

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101521\
 Data File : VD070712.D
 Acq On : 15 Oct 2021 11:42
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Oct 18 08:07:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:06:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	423882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	709675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	663292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	330754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	103224	20.56	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	41.12%#		
35) Dibromofluoromethane	7.908	113	93297	20.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.06%#		
50) Toluene-d8	10.337	98	372141	21.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	42.72%#		
62) 4-Bromofluorobenzene	12.620	95	121015	20.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	40.36%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	96115	19.39	ug/l	94
3) Chloromethane	2.208	50	142928	19.44	ug/l	99
4) Vinyl Chloride	2.344	62	148582	19.72	ug/l	99
5) Bromomethane	2.750	94	88612	19.29	ug/l	96
6) Chloroethane	2.914	64	93612	19.73	ug/l #	87
7) Trichlorofluoromethane	3.267	101	168837	19.82	ug/l	93
8) Diethyl Ether	3.708	74	43103	18.99	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.085	101	100456	19.71	ug/l	97
10) Methyl Iodide	4.302	142	83131	17.83	ug/l	96
11) Tert butyl alcohol	5.220	59	26669	94.89	ug/l #	89
12) 1,1-Dichloroethene	4.067	96	88889	19.29	ug/l	93
13) Acrolein	3.926	56	26999	99.25	ug/l	99
14) Allyl chloride	4.714	41	163398	18.74	ug/l #	89
15) Acrylonitrile	5.414	53	113080	104.57	ug/l	99
16) Acetone	4.155	43	104247	86.09	ug/l	96
17) Carbon Disulfide	4.402	76	319027	19.00	ug/l	99
18) Methyl Acetate	4.714	43	80211	19.06	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	187024	18.77	ug/l	100
20) Methylene Chloride	4.961	84	146068	18.69	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	102915	19.47	ug/l	96
22) Diisopropyl ether	6.361	45	338968	19.96	ug/l	94
23) Vinyl Acetate	6.302	43	725627	96.17	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	211348	19.98	ug/l	96
25) 2-Butanone	7.208	43	134636	90.00	ug/l #	88
26) 2,2-Dichloropropane	7.202	77	162791	19.46	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	106413	18.77	ug/l	85
28) Bromochloromethane	7.543	49	90000	21.40	ug/l	83
29) Tetrahydrofuran	7.561	42	82690	90.29	ug/l #	85
30) Chloroform	7.708	83	205595	19.89	ug/l	94
31) Cyclohexane	7.979	56	189542	18.66	ug/l #	84
32) 1,1,1-Trichloroethane	7.902	97	172505	19.67	ug/l	95
36) 1,1-Dichloropropene	8.108	75	156154	19.75	ug/l	97
37) Ethyl Acetate	7.290	43	63623	19.42	ug/l #	93
38) Carbon Tetrachloride	8.090	117	145257	19.18	ug/l	98
39) Methylcyclohexane	9.349	83	165127	18.52	ug/l #	80
40) Benzene	8.349	78	446828	19.62	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	32334m	17.95	ug/l	
42) 1,2-Dichloroethane	8.420	62	128131	19.83	ug/l	96
43) Isopropyl Acetate	8.449	43	119029	19.05	ug/l #	90
44) Trichloroethene	9.108	130	104943	19.63	ug/l	91
45) 1,2-Dichloropropane	9.379	63	120077	19.96	ug/l	98
46) Dibromomethane	9.467	93	56515	19.62	ug/l	95
47) Bromodichloromethane	9.655	83	151370	19.81	ug/l	99
48) Methyl methacrylate	9.449	41	55566	18.15	ug/l #	82
49) 1,4-Dioxane	9.455	88	11348	366.86	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	307927	93.50	ug/l	90
52) Toluene	10.396	92	268817	19.83	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	127513	18.68	ug/l	100
54) cis-1,3-Dichloropropene	10.084	75	157803	19.31	ug/l #	85
55) 1,1,2-Trichloroethane	10.790	97	77634	19.62	ug/l	95
56) Ethyl methacrylate	10.655	69	86362	18.29	ug/l #	82
57) 1,3-Dichloropropane	10.937	76	139559	19.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	197993	95.01	ug/l	96
59) 2-Hexanone	10.978	43	212526	91.69	ug/l	86
60) Dibromochloromethane	11.131	129	87832	19.32	ug/l	97
61) 1,2-Dibromoethane	11.237	107	69344	19.16	ug/l	100
64) Tetrachloroethene	10.873	164	87568	19.65	ug/l	95
65) Chlorobenzene	11.667	112	274282	20.16	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	99289	19.73	ug/l	96
67) Ethyl Benzene	11.737	91	484850	19.49	ug/l	100
68) m/p-Xylenes	11.849	106	377200	40.03	ug/l	95
69) o-Xylene	12.173	106	164354	19.23	ug/l	96
70) Styrene	12.184	104	297552	20.03	ug/l	97
71) Bromoform	12.355	173	50868	19.46	ug/l #	99
73) Isopropylbenzene	12.473	105	446424	18.94	ug/l	100
74) N-amyl acetate	12.278	43	113071	18.43	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	89302	19.16	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	57044m	22.64	ug/l	
77) Bromobenzene	12.749	156	100439	18.82	ug/l	96
78) n-propylbenzene	12.814	91	594443	19.41	ug/l	96
79) 2-Chlorotoluene	12.896	91	339065	19.15	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	386500	19.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	22119	16.95	ug/l #	79
82) 4-Chlorotoluene	12.996	91	372694	19.90	ug/l	97
83) tert-Butylbenzene	13.214	119	307046	18.65	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	391819	19.78	ug/l	98
85) sec-Butylbenzene	13.390	105	504143	19.48	ug/l	99
86) p-Isopropyltoluene	13.502	119	397982	19.13	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	220883	19.71	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	220942	19.97	ug/l	100
89) n-Butylbenzene	13.831	91	395274	18.83	ug/l	97
90) Hexachloroethane	14.102	117	88238	19.66	ug/l	94
91) 1,2-Dichlorobenzene	13.878	146	189628	19.80	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	14487	19.48	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	102199	18.66	ug/l	97
94) Hexachlorobutadiene	15.249	225	70747	19.70	ug/l	98
95) Naphthalene	15.384	128	159966	17.20	ug/l	97
96) 1,2,3-Trichlorobenzene	15.572	180	88323	18.15	ug/l	98

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

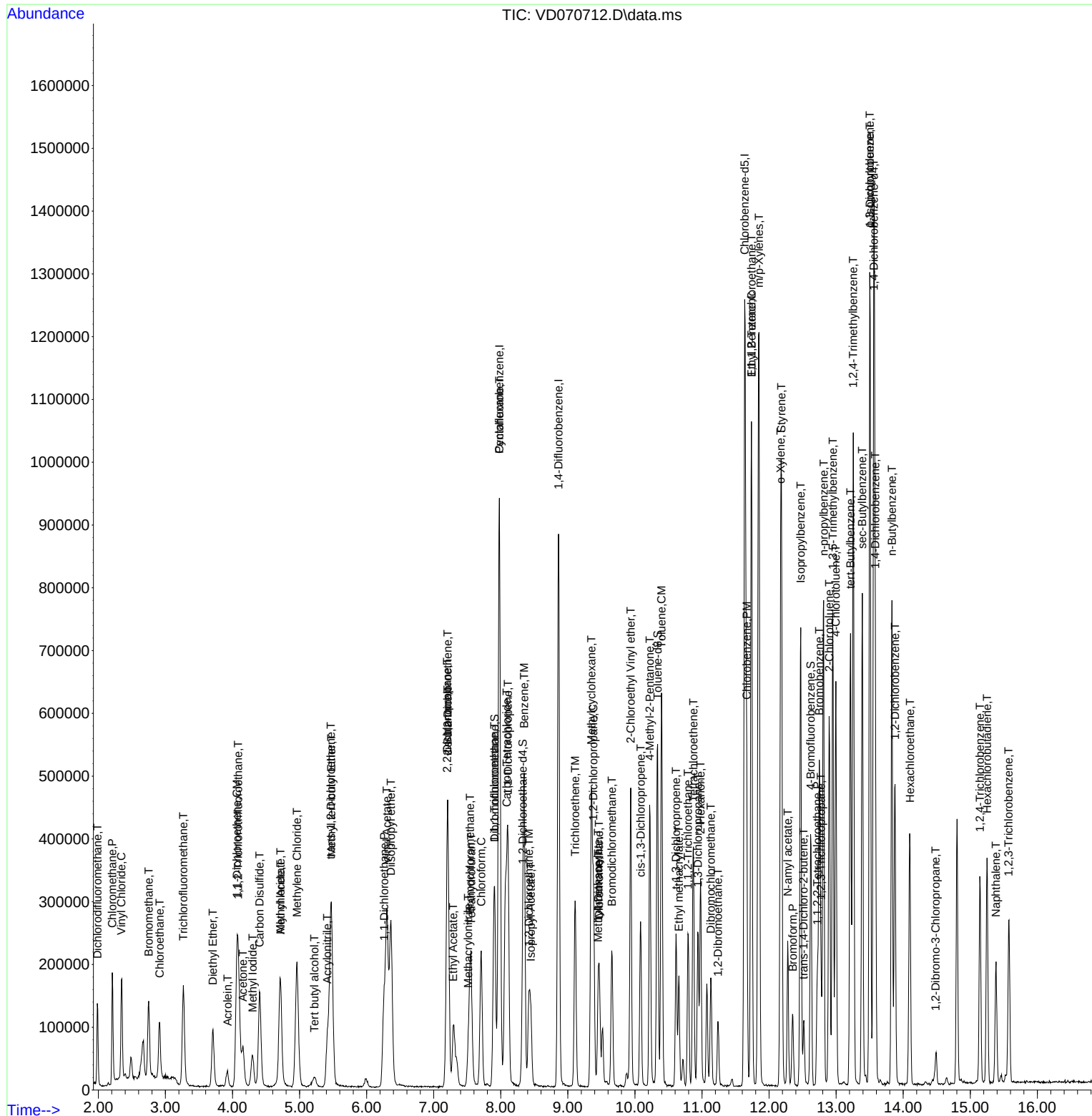
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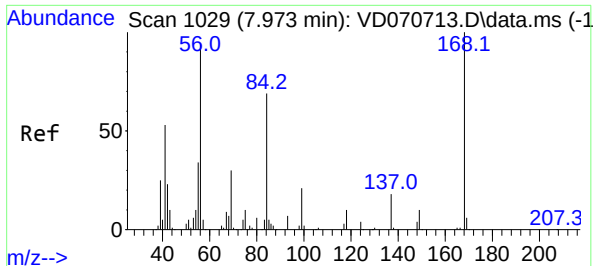
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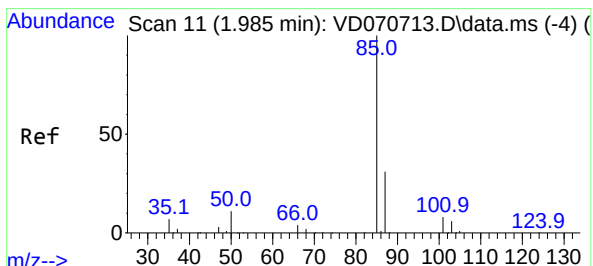
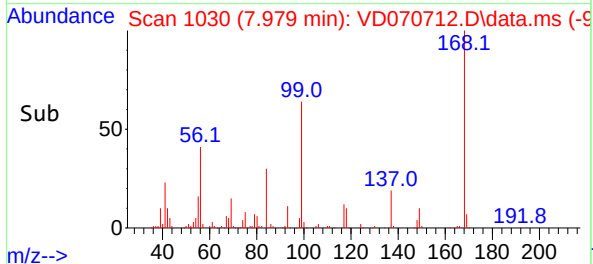
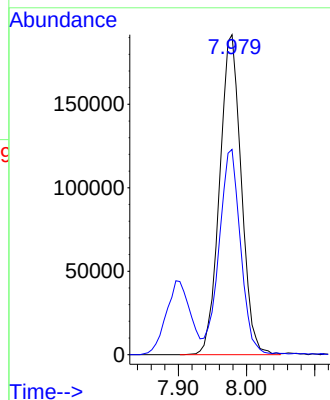
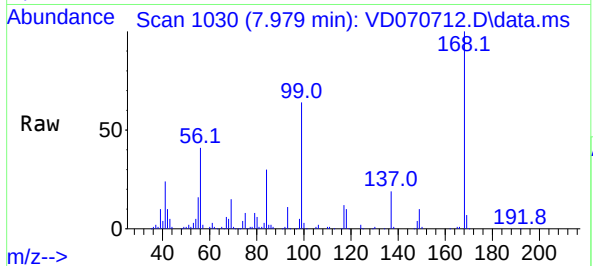
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 168 Resp: 423882
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0

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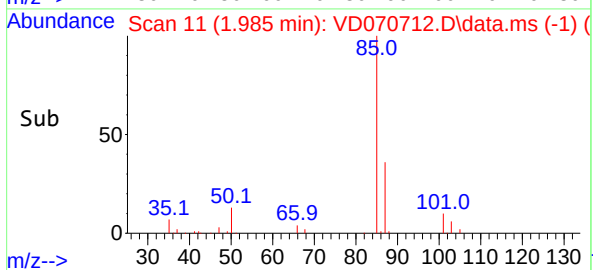
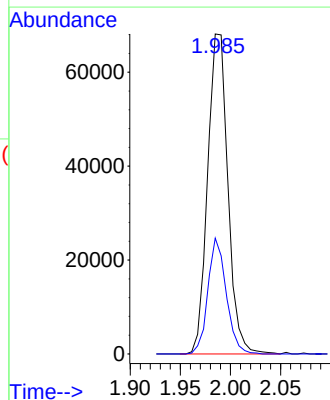
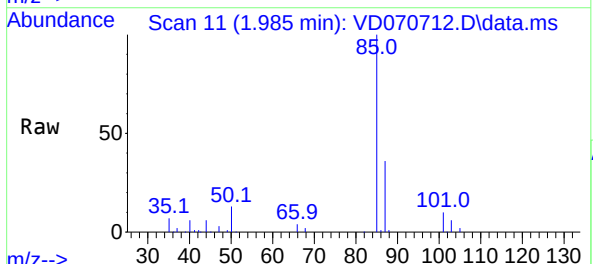
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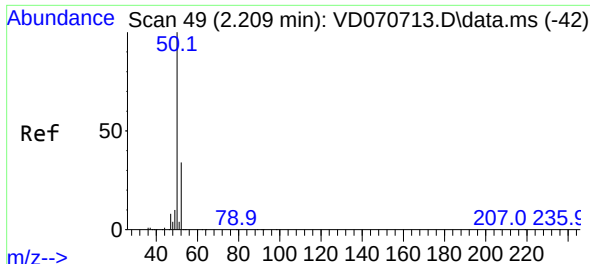
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#2
Dichlorodifluoromethane
Concen: 19.39 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

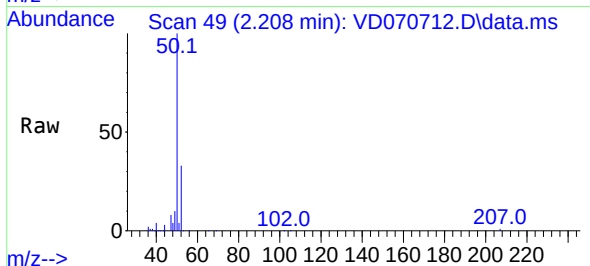
Tgt Ion: 85 Resp: 96115
Ion Ratio Lower Upper
85 100
87 36.2 16.4 49.2



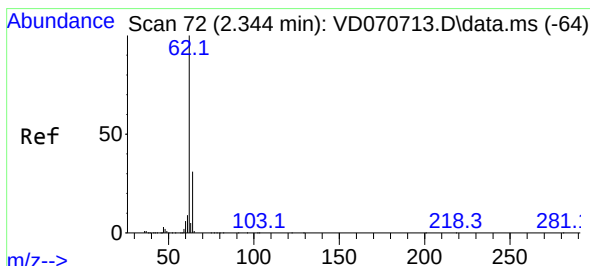
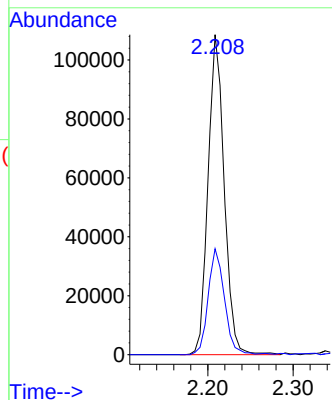
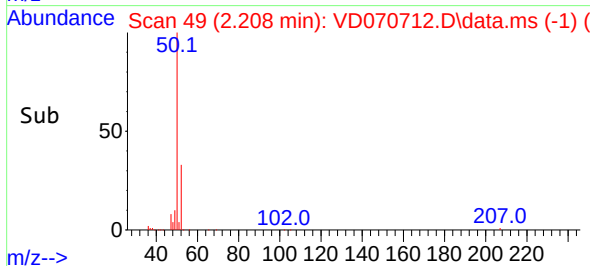


#3
Chloromethane
Concen: 19.44 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

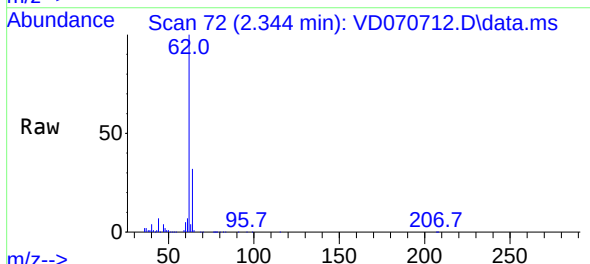
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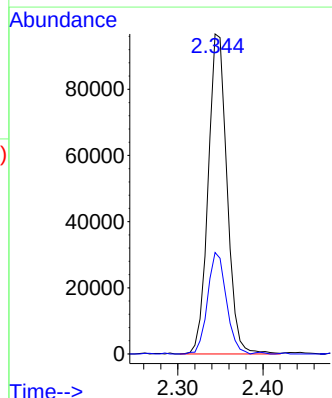
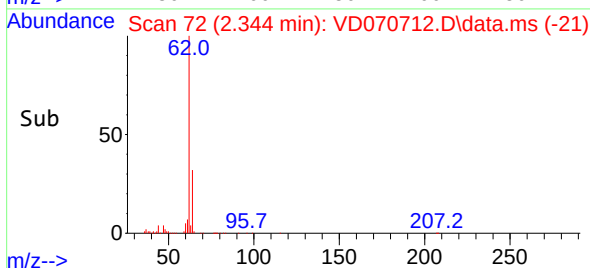
Tgt Ion: 50 Resp: 142928
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0

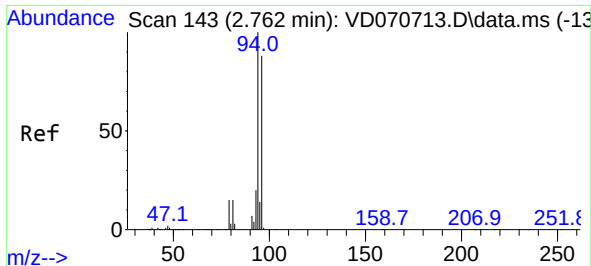


#4
Vinyl Chloride
Concen: 19.72 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 62 Resp: 148582
Ion Ratio Lower Upper
62 100
64 31.7 24.9 37.3





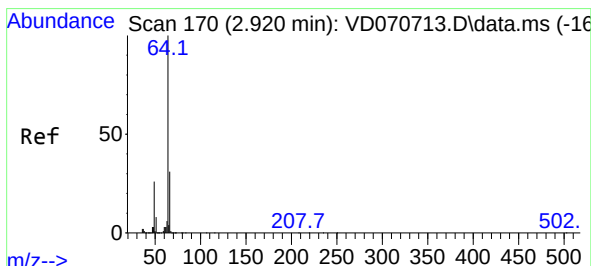
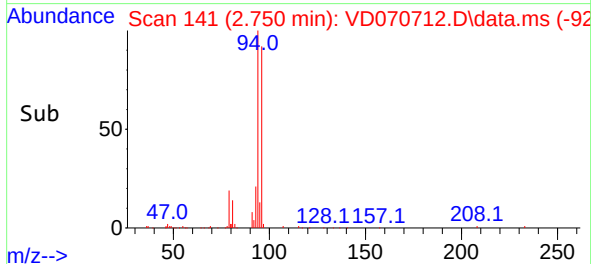
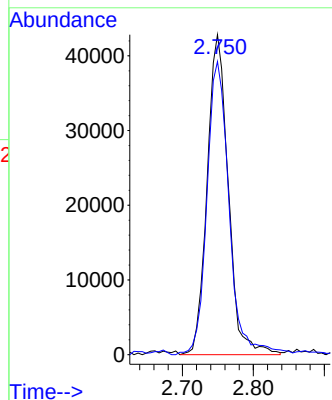
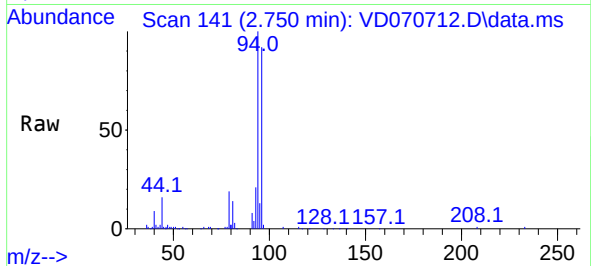
#5
Bromomethane
Concen: 19.29 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 94 Resp: 88612
Ion Ratio Lower Upper
94 100
96 90.9 75.5 113.3

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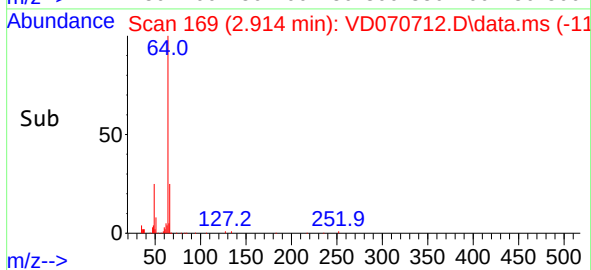
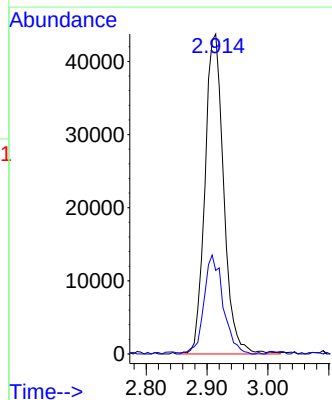
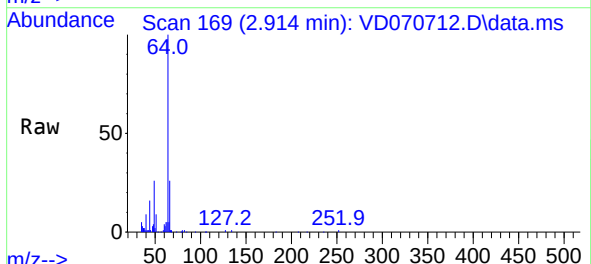
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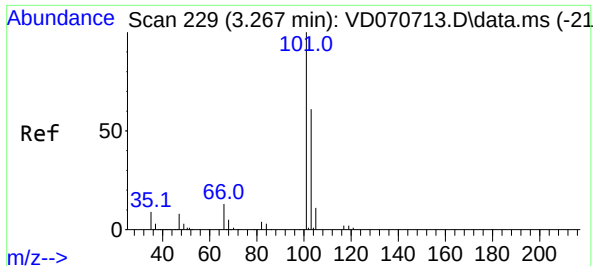
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#6
Chloroethane
Concen: 19.73 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 64 Resp: 93612
Ion Ratio Lower Upper
64 100
66 25.7 26.6 40.0#





