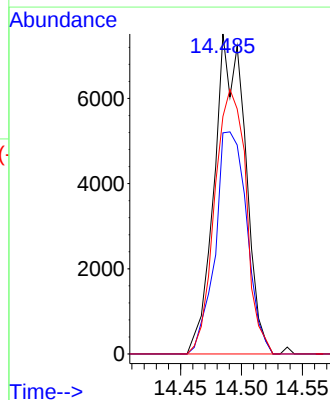
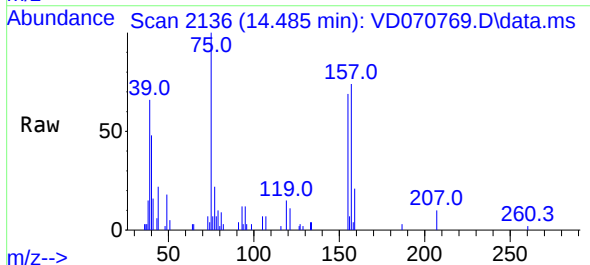
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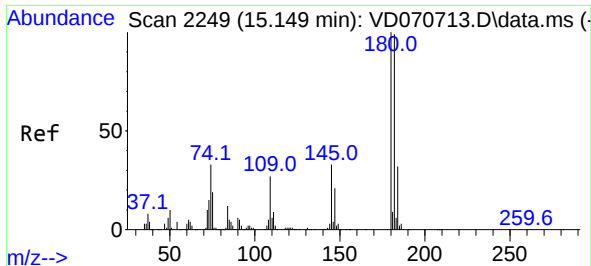
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#92
1,2-Dibromo-3-Chloropropane
Concen: 18.31 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion: 75 Resp: 13335
Ion Ratio Lower Upper
75 100
155 70.6 38.1 114.5
157 83.5 47.6 142.9





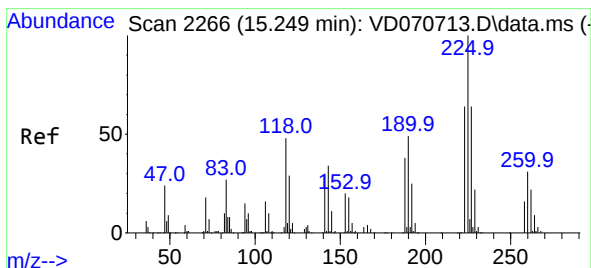
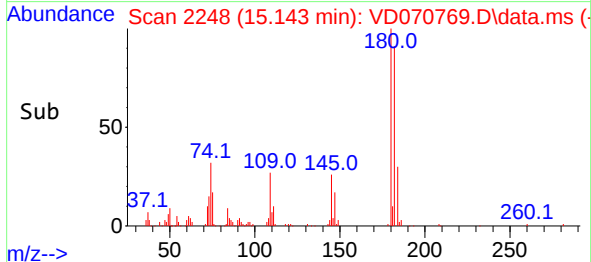
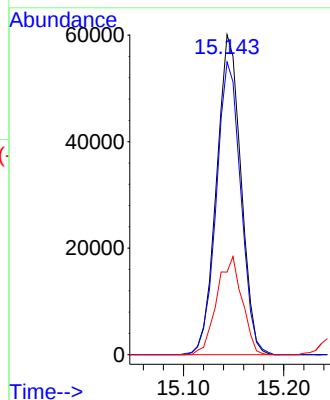
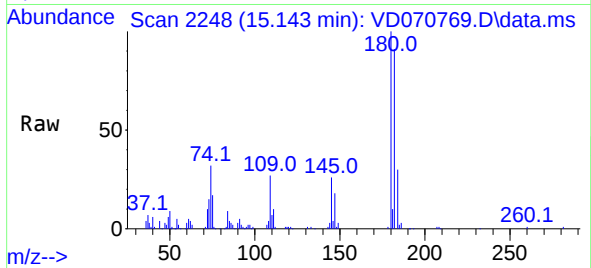
#93
1,2,4-Trichlorobenzene
Concen: 18.89 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Tgt Ion:180 Resp: 101356
Ion Ratio Lower Upper
180 100
182 92.1 47.5 142.5
145 31.8 16.9 50.7