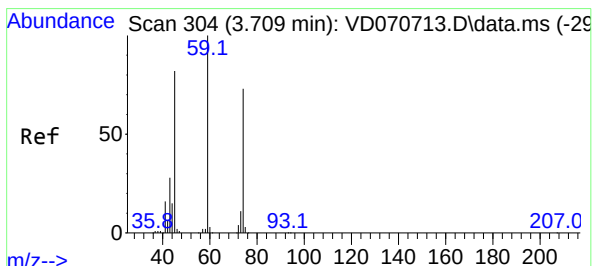
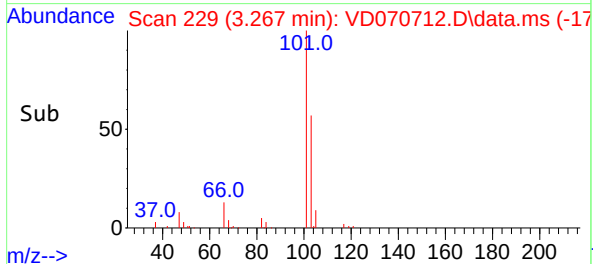
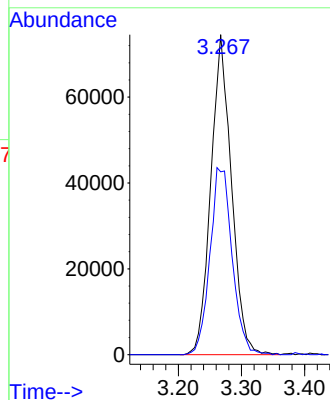
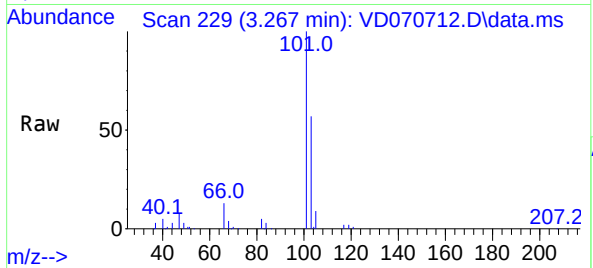
#7
Trichlorofluoromethane
Concen: 19.82 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion:101 Resp: 168837
Ion Ratio Lower Upper
101 100
103 57.1 50.1 75.1

Instrument :
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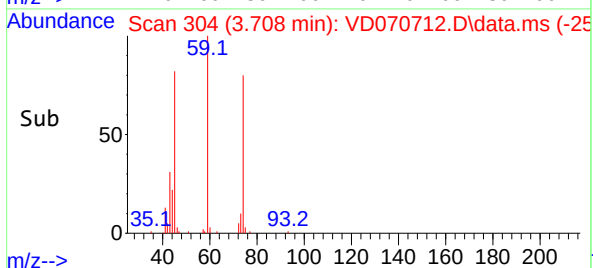
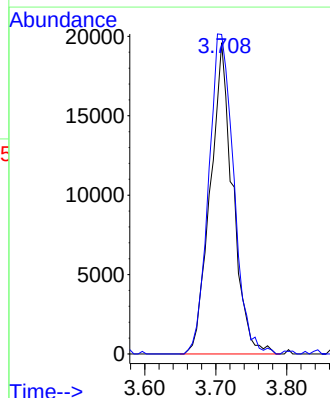
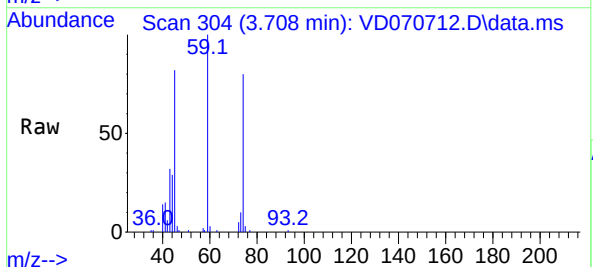
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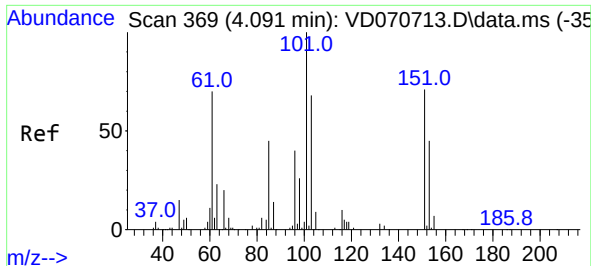
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#8
Diethyl Ether
Concen: 18.99 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 74 Resp: 43103
Ion Ratio Lower Upper
74 100
45 114.6 45.1 135.5





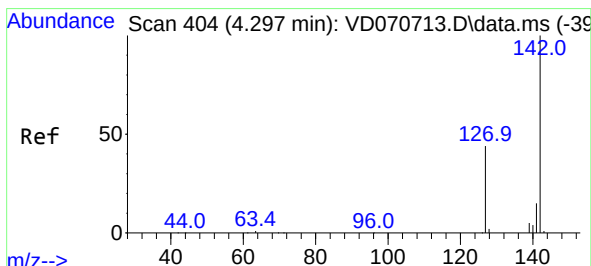
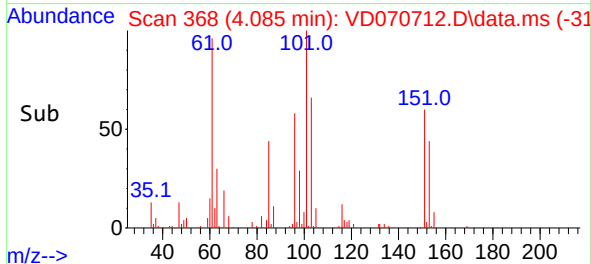
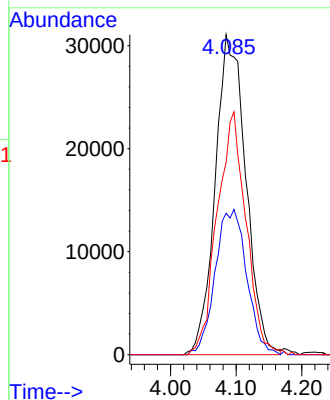
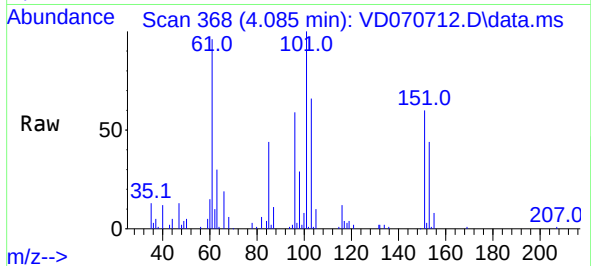
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.71 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion:	101	Resp:	100456
Ion	Ratio	Lower	Upper
101	100		
85	46.9	35.5	53.3
151	72.0	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

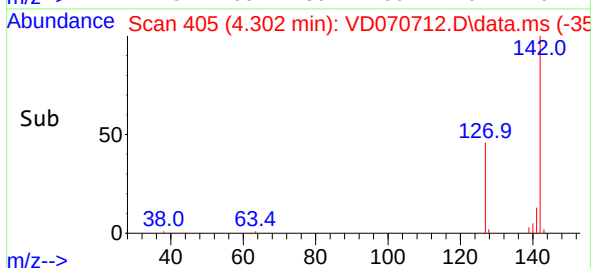
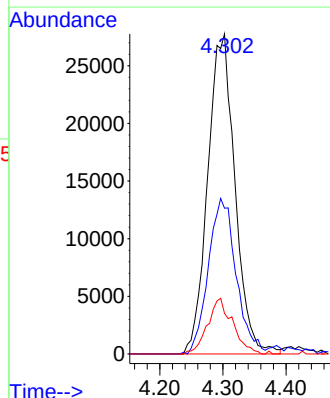
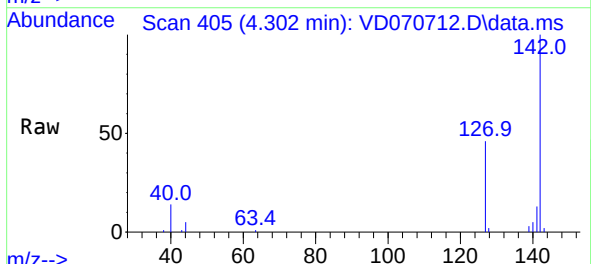
Manual Integrations
APPROVED

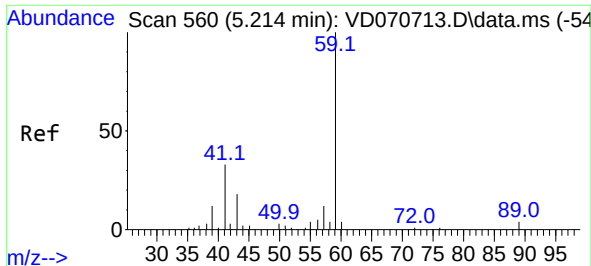
MMDadoda
10/18/2021 5:51:04 PM



#10
Methyl Iodide
Concen: 17.83 ug/l
RT: 4.302 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

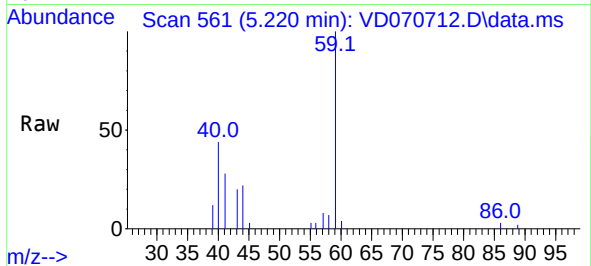
Tgt Ion:	142	Resp:	83131
Ion	Ratio	Lower	Upper
142	100		
127	49.6	37.5	56.3
141	16.0	12.1	18.1





#11
Tert butyl alcohol
Concen: 94.89 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

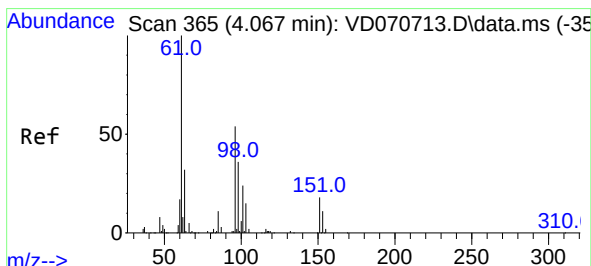
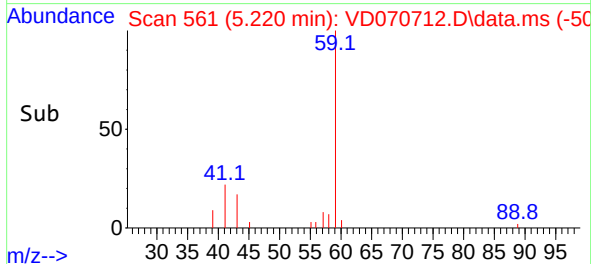
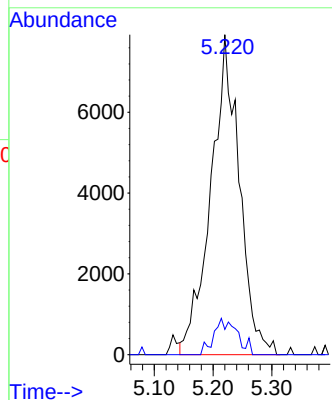
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



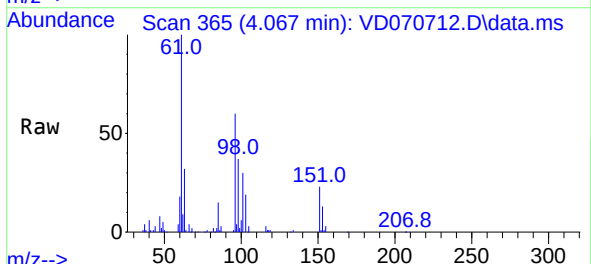
Tgt Ion: 59 Resp: 26669
Ion Ratio Lower Upper
59 100
57 9.2 4.5 6.7#

Manual Integrations
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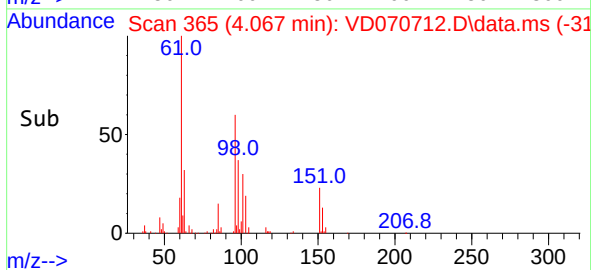
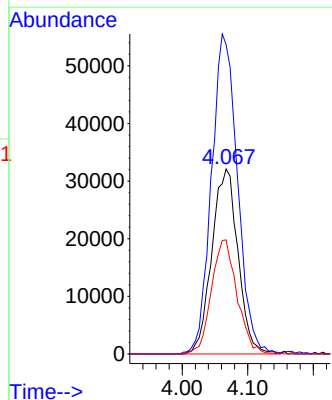
MMDadoda
10/18/2021 5:51:04 PM

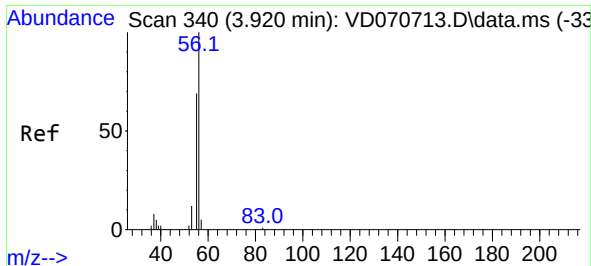


#12
1,1-Dichloroethene
Concen: 19.29 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 96 Resp: 88889
Ion Ratio Lower Upper
96 100
61 167.3 125.9 188.9
98 61.7 52.3 78.5





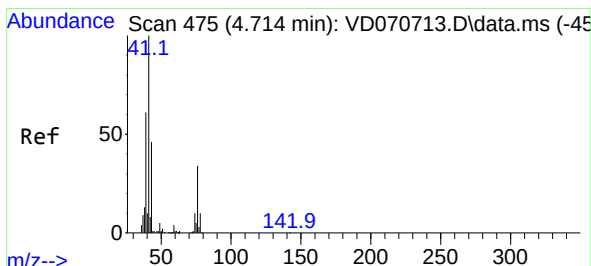
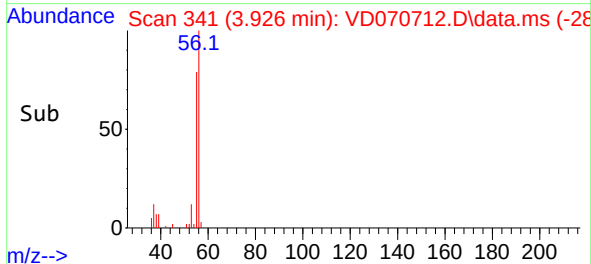
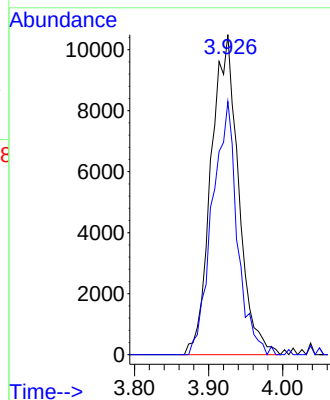
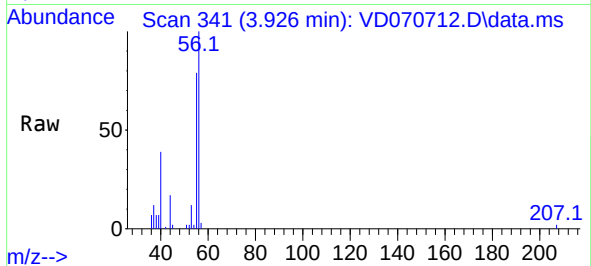
#13
Acrolein
Concen: 99.25 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 56 Resp: 26999
Ion Ratio Lower Upper
56 100
55 72.2 56.8 85.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

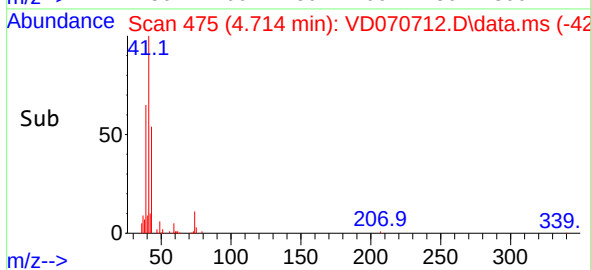
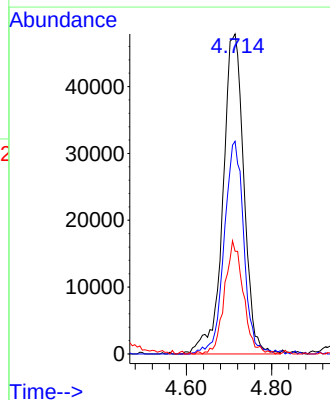
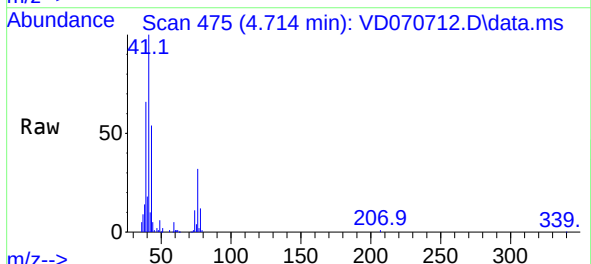
Manual Integrations
APPROVED

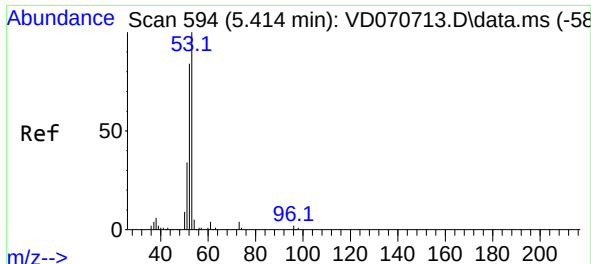
MMDadoda
10/18/2021 5:51:04 PM



#14
Allyl chloride
Concen: 18.74 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

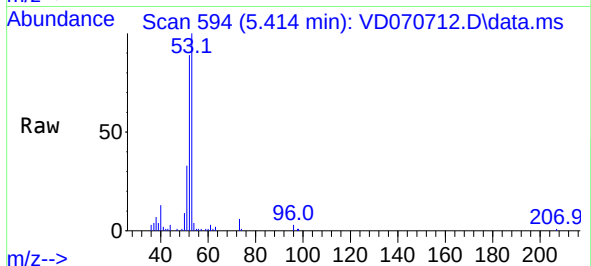
Tgt Ion: 41 Resp: 163398
Ion Ratio Lower Upper
41 100
39 62.2 46.4 69.6
76 31.8 34.6 51.8#





#15
Acrylonitrile
Concen: 104.57 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

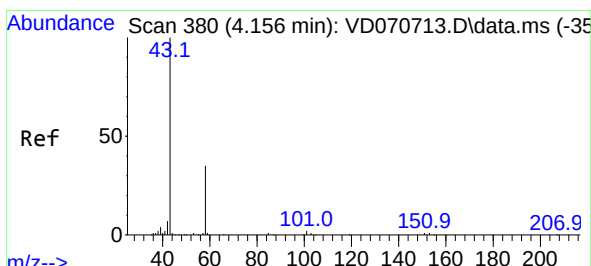
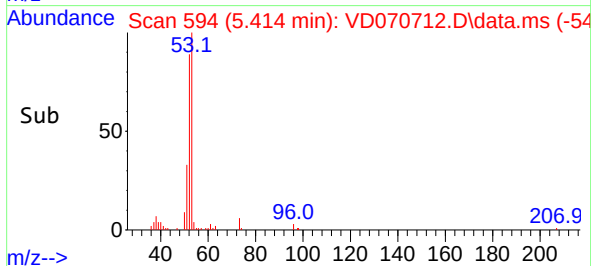
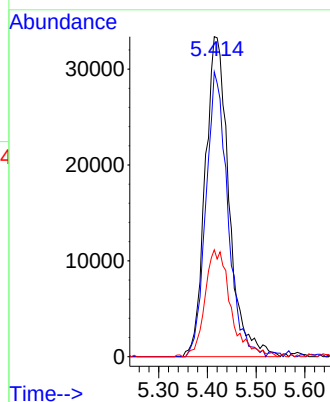


Tgt Ion: 53 Resp: 113080

Ion	Ratio	Lower	Upper
53	100		
52	81.9	64.6	97.0
51	36.1	28.7	43.1

Manual Integrations
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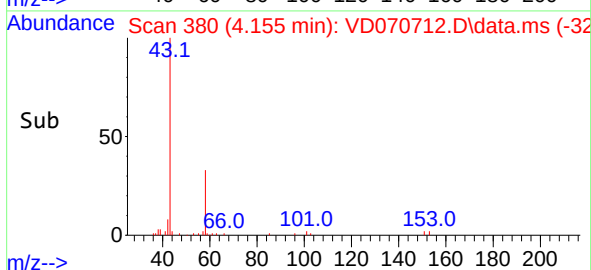
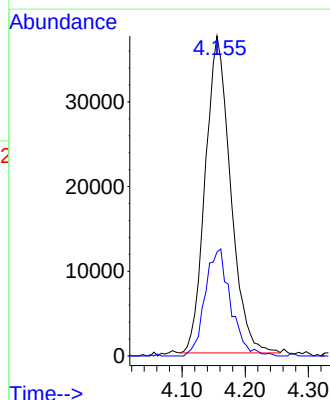
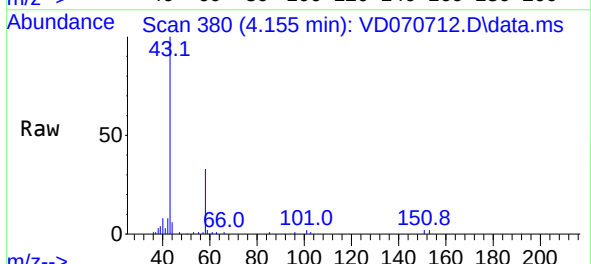
MMDadoda
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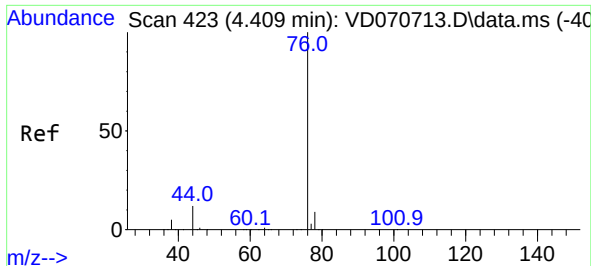


#16
Acetone
Concen: 86.09 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 43 Resp: 104247

Ion	Ratio	Lower	Upper
43	100		
58	32.8	28.2	42.2





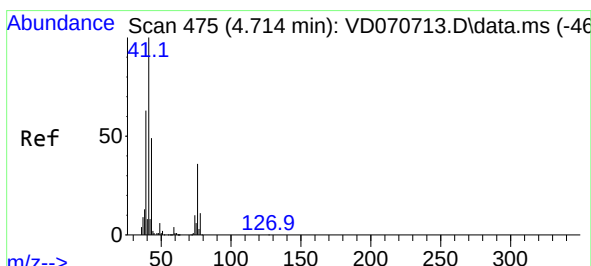
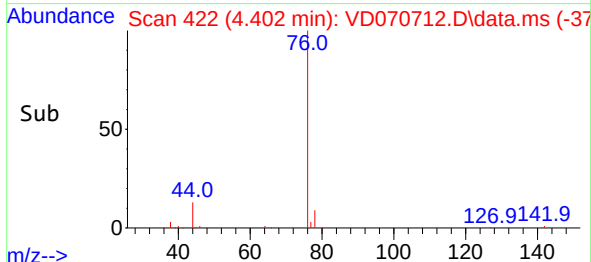
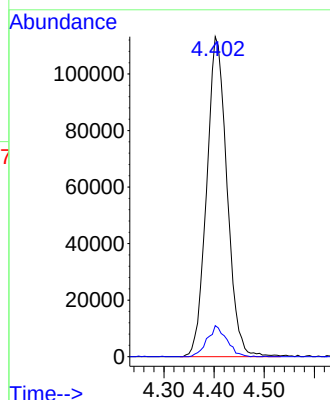
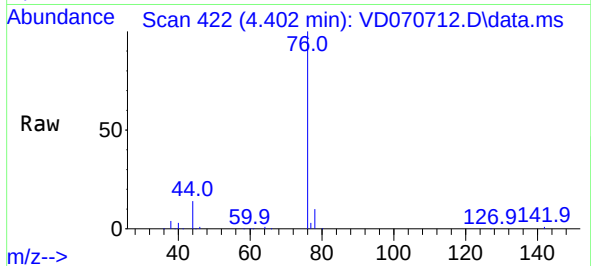
#17
Carbon Disulfide
Concen: 19.00 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 76 Resp: 319027
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

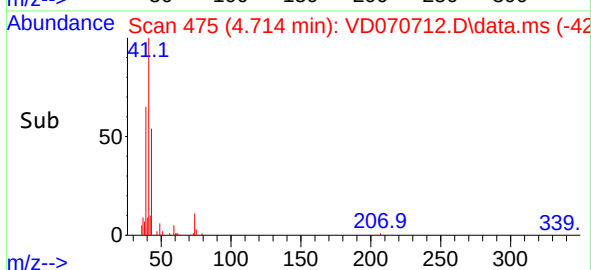
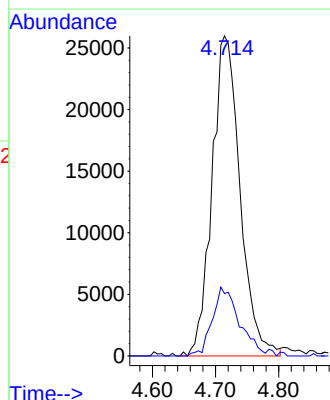
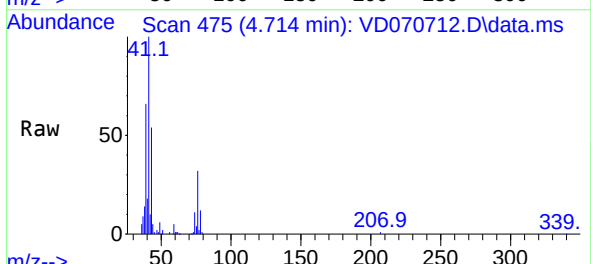
Manual Integrations
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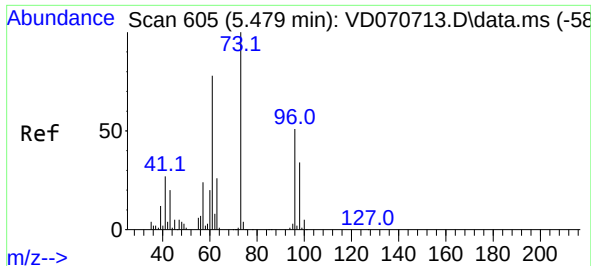
MMDadoda
10/18/2021 5:51:04 PM



#18
Methyl Acetate
Concen: 19.06 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 43 Resp: 80211
Ion Ratio Lower Upper
43 100
74 20.7 22.6 33.8#





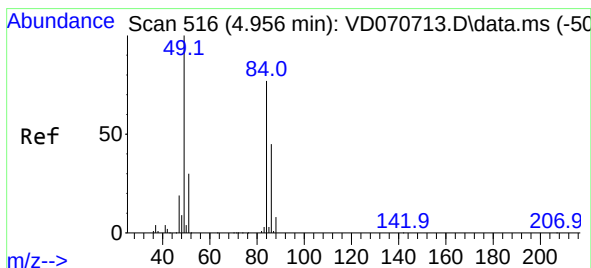
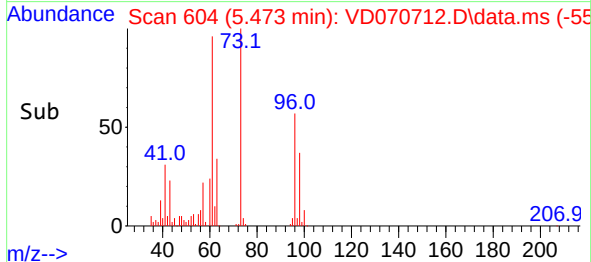
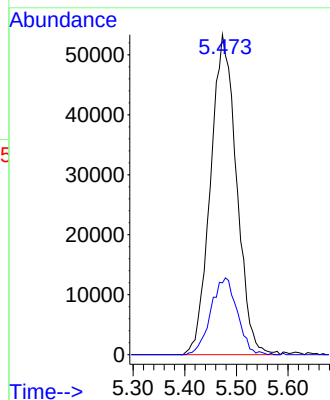
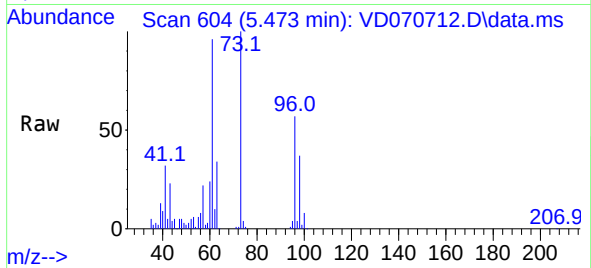
#19
Methyl tert-butyl Ether
Concen: 18.77 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 73 Resp: 187024
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

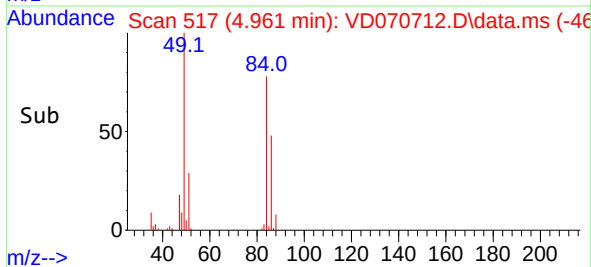
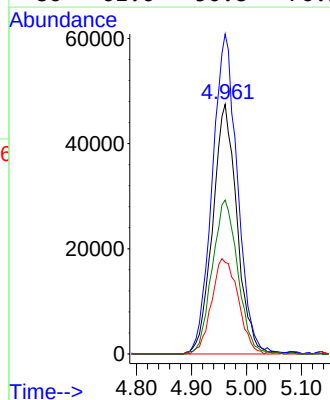
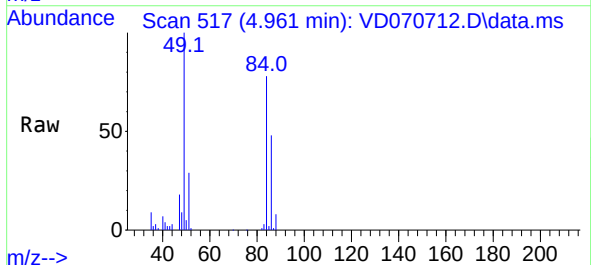
Manual Integrations
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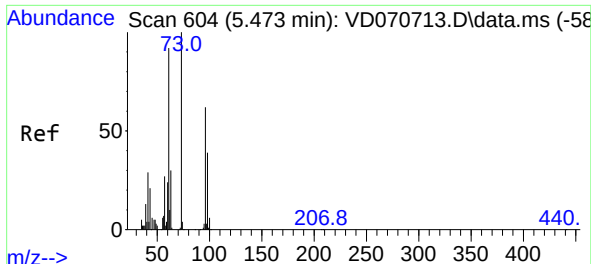
MMDadoda
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#20
Methylene Chloride
Concen: 18.69 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

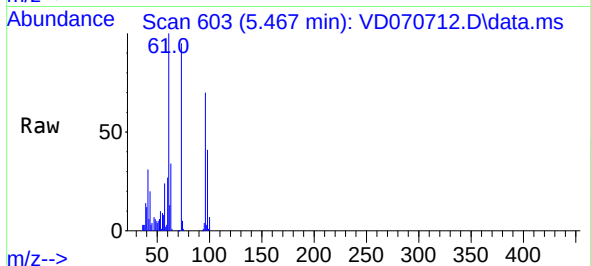
Tgt Ion: 84 Resp: 146068
Ion Ratio Lower Upper
84 100
49 128.1 91.4 137.2
51 36.7 26.7 40.1
86 61.6 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 19.47 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

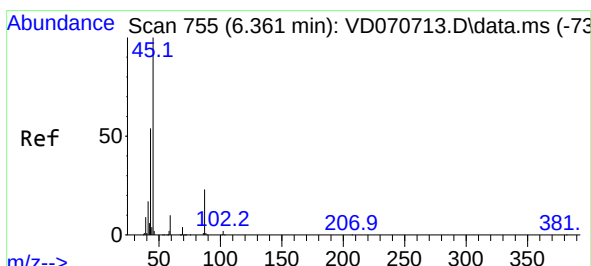
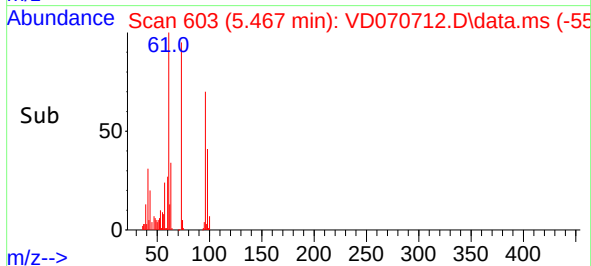
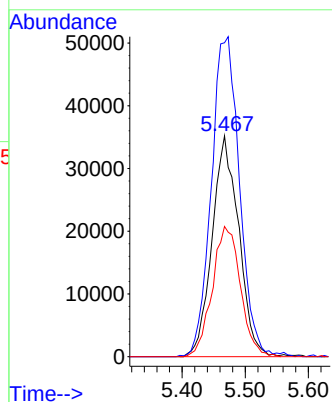
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 102915
Ion Ratio Lower Upper
96 100
61 141.6 111.1 166.7
98 59.0 51.9 77.9

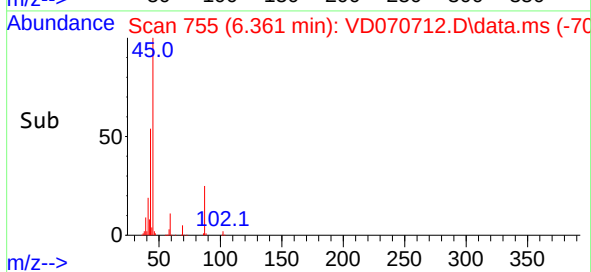
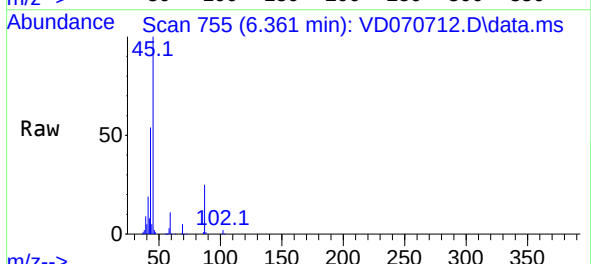
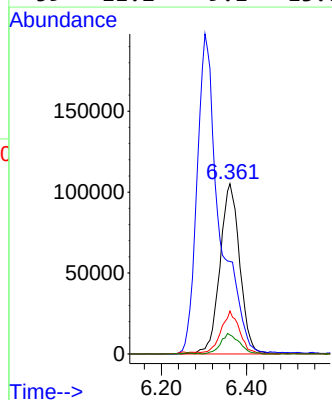
Manual Integrations
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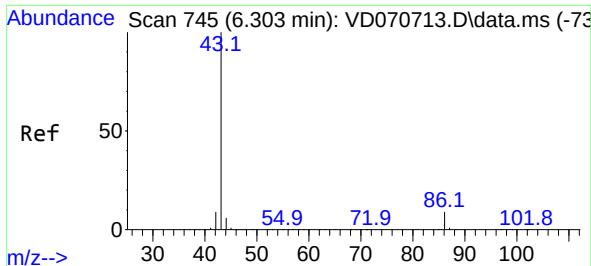
MMDadoda
10/18/2021 5:51:04 PM



#22
Diisopropyl ether
Concen: 19.96 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 45 Resp: 338968
Ion Ratio Lower Upper
45 100
43 53.4 40.6 61.0
87 25.0 24.6 37.0
59 11.2 9.1 13.7





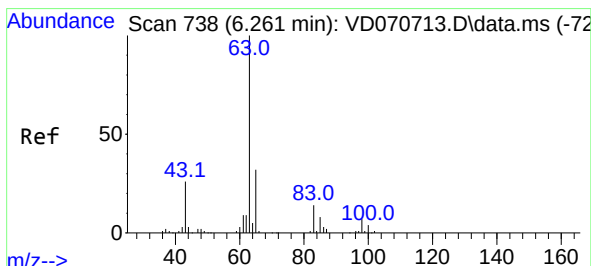
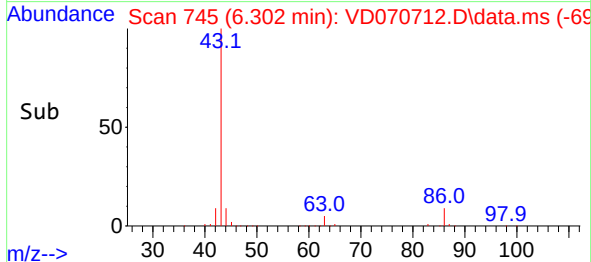
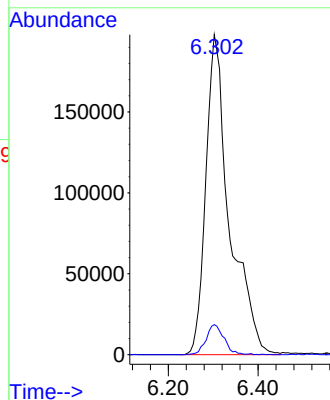
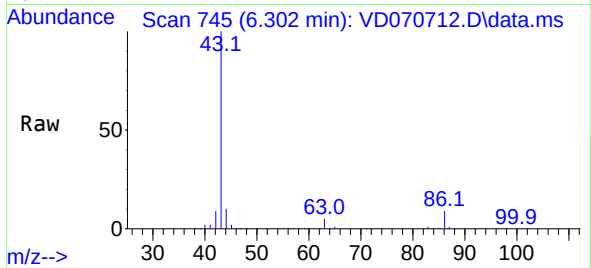
#23
 Vinyl Acetate
 Concen: 96.17 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070712.D
 Acq: 15 Oct 2021 11:42

Tgt Ion: 43 Resp: 725627
 Ion Ratio Lower Upper
 43 100
 86 9.4 9.8 14.6#

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

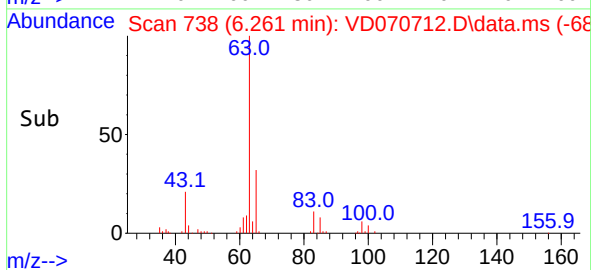
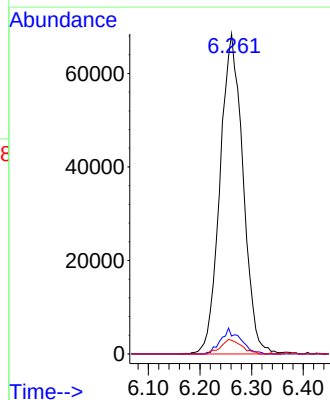
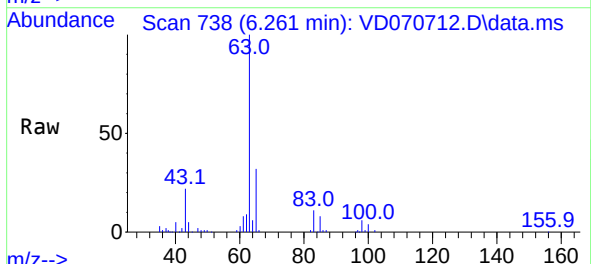
Manual Integrations
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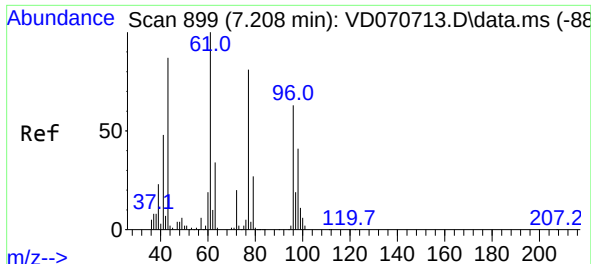
MMDadoda
 10/18/2021 5:51:04 PM



#24
 1,1-Dichloroethane
 Concen: 19.98 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070712.D
 Acq: 15 Oct 2021 11:42

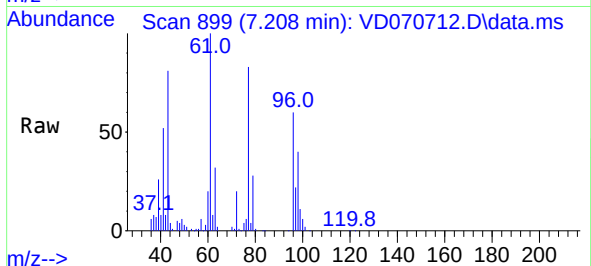
Tgt Ion: 63 Resp: 211348
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.6 10.9
 100 4.2 2.4 7.2





#25
2-Butanone
Concen: 90.00 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

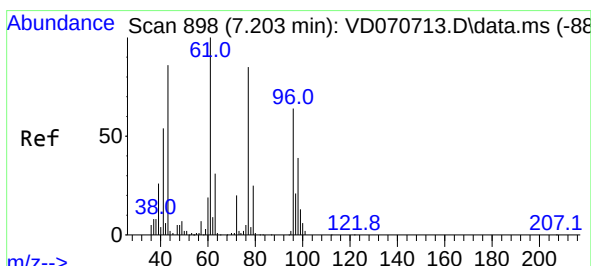
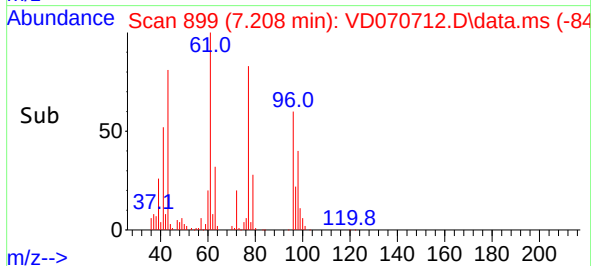
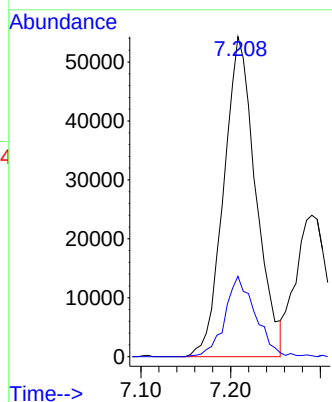
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



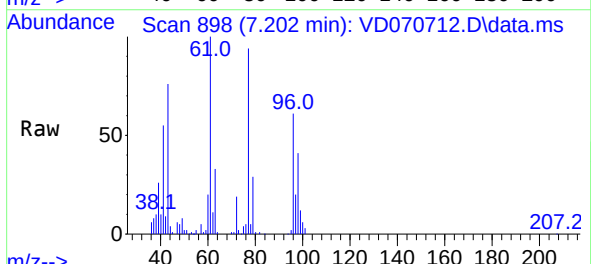
Tgt Ion: 43 Resp: 134636
Ion Ratio Lower Upper
43 100
72 25.1 25.2 37.8#

Manual Integrations
APPROVED

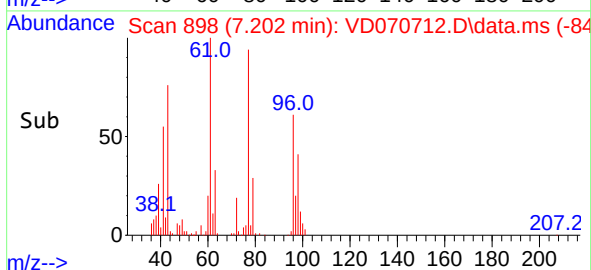
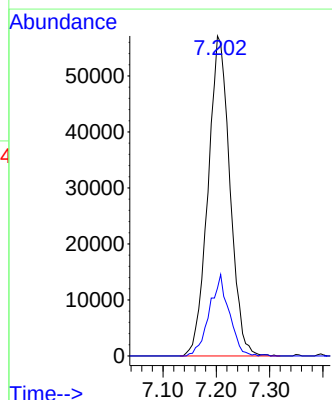
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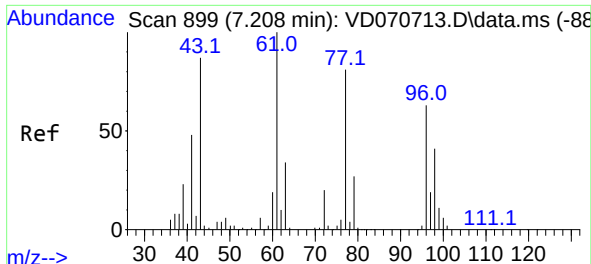


#26
2,2-Dichloropropane
Concen: 19.46 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 77 Resp: 162791
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 18.77 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

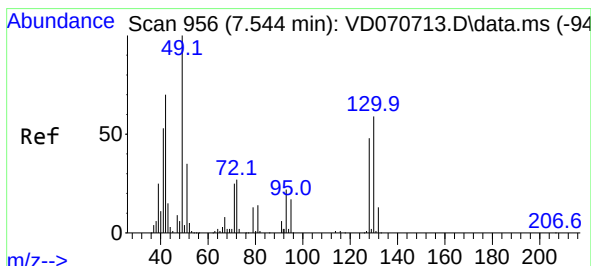
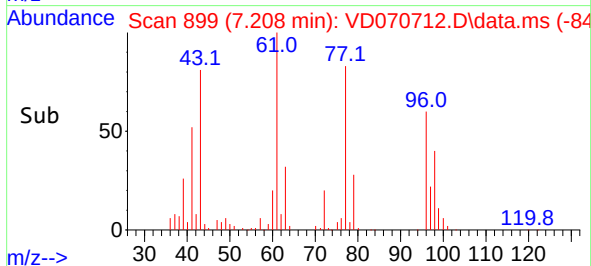
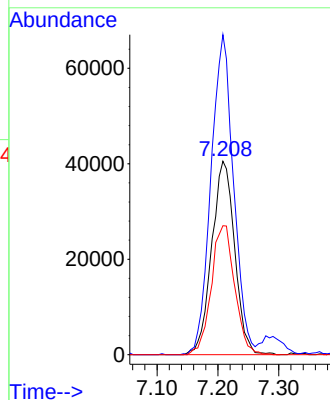
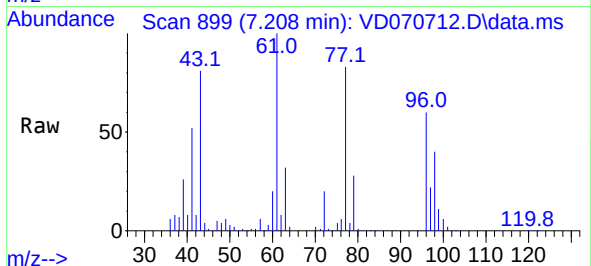
Tgt Ion: 96 Resp: 106413

Ion	Ratio	Lower	Upper
96	100		
61	162.4	0.0	278.2
98	67.9	0.0	128.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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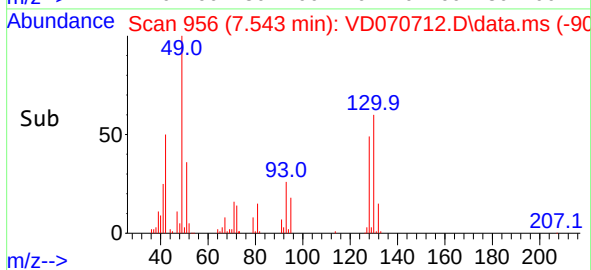
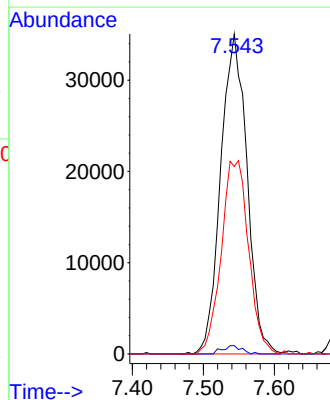
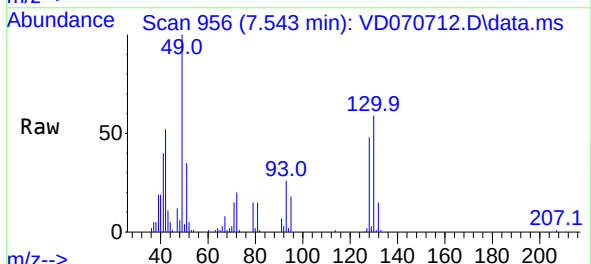
MMDadoda
10/18/2021 5:51:04 PM

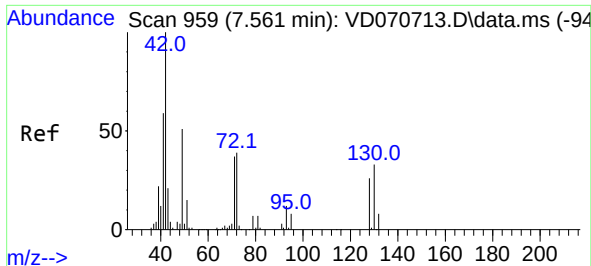


#28
Bromochloromethane
Concen: 21.40 ug/l
RT: 7.543 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 49 Resp: 90000