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

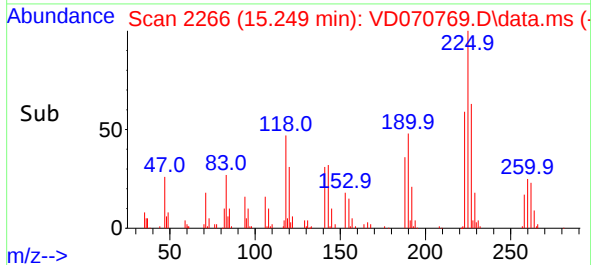
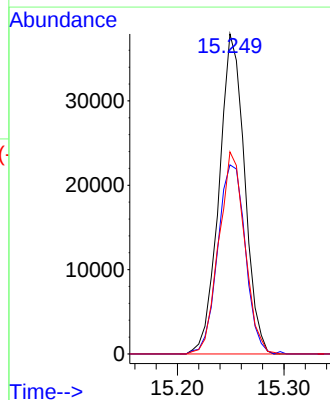
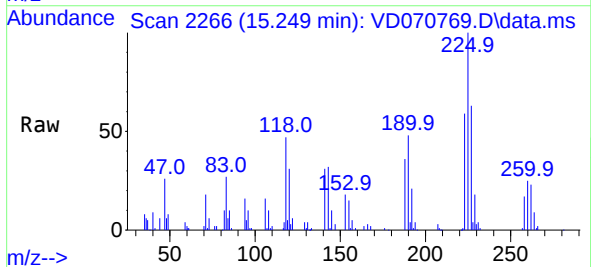
Manual Integrations
APPROVED

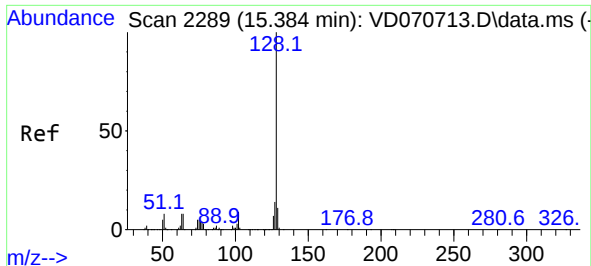
MMDadoda
10/21/2021 6:54:37 PM



#94
Hexachlorobutadiene
Concen: 17.94 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

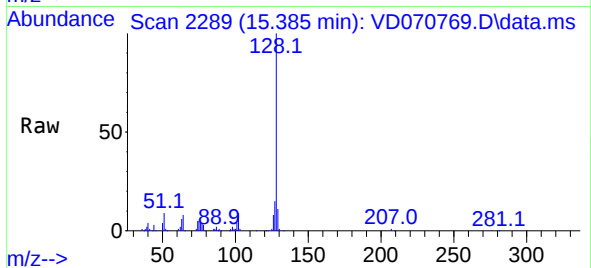
Tgt Ion:225 Resp: 63115
Ion Ratio Lower Upper
225 100
223 63.9 31.2 93.6
227 64.1 32.2 96.6





#95
Naphthalene
Concen: 18.47 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD1020SBSD01

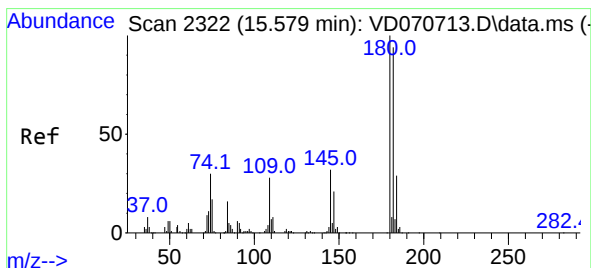
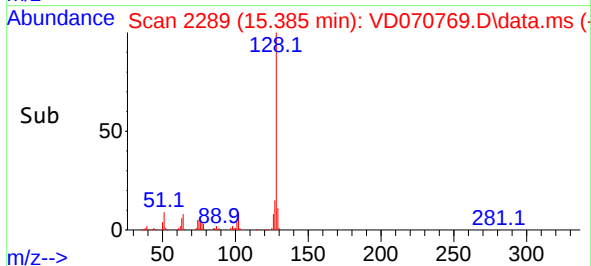
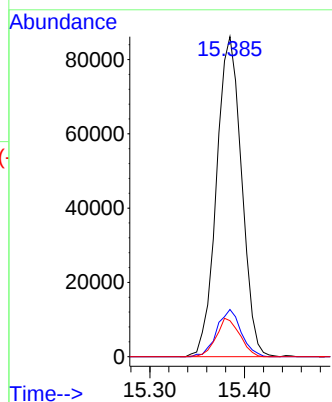


Tgt Ion:128 Resp: 158631

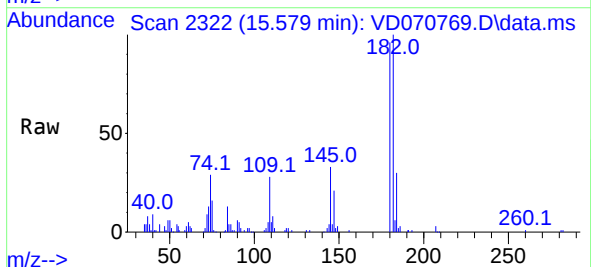
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.9	16.3
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/21/2021 6:54:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.22 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070769.D
Acq: 20 Oct 2021 12:04



Tgt Ion:180 Resp: 86865

Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.2	138.5
145	34.1	17.1	51.3