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	62.7	62.4	93.6





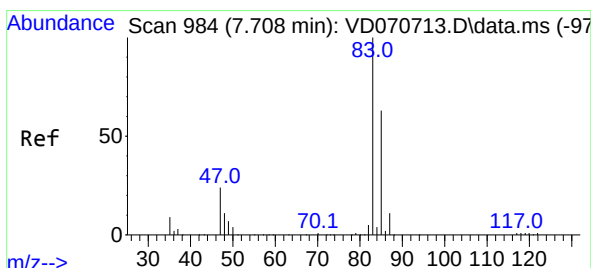
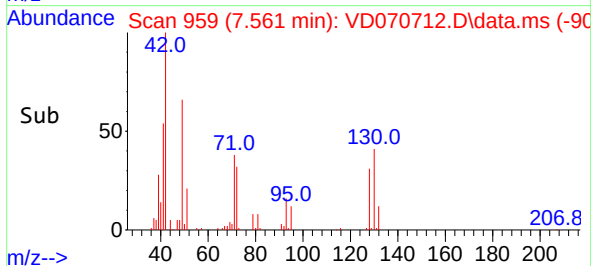
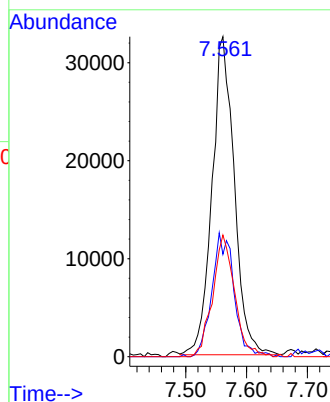
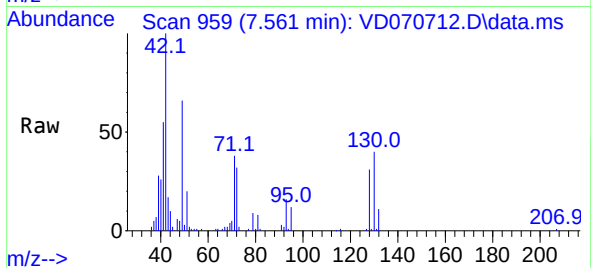
#29
Tetrahydrofuran
Concen: 90.29 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 42 Resp: 82690
Ion Ratio Lower Upper
42 100
72 38.8 40.2 60.4#
71 37.6 37.2 55.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

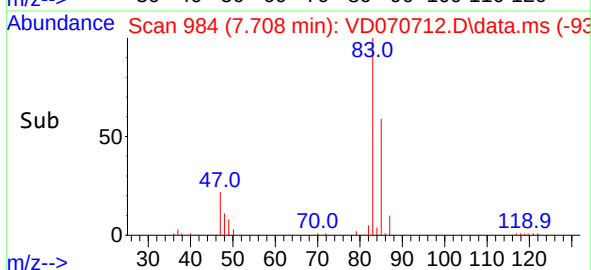
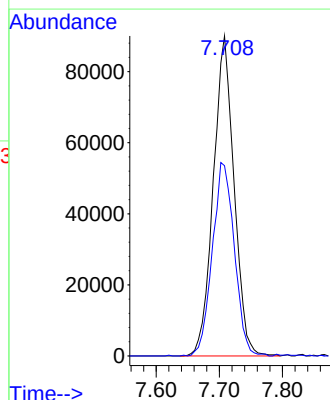
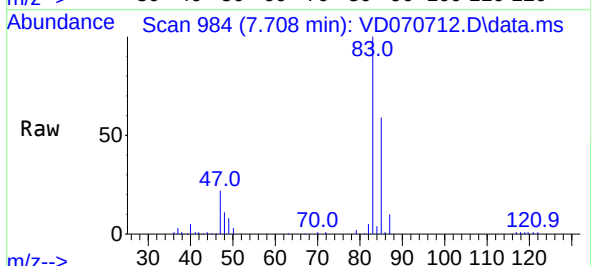
Manual Integrations
APPROVED

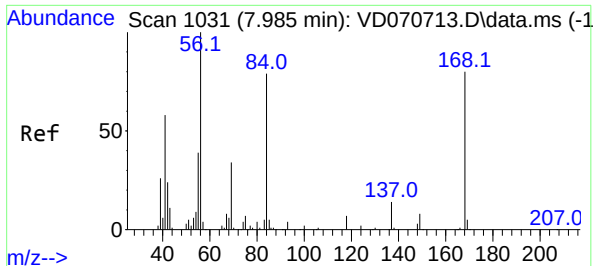
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#30
Chloroform
Concen: 19.89 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

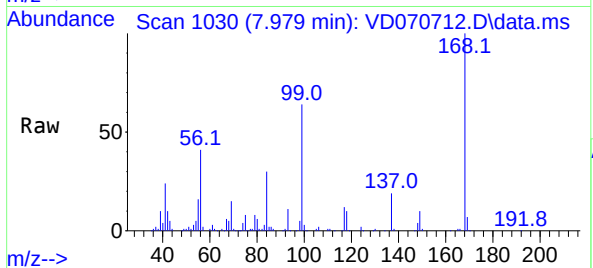
Tgt Ion: 83 Resp: 205595
Ion Ratio Lower Upper
83 100
85 59.5 51.2 76.8





#31
Cyclohexane
Concen: 18.66 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

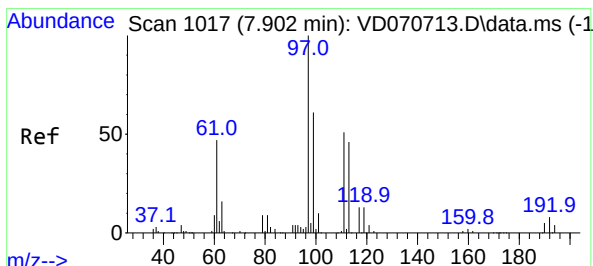
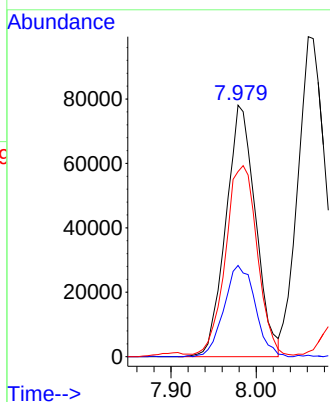
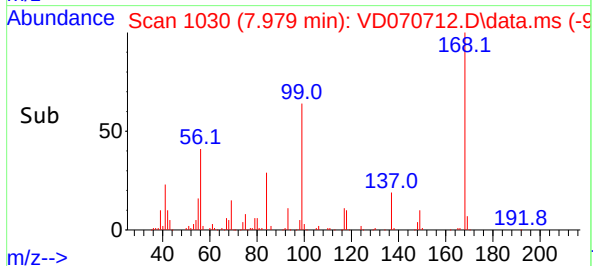
Instrument :
MSVOA_D
ClientSampled :
VSTDIC020



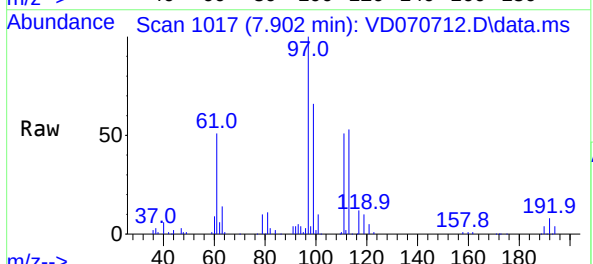
Tgt Ion: 56 Resp: 189542
Ion Ratio Lower Upper
56 100
69 36.3 27.4 41.2
84 71.9 73.6 110.4#

Manual Integrations
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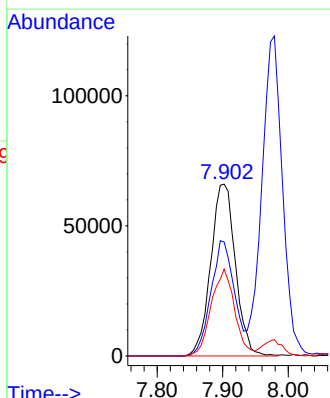
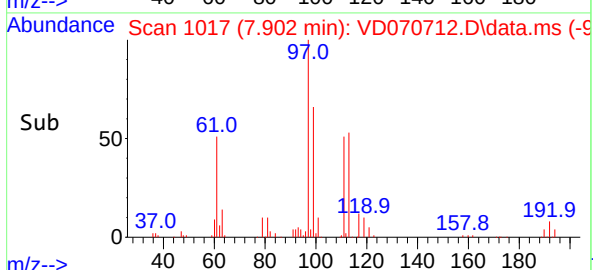
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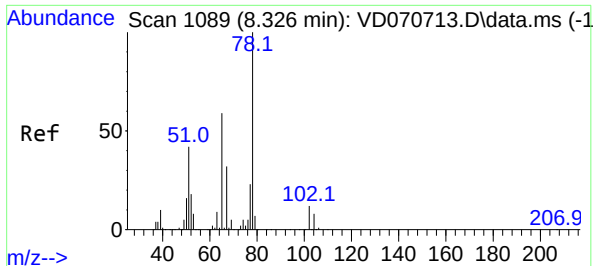


#32
1,1,1-Trichloroethane
Concen: 19.67 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



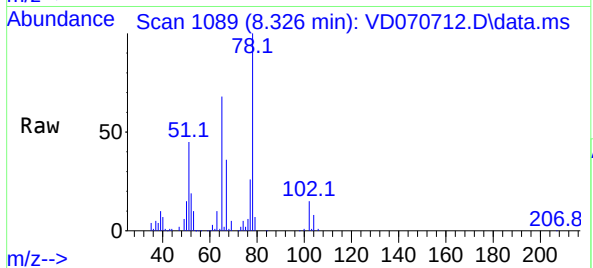
Tgt Ion: 97 Resp: 172505
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 48.0 32.5 48.7





#33
1,2-Dichloroethane-d4
Concen: 20.56 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

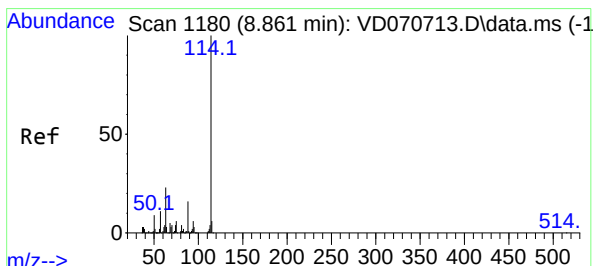
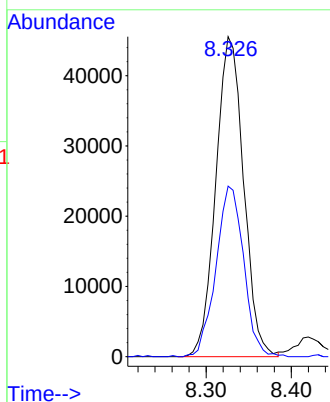
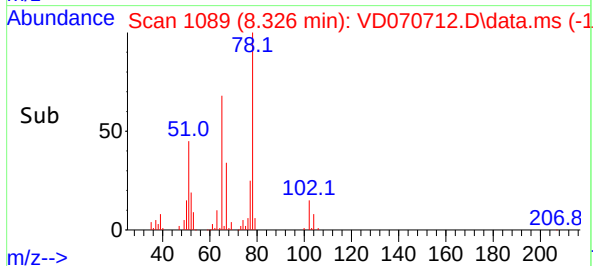
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



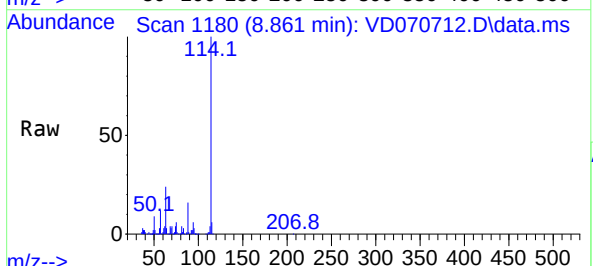
Tgt Ion: 65 Resp: 103224
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.2

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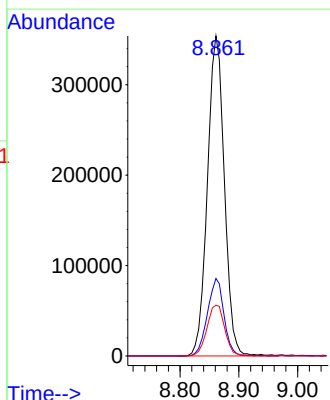
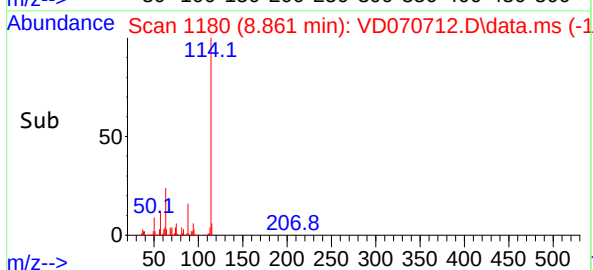
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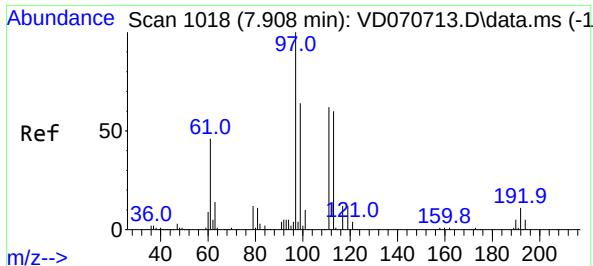


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 114 Resp: 709675
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 15.9 0.0 32.6





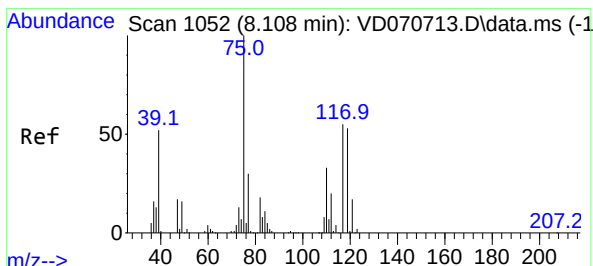
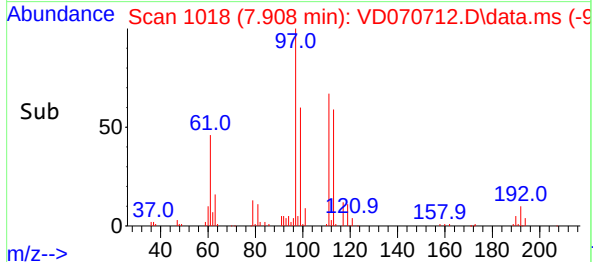
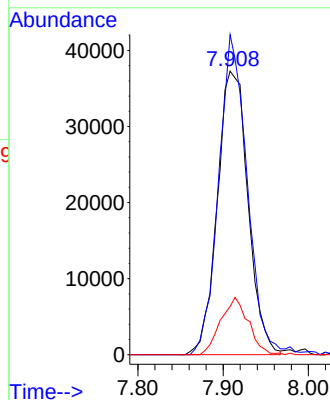
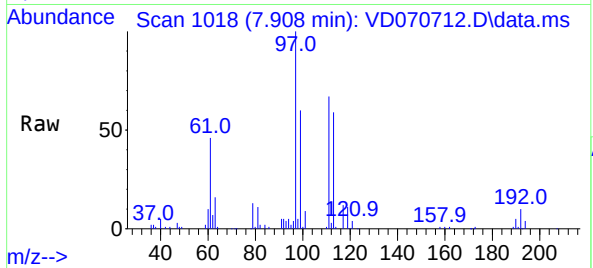
#35
Dibromofluoromethane
Concen: 20.53 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 113 Resp: 93297
Ion Ratio Lower Upper
113 100
111 105.3 83.1 124.7
192 18.4 12.7 19.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

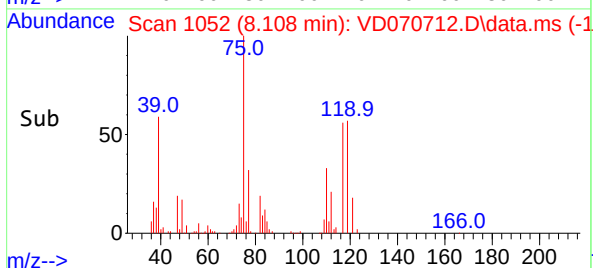
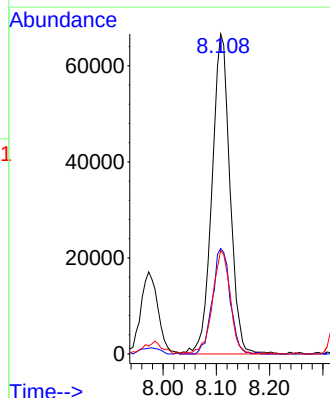
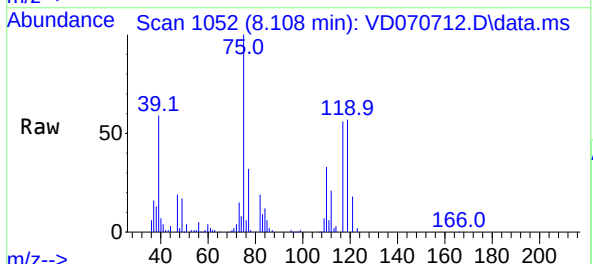
Manual Integrations
APPROVED

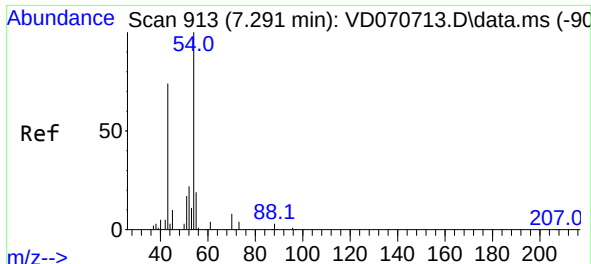
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#36
1,1-Dichloropropene
Concen: 19.75 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

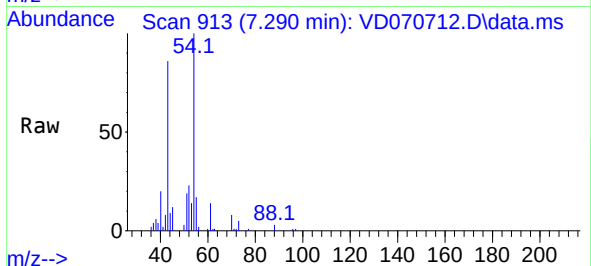
Tgt Ion: 75 Resp: 156154
Ion Ratio Lower Upper
75 100
110 32.3 17.2 51.6
77 31.9 24.2 36.4





#37
Ethyl Acetate
Concen: 19.42 ug/l
RT: 7.290 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

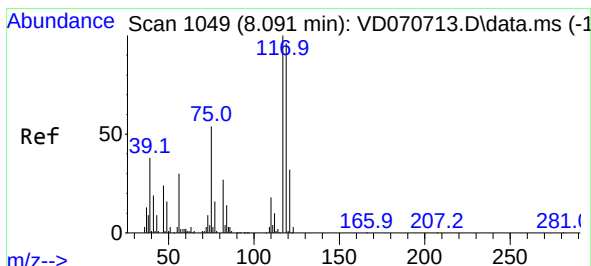
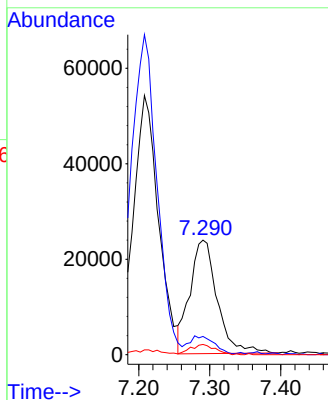
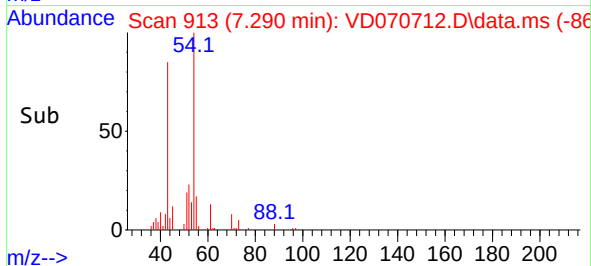
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



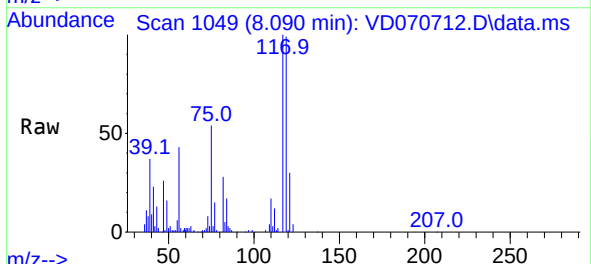
Tgt Ion: 43 Resp: 63623
Ion Ratio Lower Upper
43 100
61 14.2 12.9 19.3
70 8.2 9.9 14.9#

Manual Integrations
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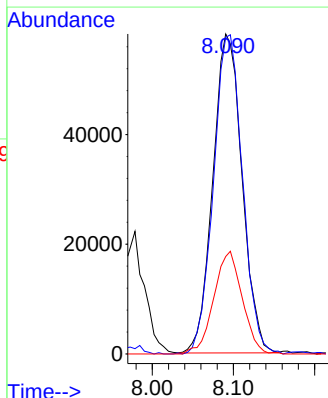
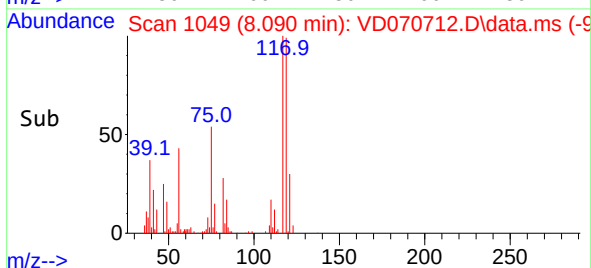
MMDadoda
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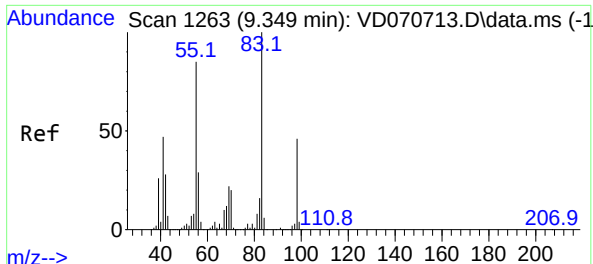


#38
Carbon Tetrachloride
Concen: 19.18 ug/l
RT: 8.090 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 117 Resp: 145257
Ion Ratio Lower Upper
117 100
119 99.0 77.4 116.0
121 30.6 25.4 38.0





#39

Methylcyclohexane

Concen: 18.52 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070712.D

Acq: 15 Oct 2021 11:42

Tgt Ion:	83	Resp:	165127
Ion	Ratio	Lower	Upper
83	100		
55	96.2	58.2	87.4#
98	50.3	36.9	55.3

Instrument :

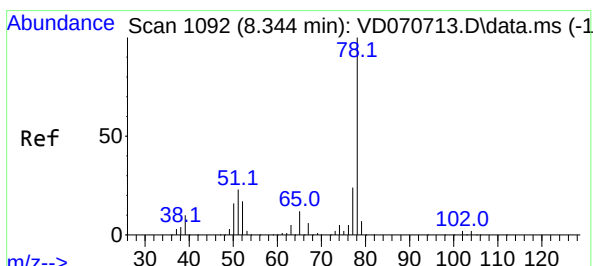
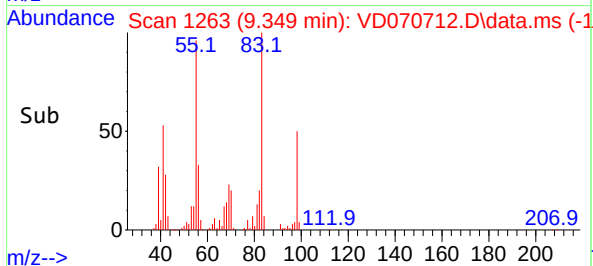
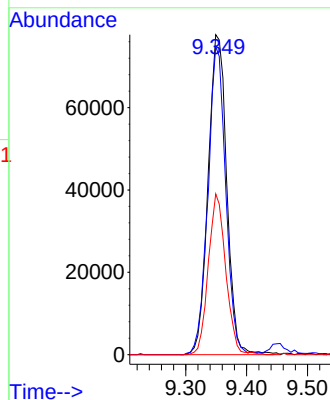
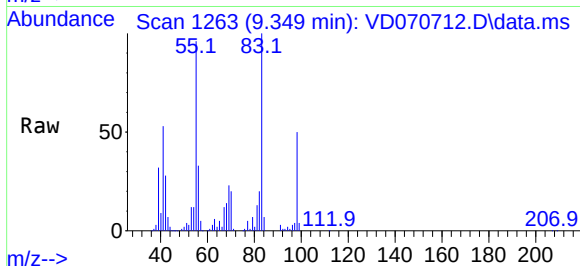
MSVOA_D

ClientSampleId :

VSTDIC020

Manual Integrations
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#40

Benzene

Concen: 19.62 ug/l

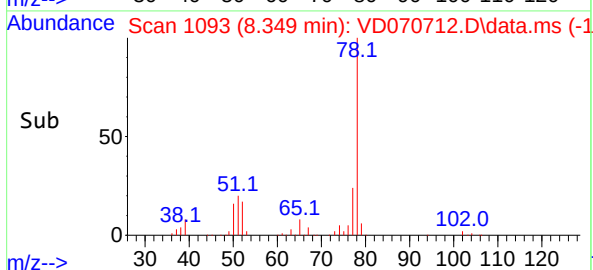
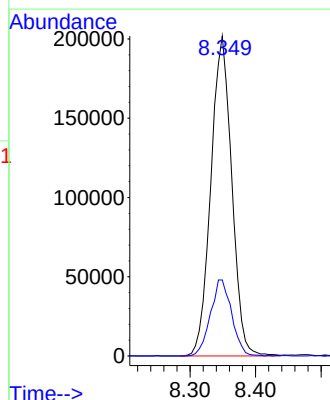
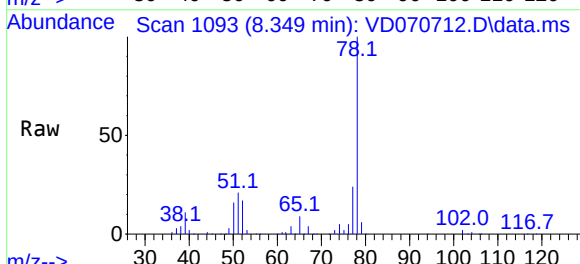
RT: 8.349 min Scan# 1093

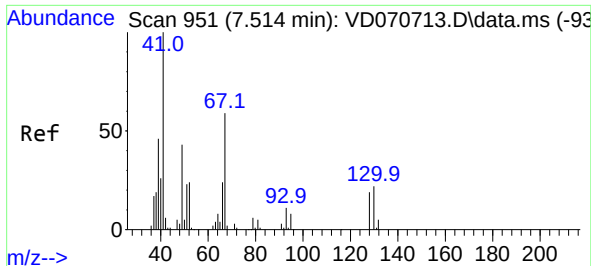
Delta R.T. 0.006 min

Lab File: VD070712.D

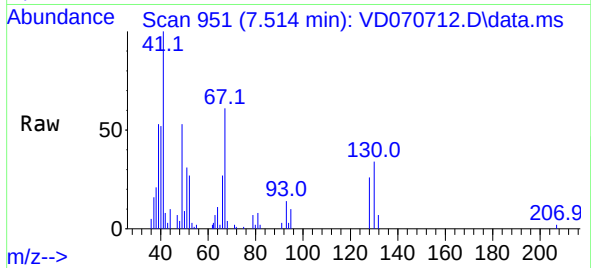
Acq: 15 Oct 2021 11:42

Tgt Ion:	78	Resp:	446828
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3

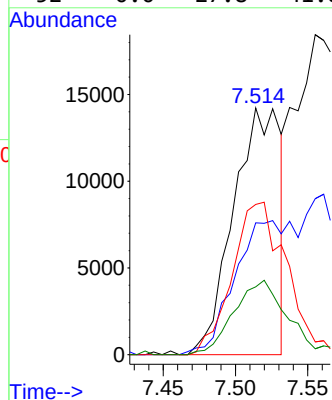




#41
Methacrylonitrile
Concen: 17.95 ug/l m
RT: 7.514 min Scan# 951
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



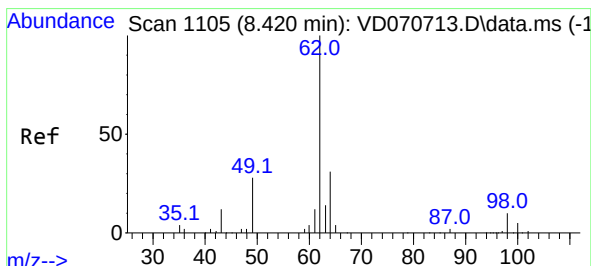
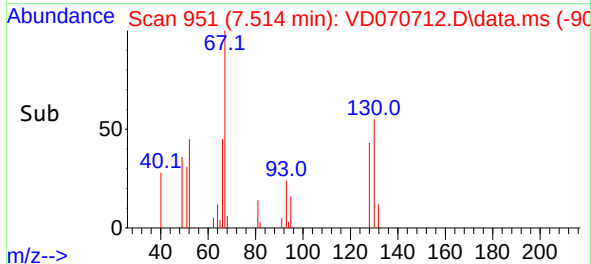
Tgt Ion: 41 Resp: 32334
Ion Ratio Lower Upper
41 100
39 56.9 45.2 67.8
67 0.0 75.8 113.6#
52 0.0 27.8 41.8#



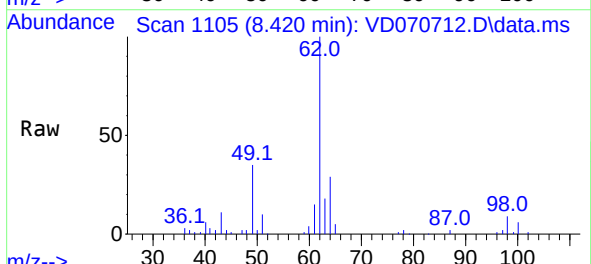
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

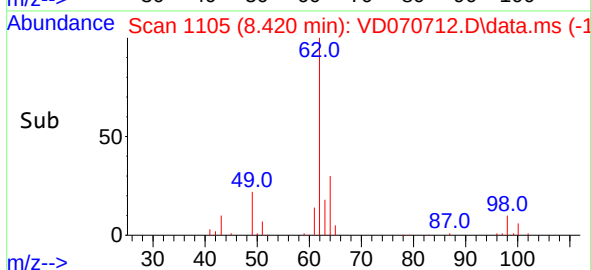
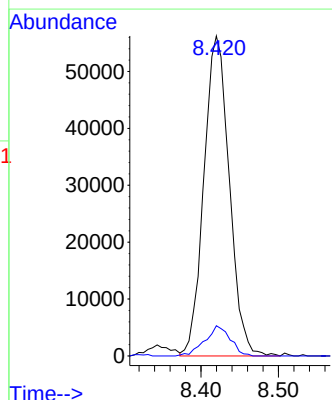
MMDadoda
10/18/2021 5:51:04 PM

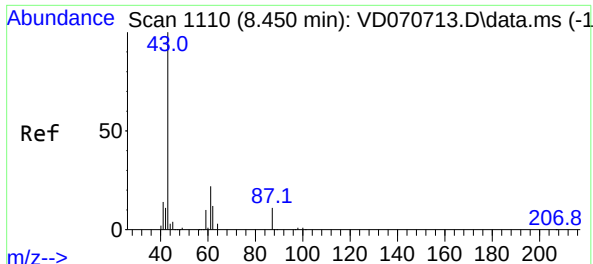


#42
1,2-Dichloroethane
Concen: 19.83 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 62 Resp: 128131
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0





#43

Isopropyl Acetate
Concen: 19.05 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

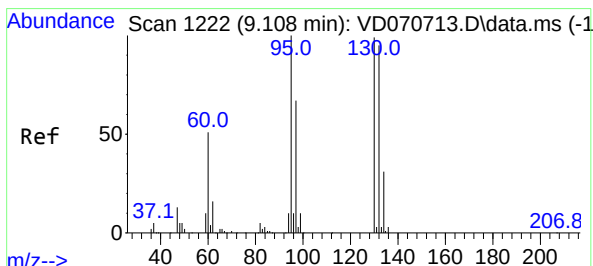
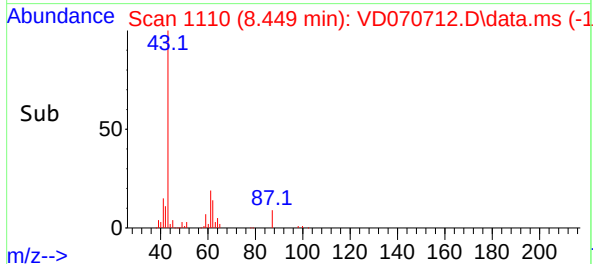
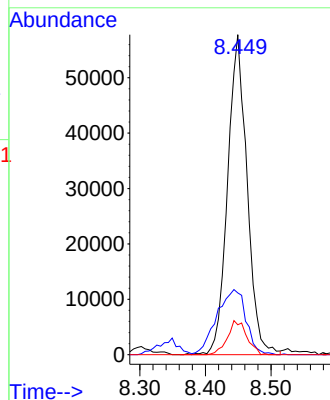
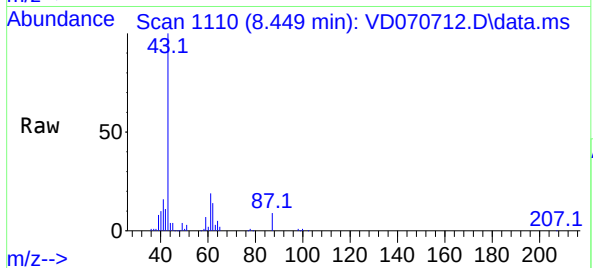
Tgt Ion: 43 Resp: 119029

Ion	Ratio	Lower	Upper
43	100		
61	30.6	29.0	43.4
87	10.6	11.8	17.6#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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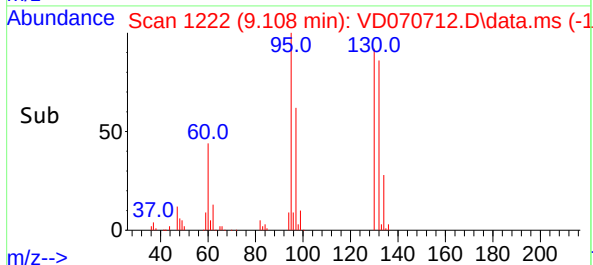
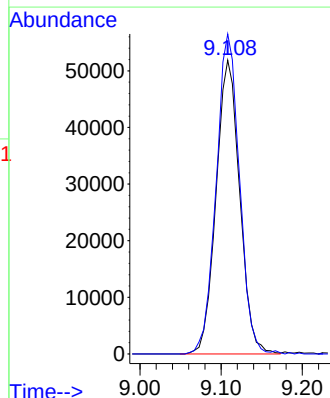
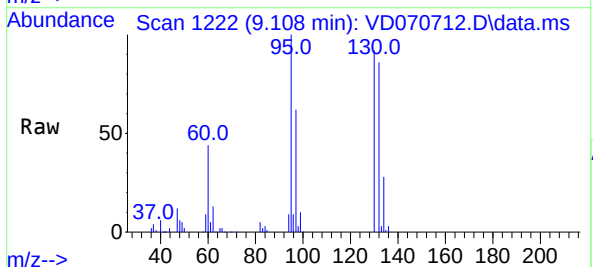


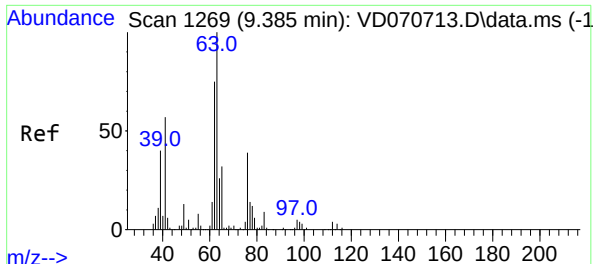
#44

Trichloroethene
Concen: 19.63 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion:130 Resp: 104943

Ion	Ratio	Lower	Upper
130	100		
95	108.9	0.0	200.8





#45

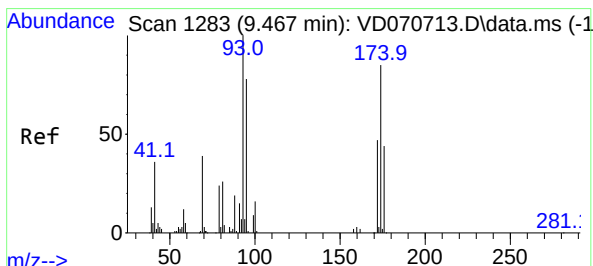
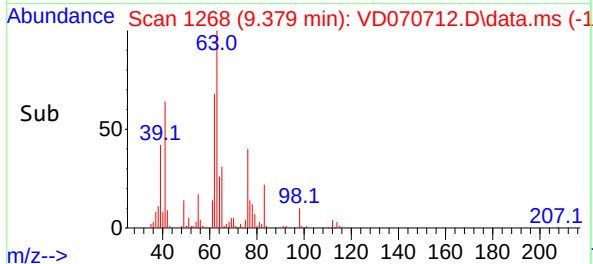
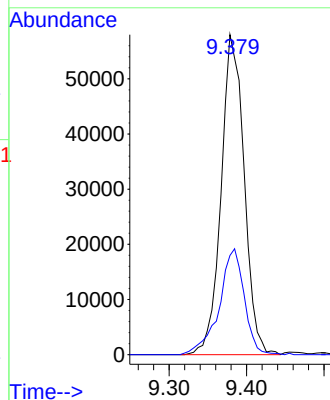
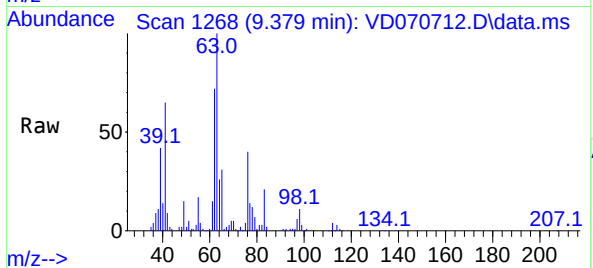
1,2-Dichloropropane
Concen: 19.96 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 63 Resp: 120077
Ion Ratio Lower Upper
63 100
65 31.0 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
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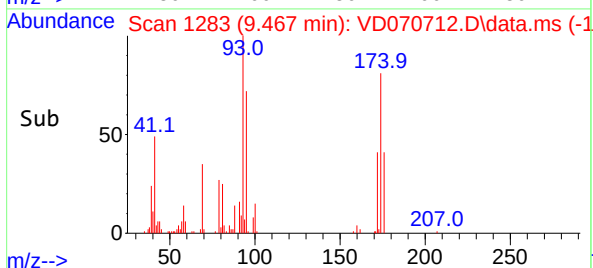
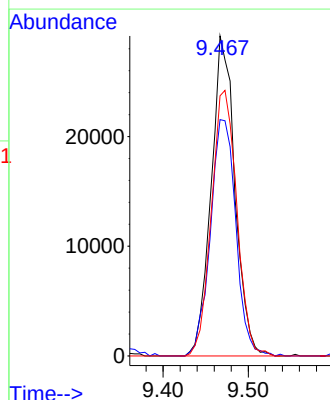
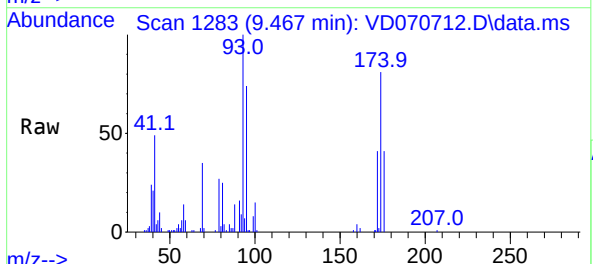
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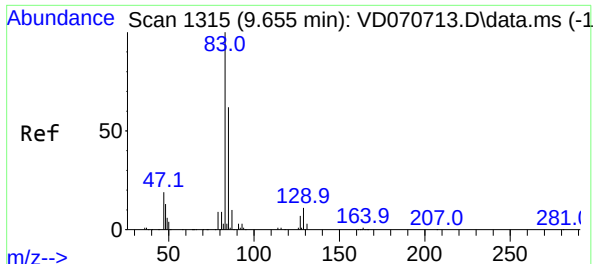


#46

Dibromomethane
Concen: 19.62 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

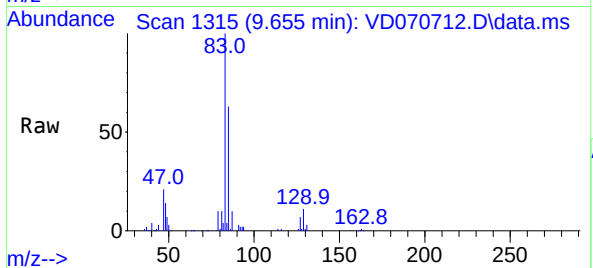
Tgt Ion: 93 Resp: 56515
Ion Ratio Lower Upper
93 100
95 79.2 66.5 99.7
174 88.7 66.7 100.1





#47
Bromodichloromethane
Concen: 19.81 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

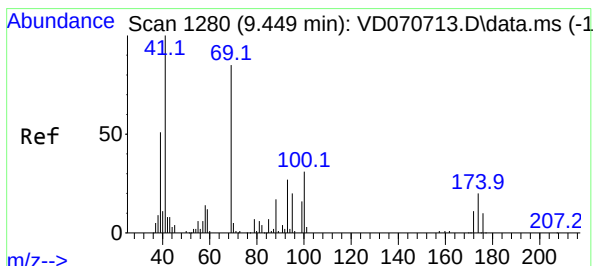
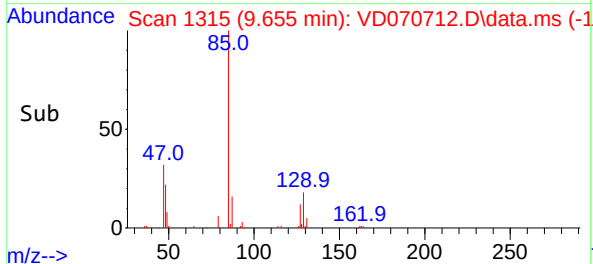
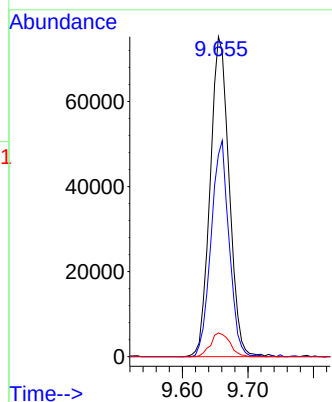
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



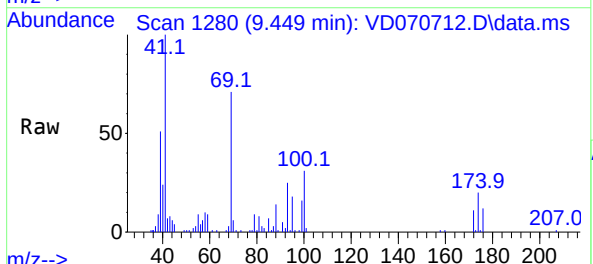
Tgt Ion: 83 Resp: 151370
Ion Ratio Lower Upper
83 100
85 63.2 50.7 76.1
127 7.4 6.5 9.7

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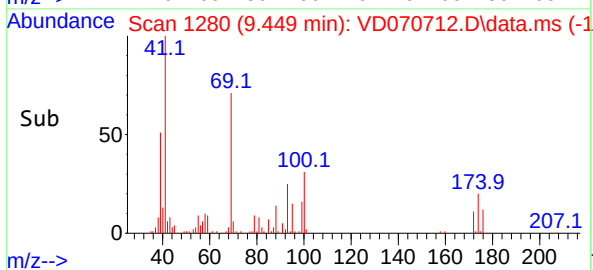
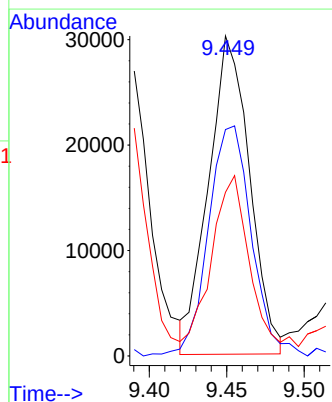
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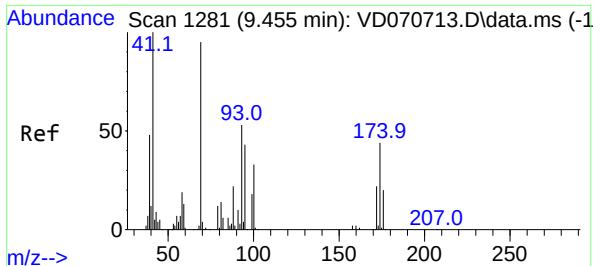


#48
Methyl methacrylate
Concen: 18.15 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 41 Resp: 55566
Ion Ratio Lower Upper
41 100
69 75.9 78.5 117.7#
39 49.1 34.9 52.3





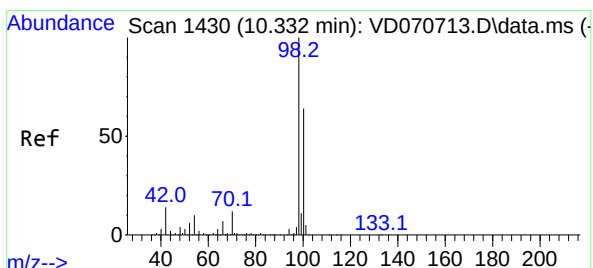
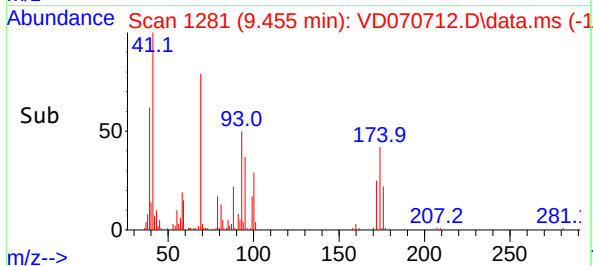
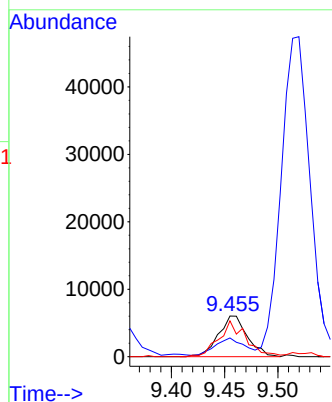
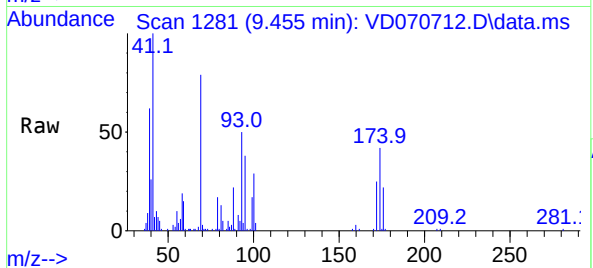
#49
1,4-Dioxane
Concen: 366.86 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 88 Resp: 11348
Ion Ratio Lower Upper
88 100
43 42.7 25.1 37.7#
58 82.7 57.4 86.0

Instrument :
MSVOA_D
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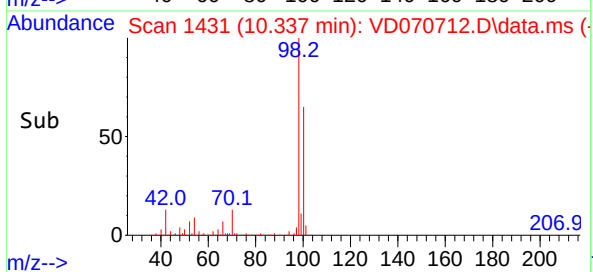
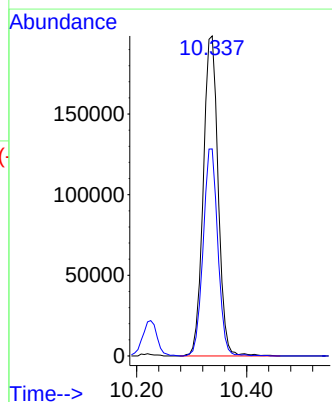
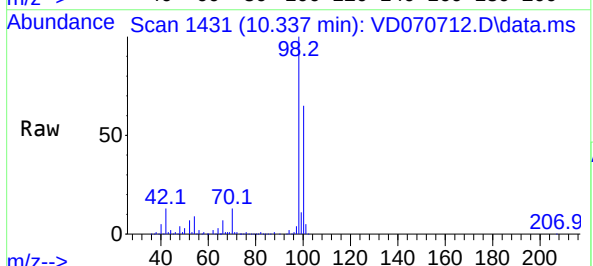
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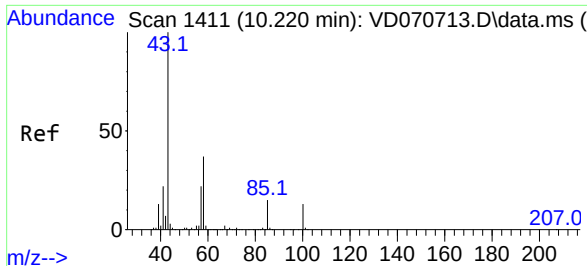
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#50
Toluene-d8
Concen: 21.36 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

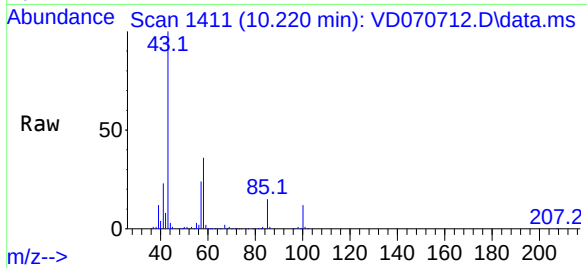
Tgt Ion: 98 Resp: 372141
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 93.50 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

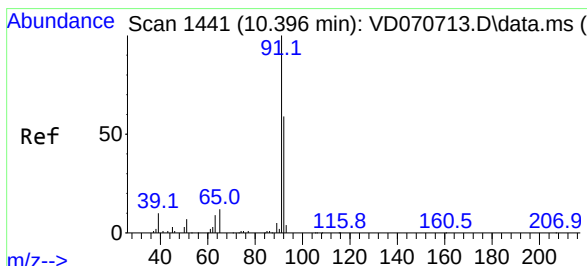
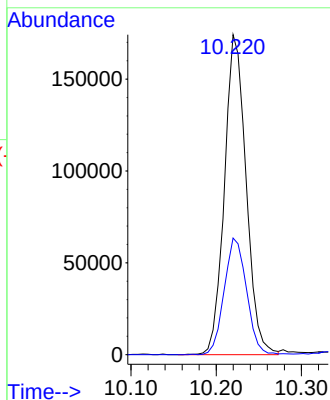
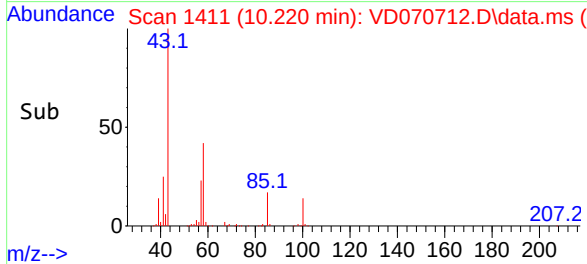
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



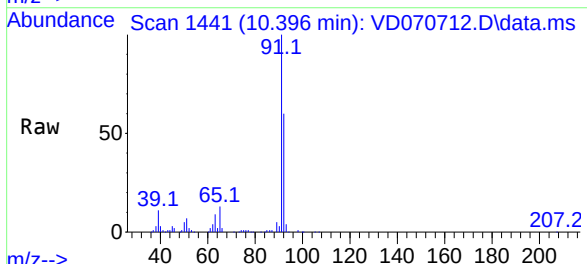
Tgt Ion: 43 Resp: 307927
Ion Ratio Lower Upper
43 100
58 37.6 35.0 52.6

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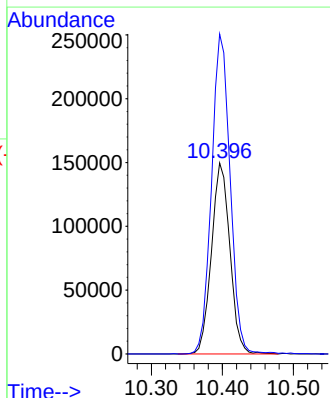
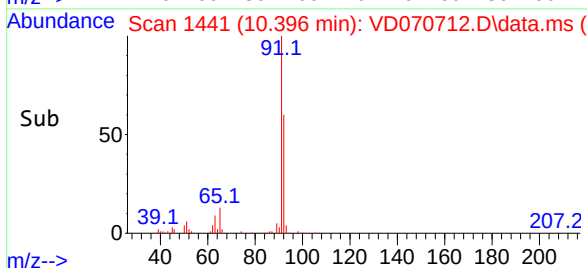
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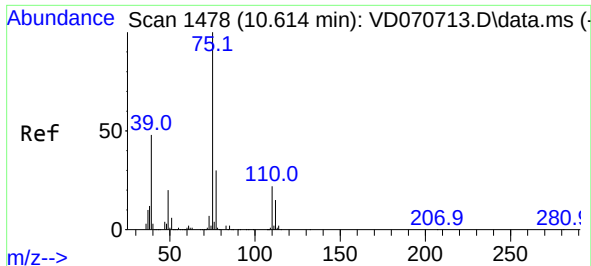


#52
Toluene
Concen: 19.83 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 92 Resp: 268817
Ion Ratio Lower Upper
92 100
91 169.4 136.3 204.5





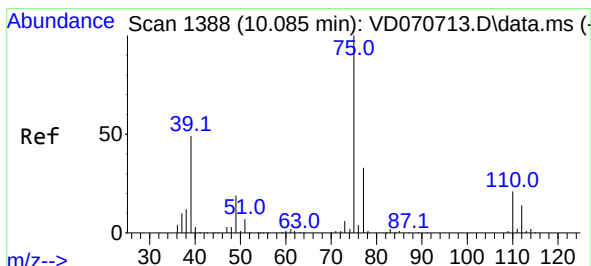
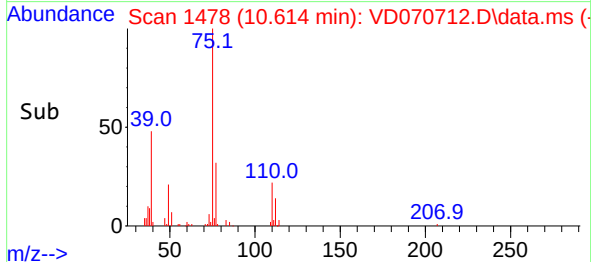
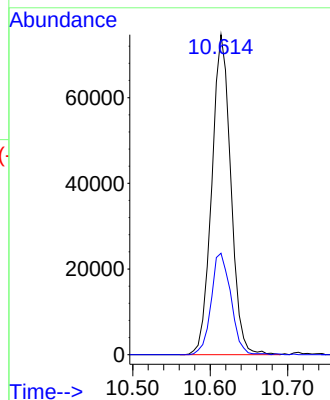
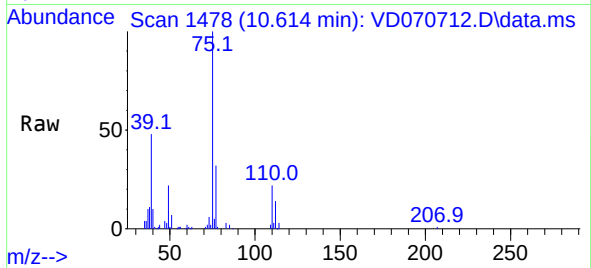
#53
t-1,3-Dichloropropene
Concen: 18.68 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 75 Resp: 127513
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
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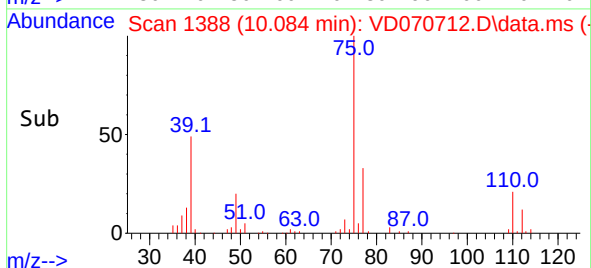
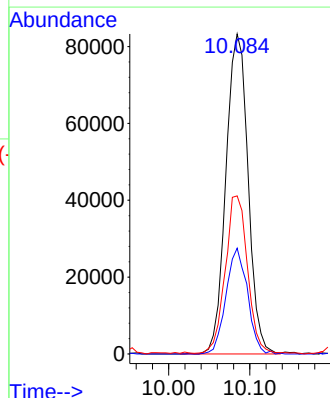
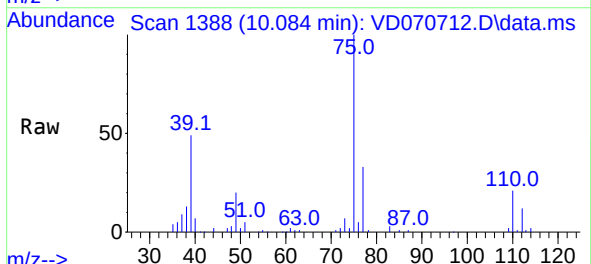
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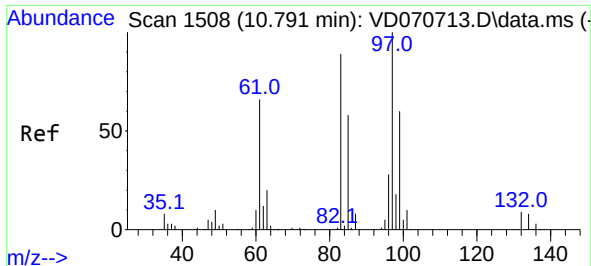
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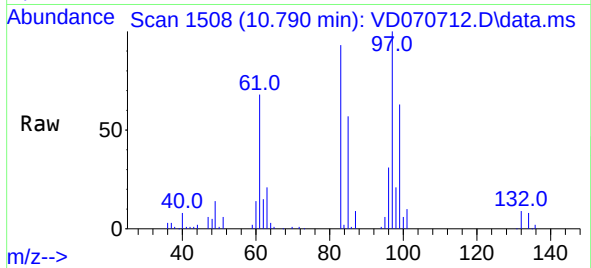
#54
cis-1,3-Dichloropropene
Concen: 19.31 ug/l
RT: 10.084 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 75 Resp: 157803
Ion Ratio Lower Upper
75 100
77 33.1 25.2 37.8
39 49.2 27.8 41.6#

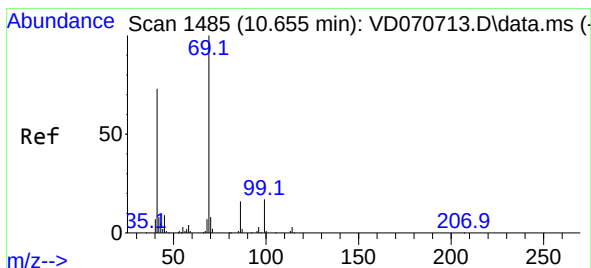
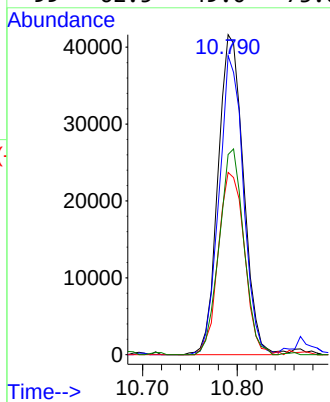
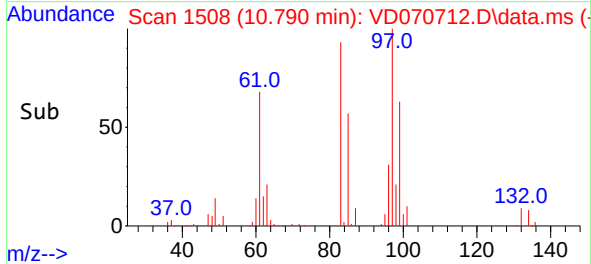




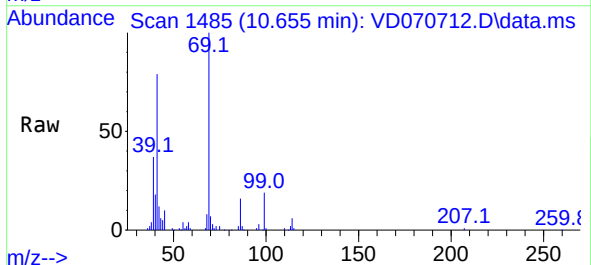
#55
1,1,2-Trichloroethane
Concen: 19.62 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



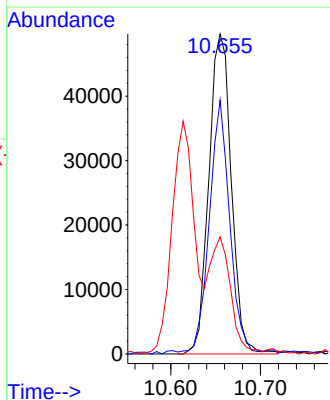
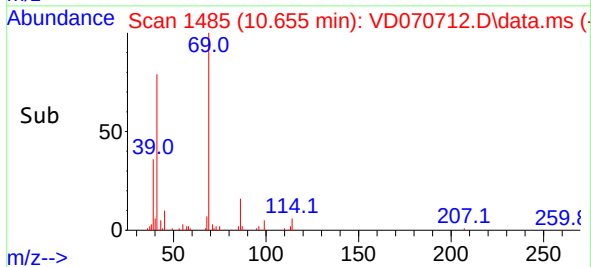
Tgt Ion:	97	Resp:	77634
Ion	Ratio	Lower	Upper
97	100		
83	93.5	69.1	103.7
85	57.0	43.0	64.6
99	62.5	49.0	73.6



#56
Ethyl methacrylate
Concen: 18.29 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



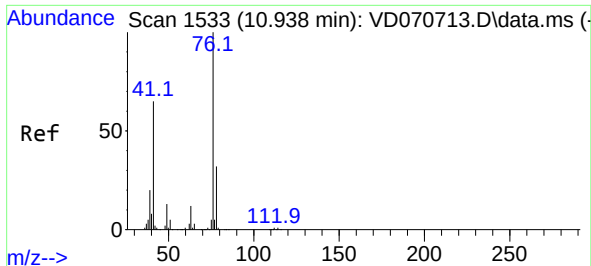
Tgt Ion:	69	Resp:	86362
Ion	Ratio	Lower	Upper
69	100		
41	70.1	44.7	67.1#
39	32.4	19.5	29.3#



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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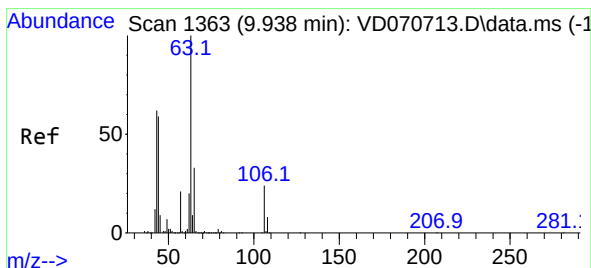
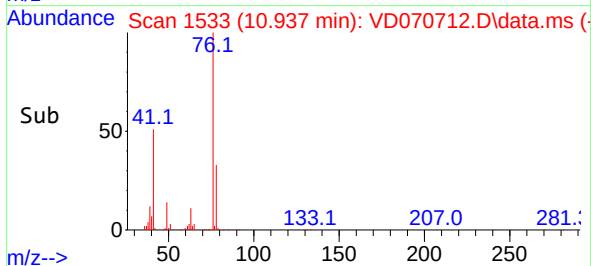
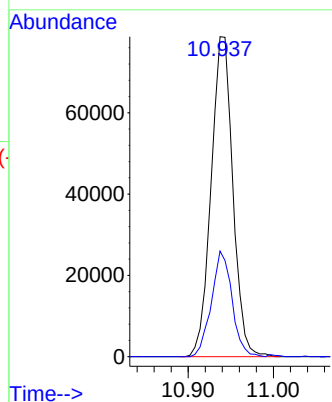
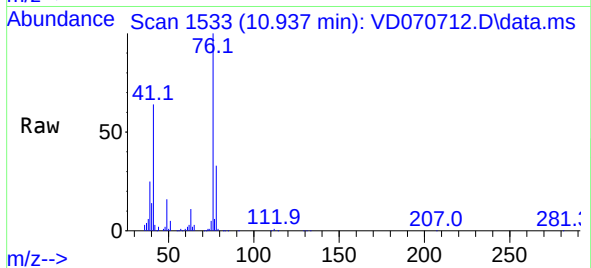
#57
1,3-Dichloropropane
Concen: 19.88 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 76 Resp: 139559
Ion Ratio Lower Upper
76 100
78 31.3 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
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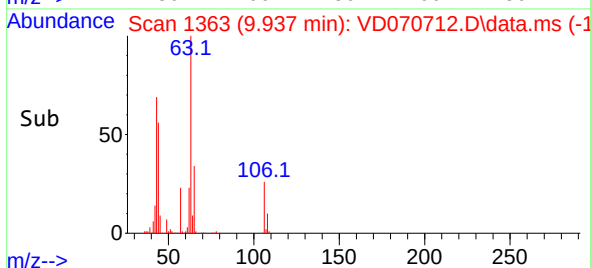
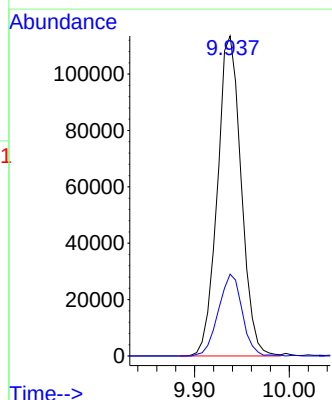
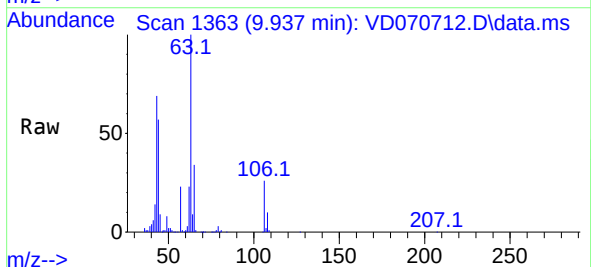
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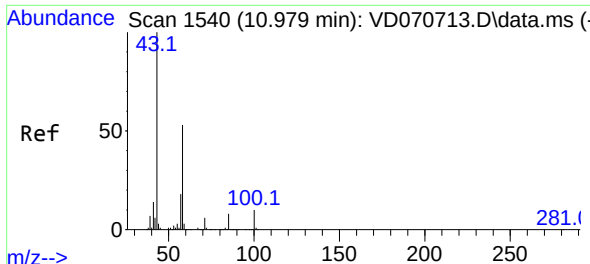
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#58
2-Chloroethyl Vinyl ether
Concen: 95.01 ug/l
RT: 9.937 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 63 Resp: 197993
Ion Ratio Lower Upper
63 100
106 25.6 22.3 33.5





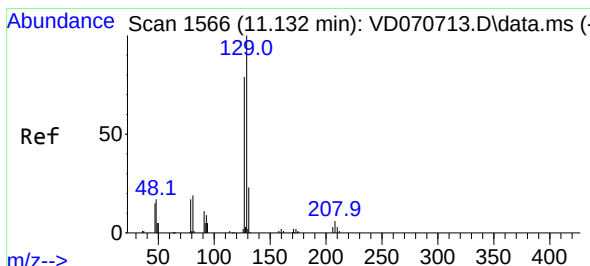
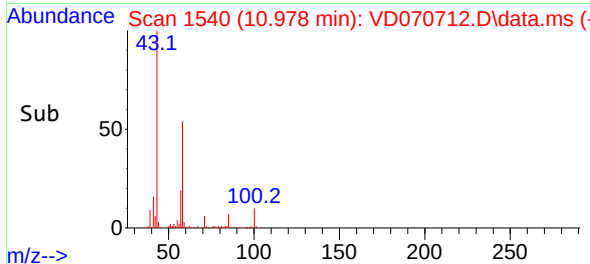
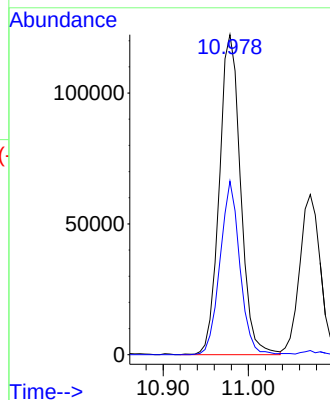
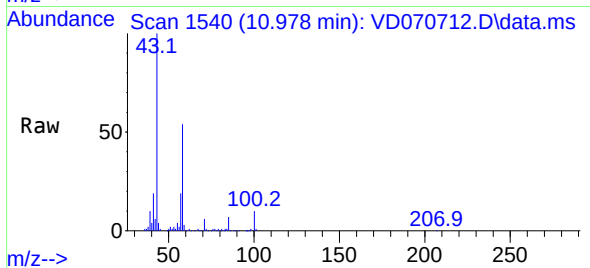
#59
2-Hexanone
Concen: 91.69 ug/l
RT: 10.978 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 43 Resp: 212526
Ion Ratio Lower Upper
43 100
58 50.6 30.4 91.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

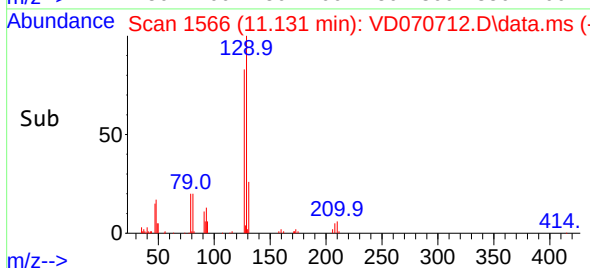
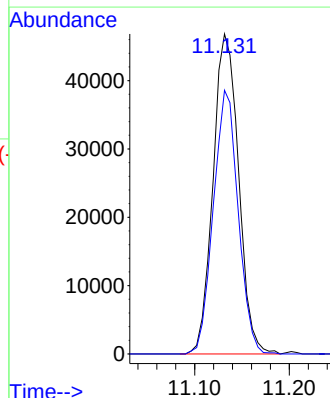
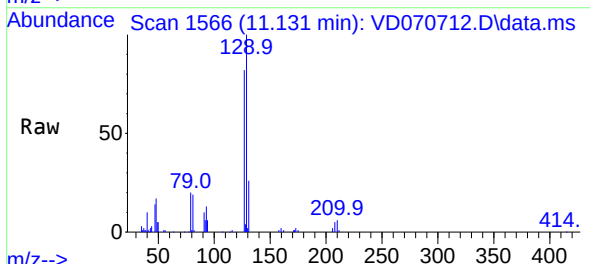
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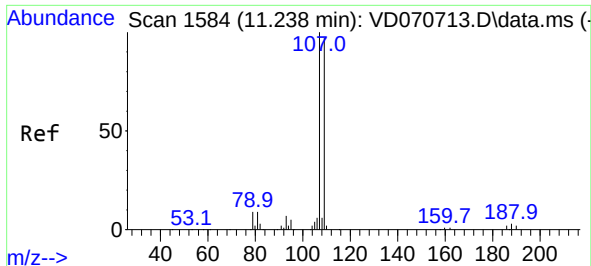
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#60
Dibromochloromethane
Concen: 19.32 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

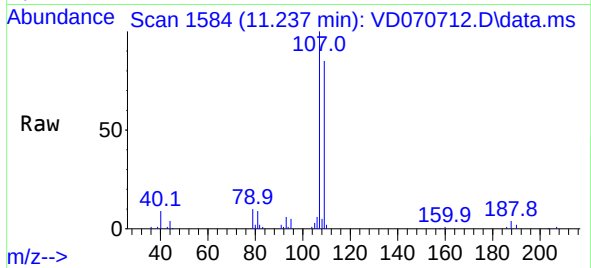
Tgt Ion:129 Resp: 87832
Ion Ratio Lower Upper
129 100
127 80.0 38.6 115.8



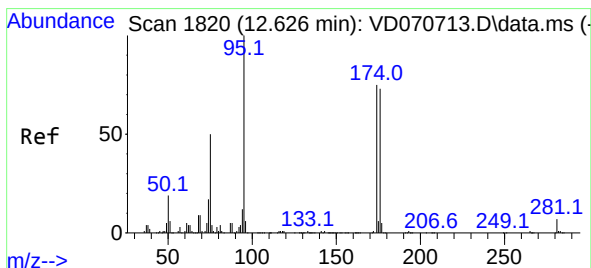
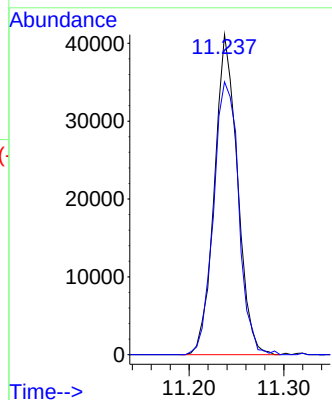
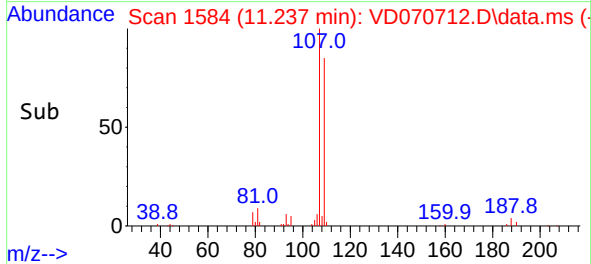


#61
1,2-Dibromoethane
Concen: 19.16 ug/l
RT: 11.237 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

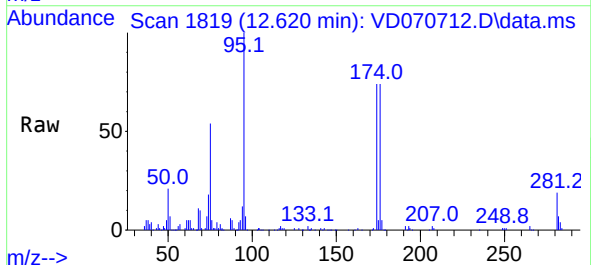
Instrument :
MSVOA_D
ClientSampleId :
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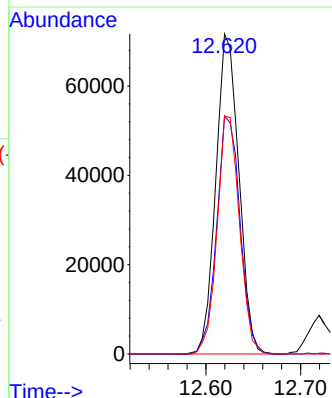
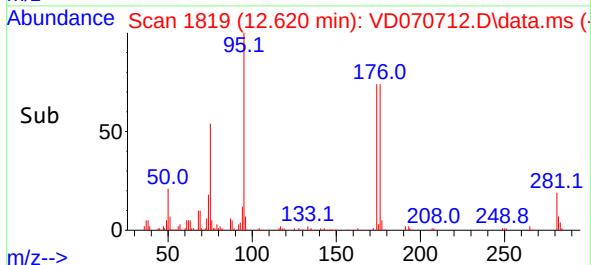
Tgt Ion:107 Resp: 69344
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6

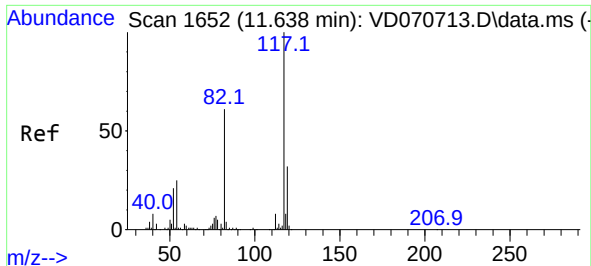


#62
4-Bromofluorobenzene
Concen: 20.18 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 95 Resp: 121015
Ion Ratio Lower Upper
95 100
174 75.6 0.0 138.0
176 72.2 0.0 135.6





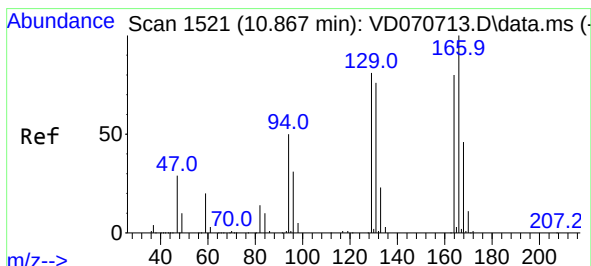
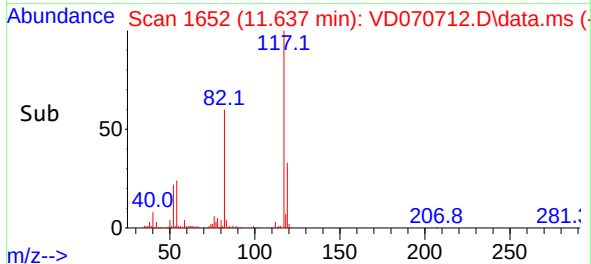
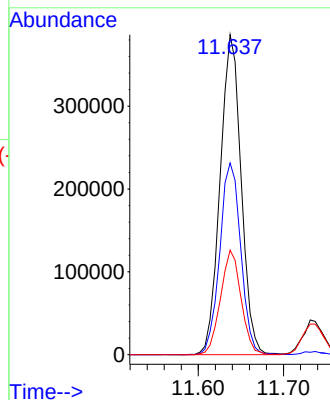
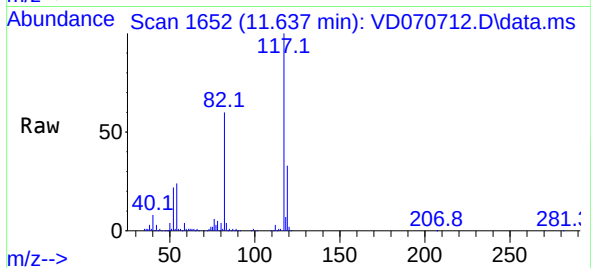
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion:117 Resp: 663292
Ion Ratio Lower Upper
117 100
82 59.9 45.4 68.2
119 32.6 24.7 37.1

Instrument :
MSVOA_D
ClientSampleId :
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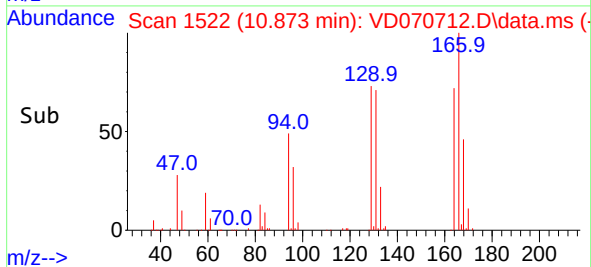
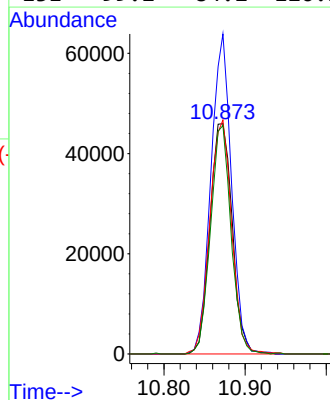
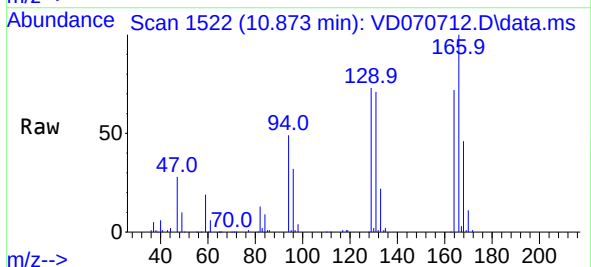
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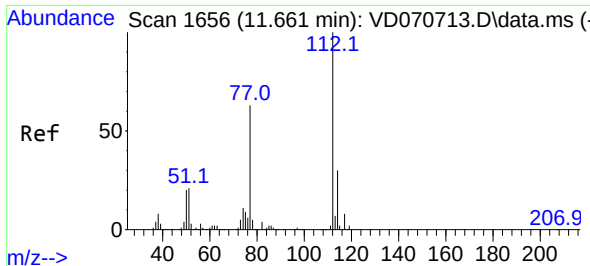
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#64
Tetrachloroethene
Concen: 19.65 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

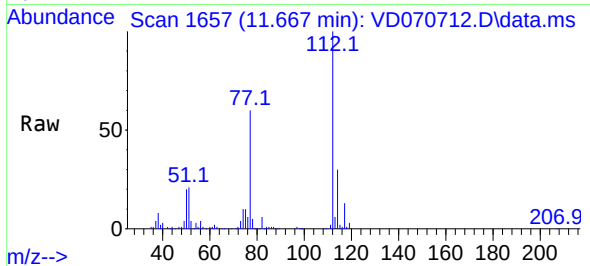
Tgt Ion:164 Resp: 87568
Ion Ratio Lower Upper
164 100
166 138.9 105.8 158.6
129 101.6 83.8 125.6
131 99.2 84.2 126.2





#65
Chlorobenzene
Concen: 20.16 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

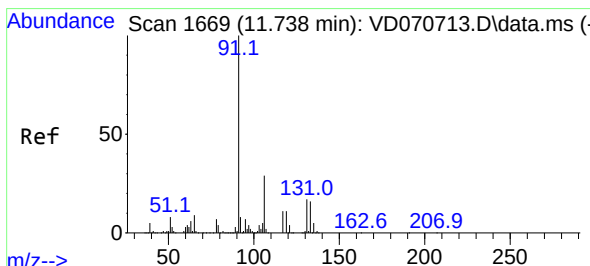
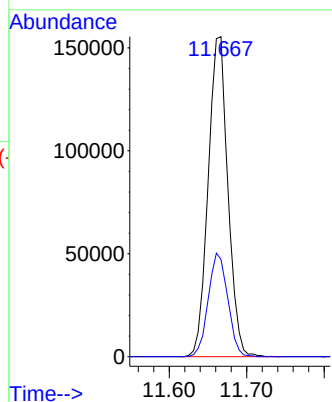
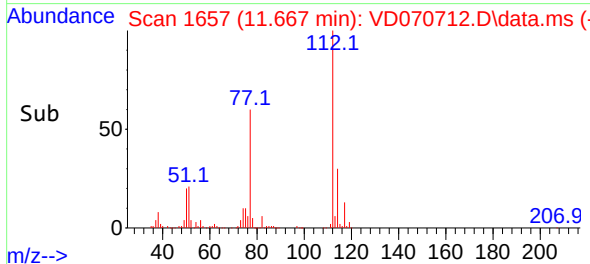
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



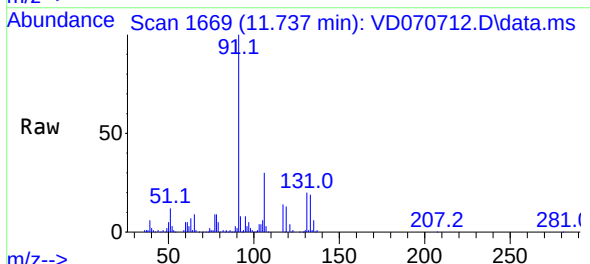
Tgt Ion:112 Resp: 274282
Ion Ratio Lower Upper
112 100
114 30.4 25.3 37.9

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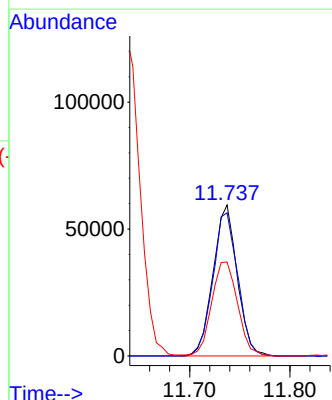
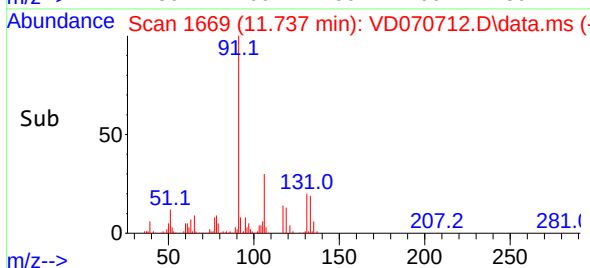
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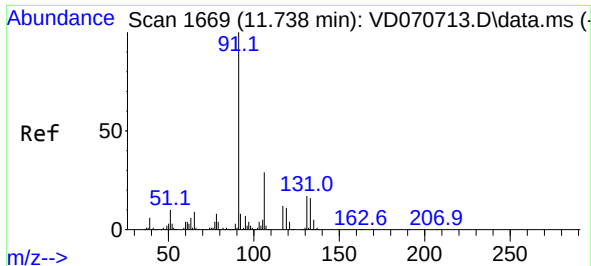


#66
1,1,1,2-Tetrachloroethane
Concen: 19.73 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion:131 Resp: 99289
Ion Ratio Lower Upper
131 100
133 98.1 46.8 140.3
119 67.0 32.6 97.7





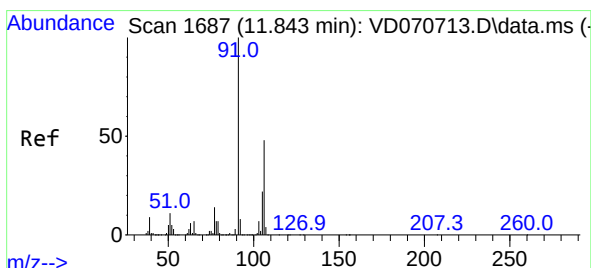
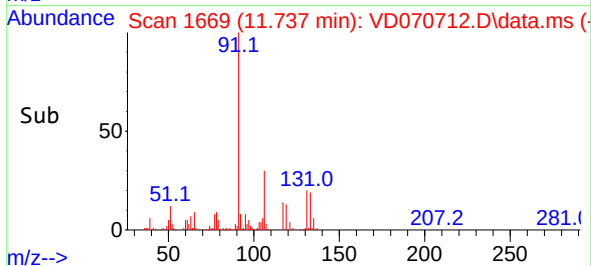
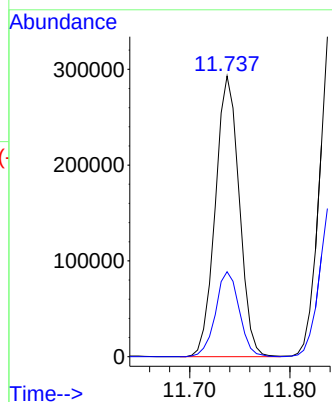
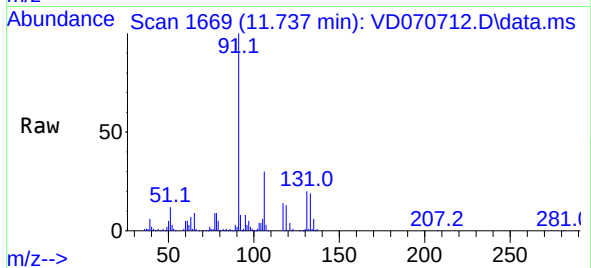
#67
Ethyl Benzene
Concen: 19.49 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 91 Resp: 484850
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

Instrument :
MSVOA_D
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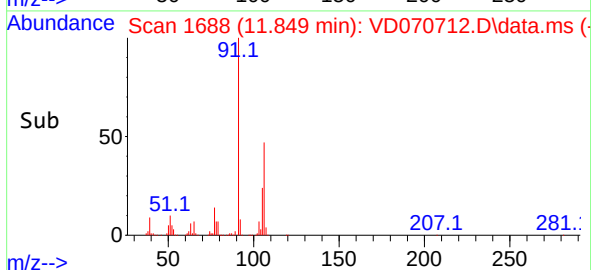
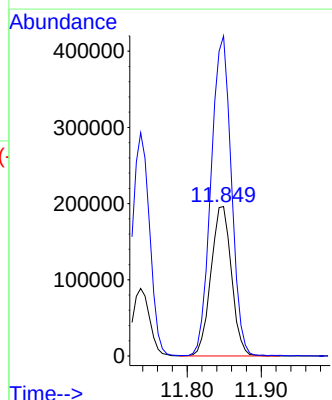
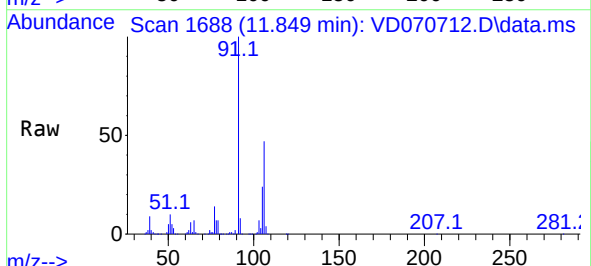
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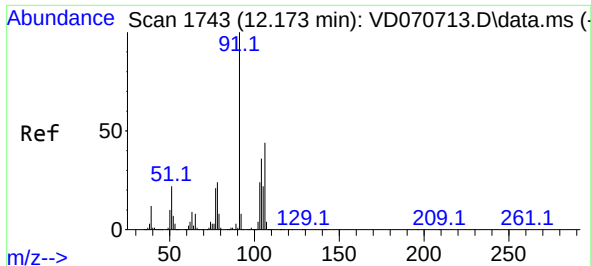
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#68
m/p-Xylenes
Concen: 40.03 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion:106 Resp: 377200
Ion Ratio Lower Upper
106 100
91 211.1 162.7 244.1





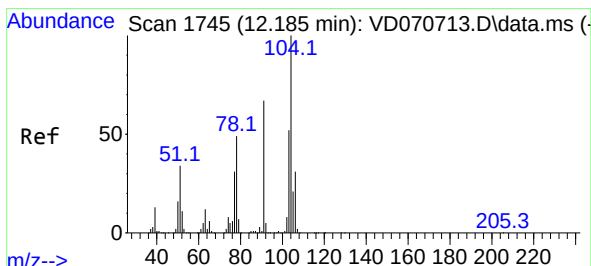
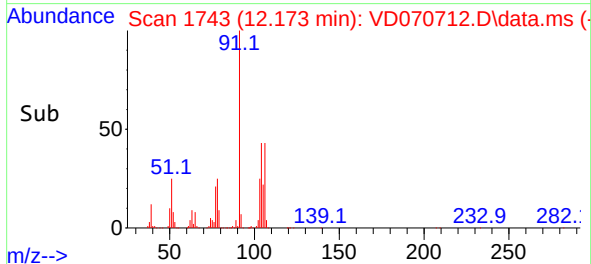
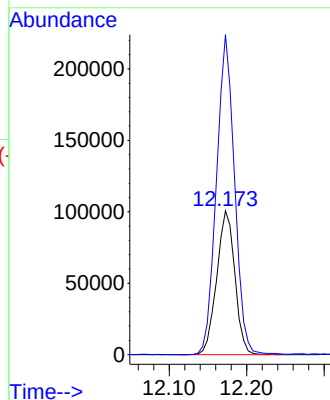
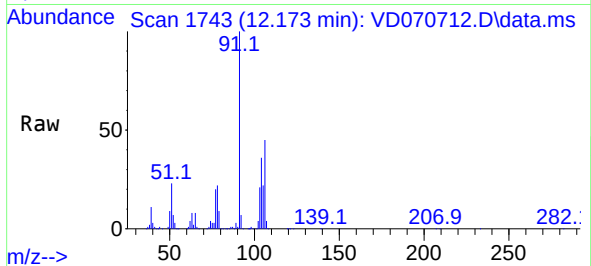
#69
o-Xylene
Concen: 19.23 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion:106 Resp: 164354
Ion Ratio Lower Upper
106 100
91 222.1 107.8 323.6

Instrument :
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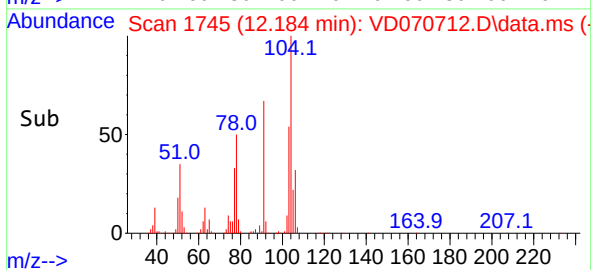
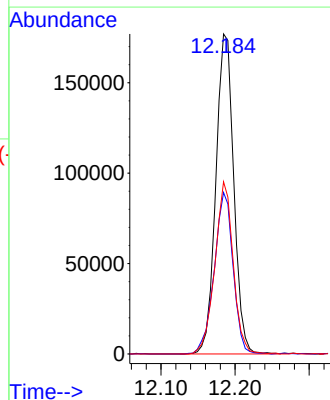
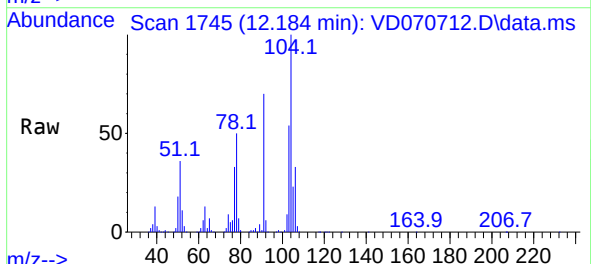
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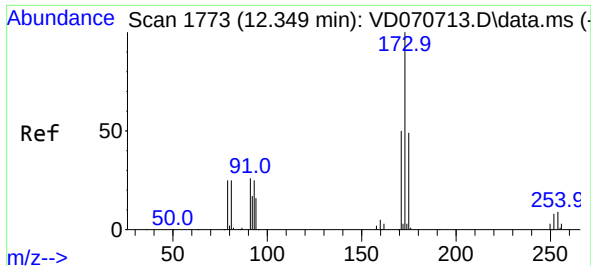
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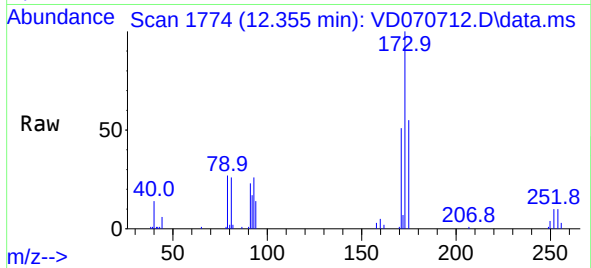
#70
Styrene
Concen: 20.03 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion:104 Resp: 297552
Ion Ratio Lower Upper
104 100
78 53.0 39.8 59.6
103 55.1 43.4 65.2

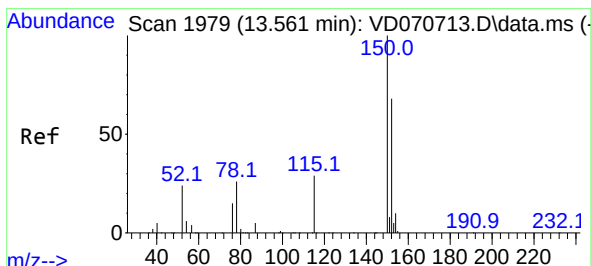
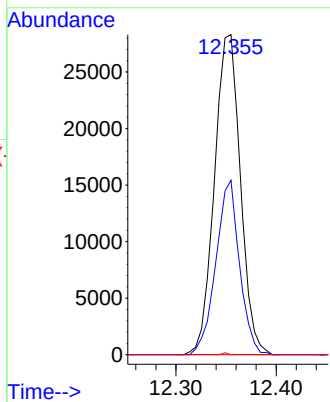
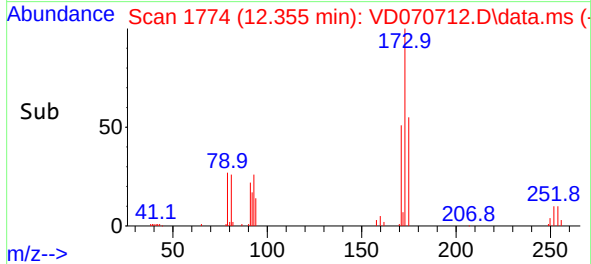




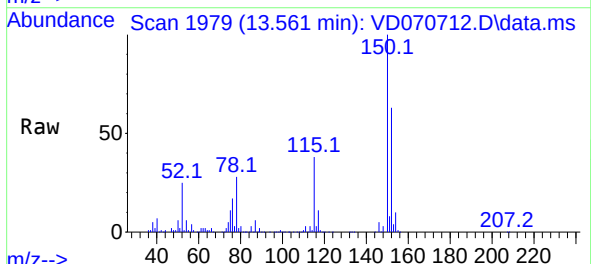
#71
Bromoform
Concen: 19.46 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



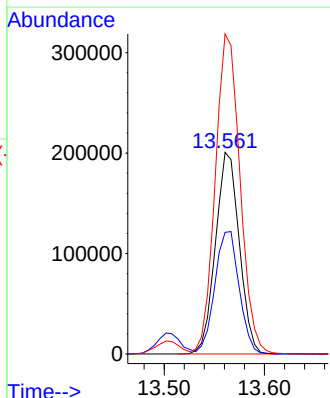
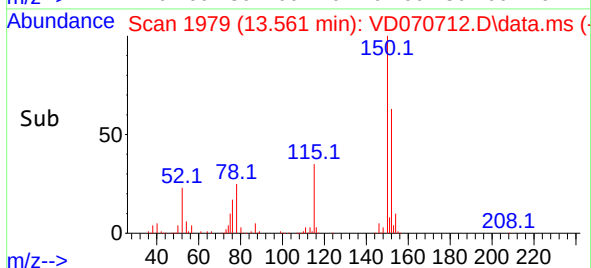
Tgt Ion:173 Resp: 50868
Ion Ratio Lower Upper
173 100
175 49.6 24.4 73.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



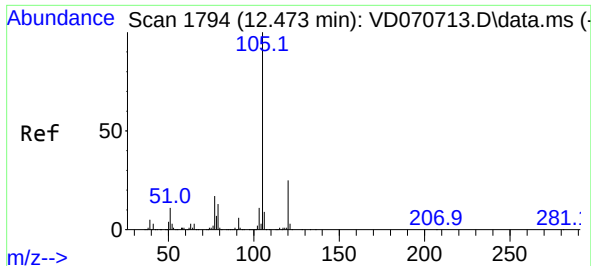
Tgt Ion:152 Resp: 330754
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.7
150 165.5 0.0 350.0



Instrument :
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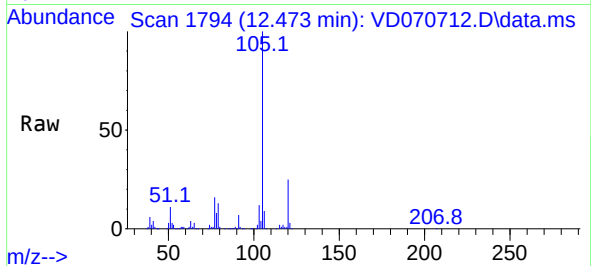
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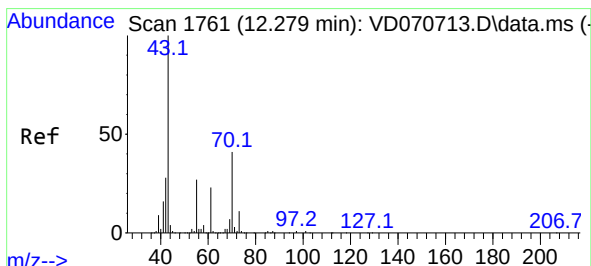
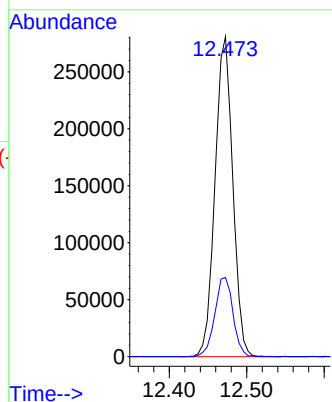
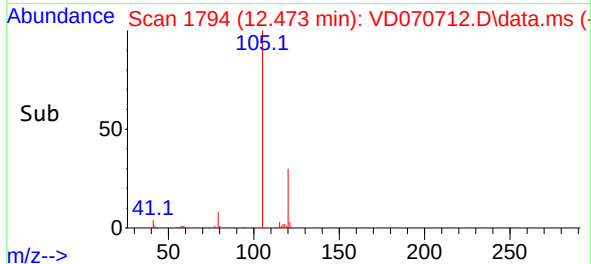


#73
Isopropylbenzene
Concen: 18.94 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

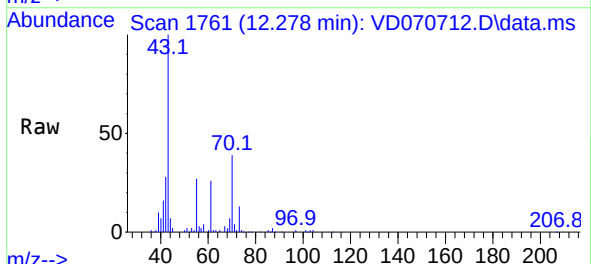
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



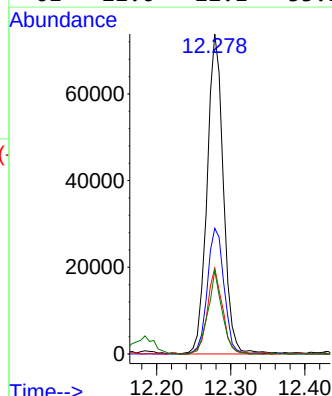
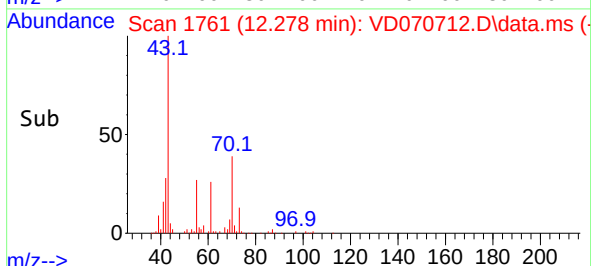
Tgt Ion:105 Resp: 446424
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

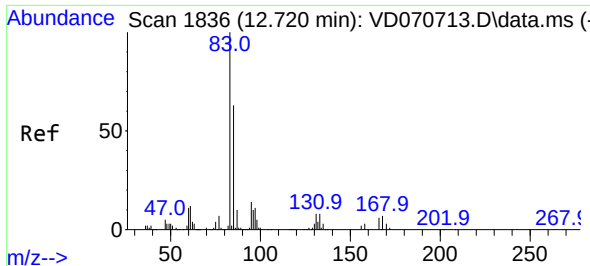


#74
N-ethyl acetate
Concen: 18.43 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

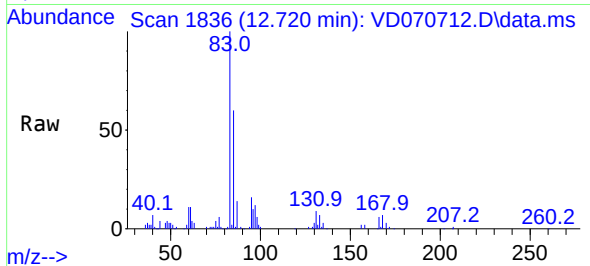


Tgt Ion: 43 Resp: 113071
Ion Ratio Lower Upper
43 100
70 40.0 40.0 60.0
55 24.9 23.8 35.6
61 22.6 22.1 33.1

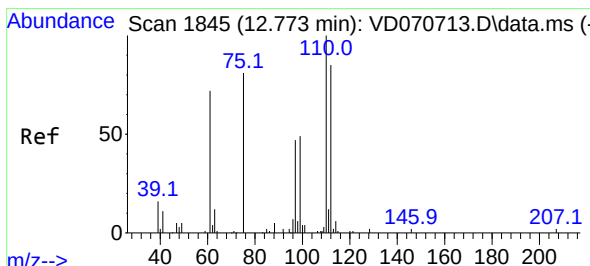
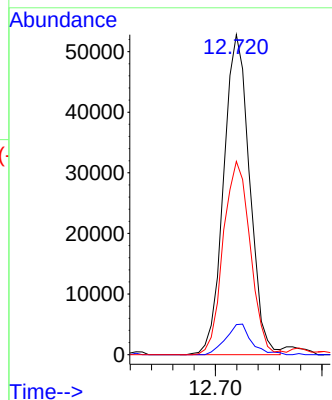
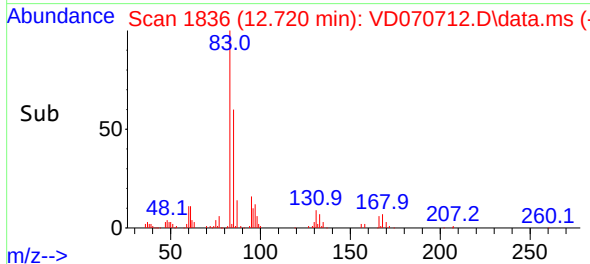




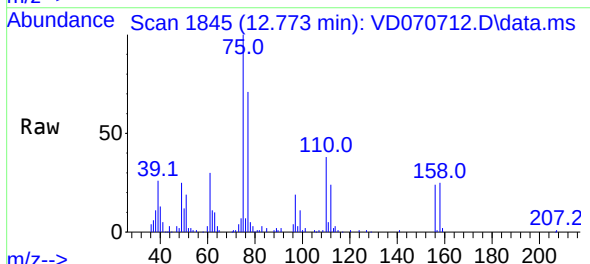
#75
1,1,2,2-Tetrachloroethane
Concen: 19.16 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



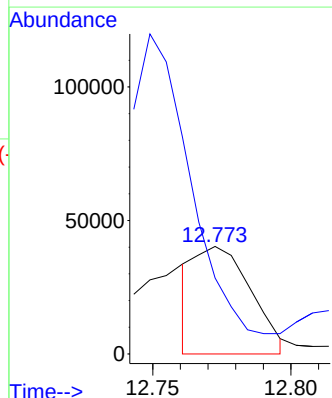
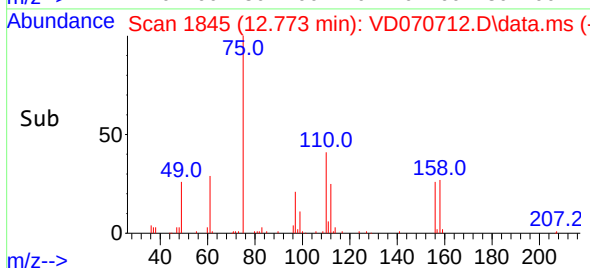
Tgt Ion: 83 Resp: 89302
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 63.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 22.64 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



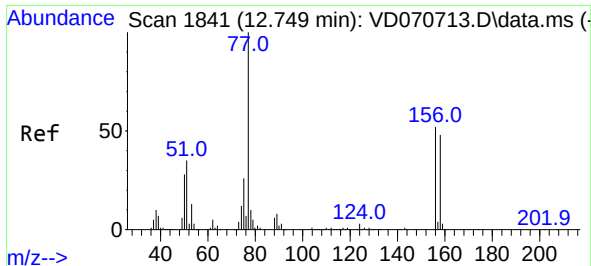
Tgt Ion: 75 Resp: 57044
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



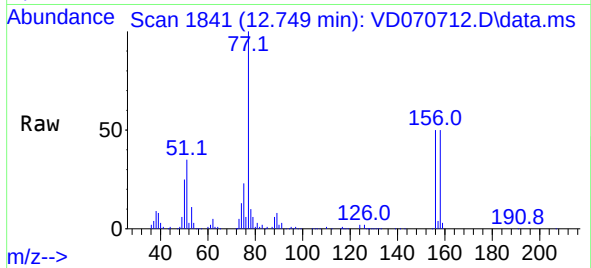
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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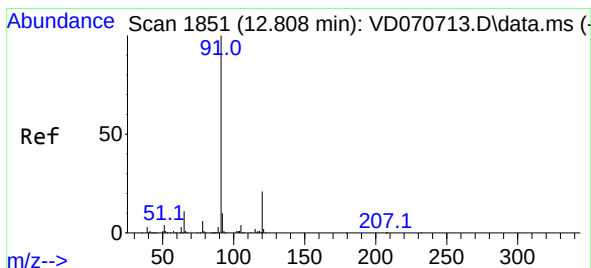
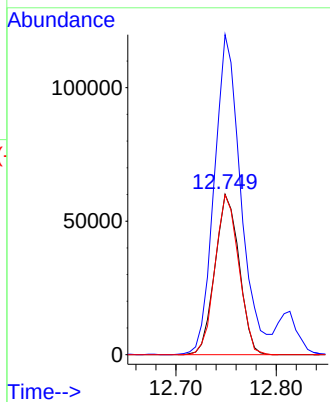
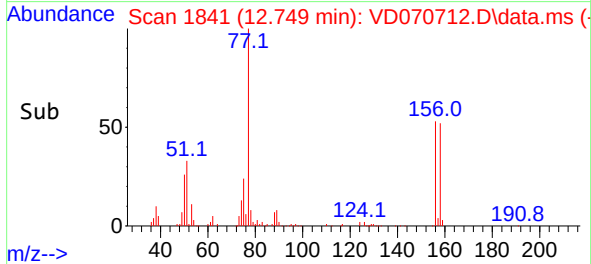
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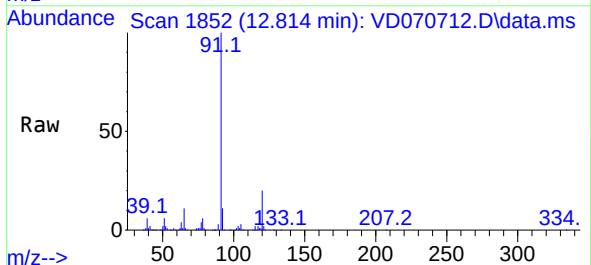
#77
Bromobenzene
Concen: 18.82 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



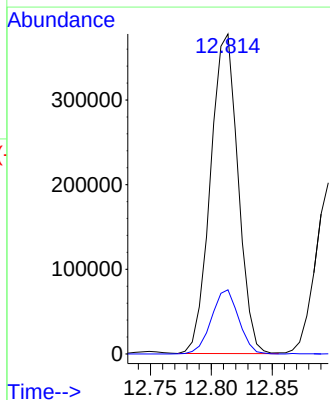
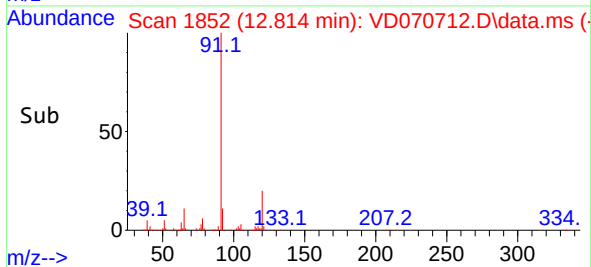
Tgt Ion:156 Resp: 100439
Ion Ratio Lower Upper
156 100
77 220.5 105.7 317.1
158 98.1 48.9 146.6



#78
n-propylbenzene
Concen: 19.41 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



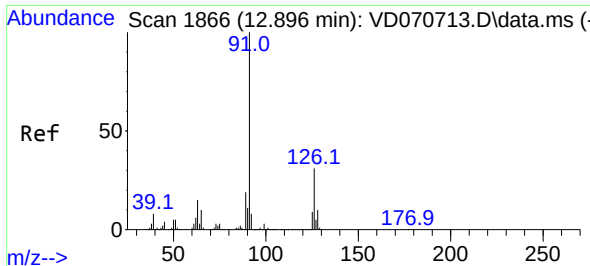
Tgt Ion: 91 Resp: 594443
Ion Ratio Lower Upper
91 100
120 19.9 10.9 32.6



Instrument :
MSVOA_D
ClientSampleId :
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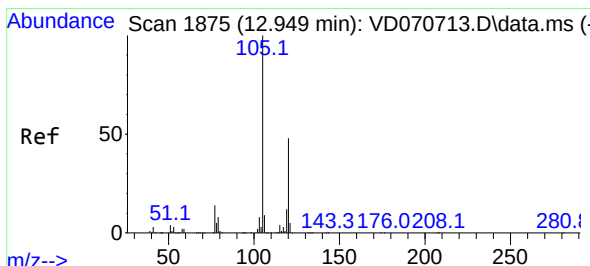
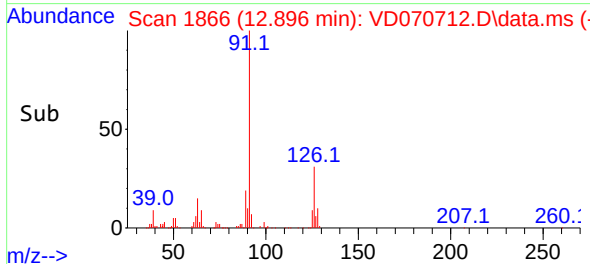
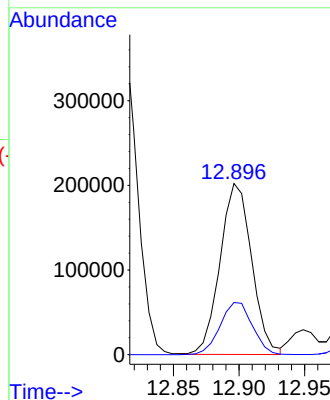
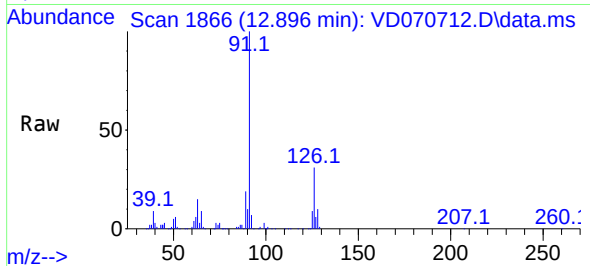
#79
2-Chlorotoluene
Concen: 19.15 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 91 Resp: 339065
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6

Instrument :
MSVOA_D
ClientSampleId :
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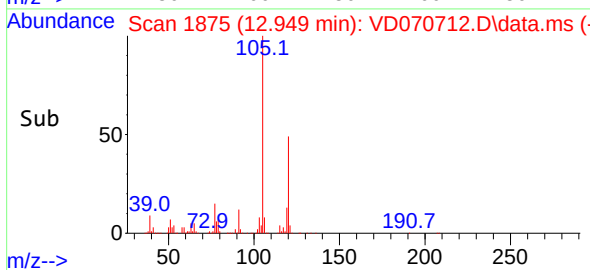
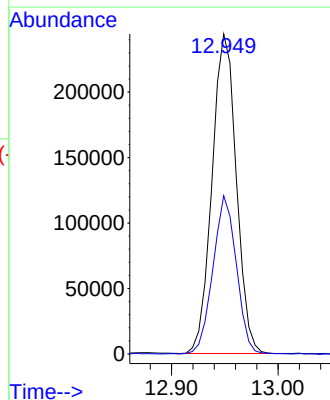
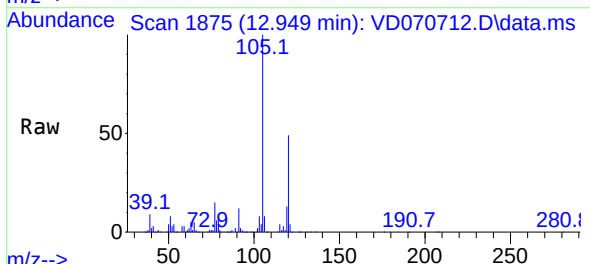
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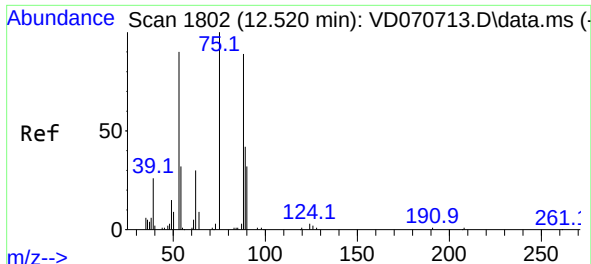
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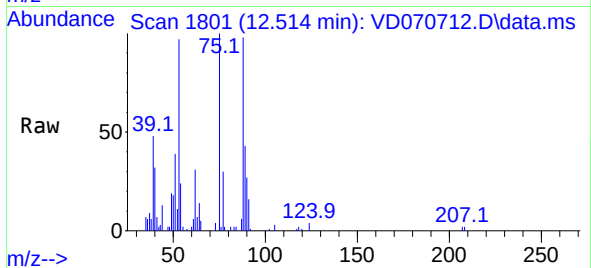
#80
1,3,5-Trimethylbenzene
Concen: 19.40 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion: 105 Resp: 386500
Ion Ratio Lower Upper
105 100
120 47.8 24.4 73.2

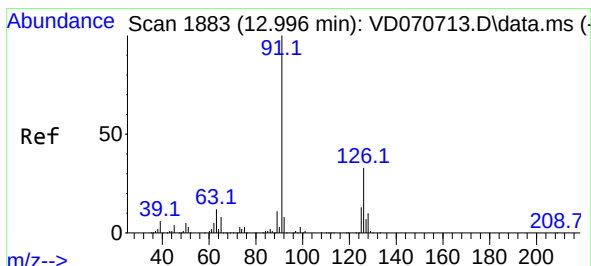
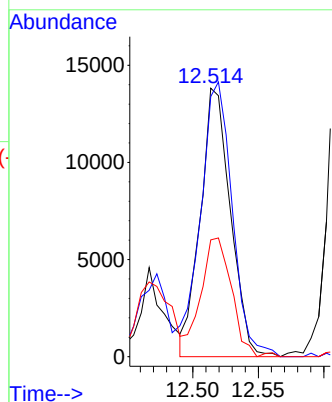
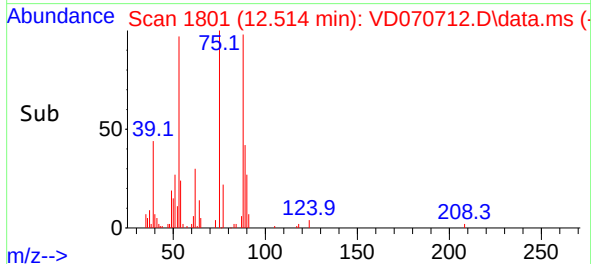




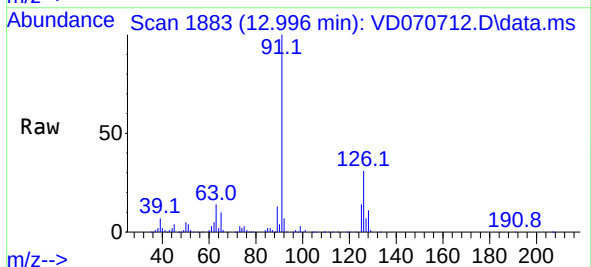
#81
trans-1,4-Dichloro-2-butene
Concen: 16.95 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



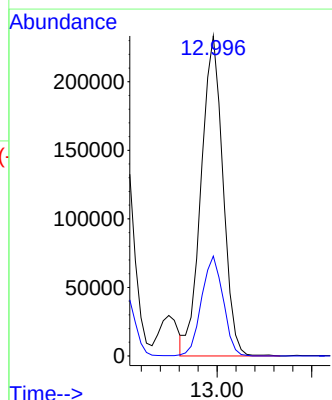
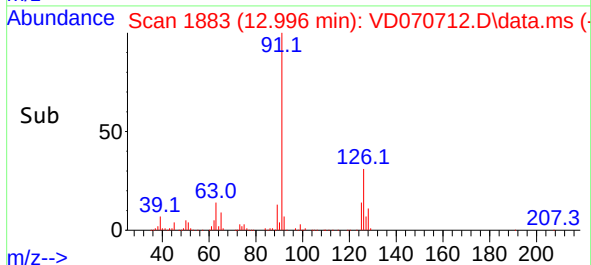
Tgt Ion: 75 Resp: 22119
Ion Ratio Lower Upper
75 100
53 109.0 64.5 96.7#
89 45.4 35.3 52.9



#82
4-Chlorotoluene
Concen: 19.90 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



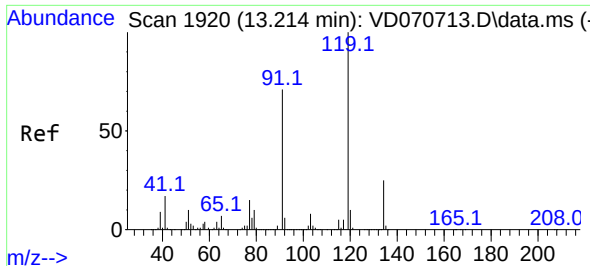
Tgt Ion: 91 Resp: 372694
Ion Ratio Lower Upper
91 100
126 30.9 16.2 48.6



Instrument :
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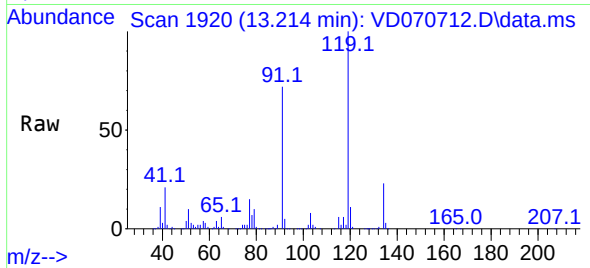
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#83
tert-Butylbenzene
Concen: 18.65 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

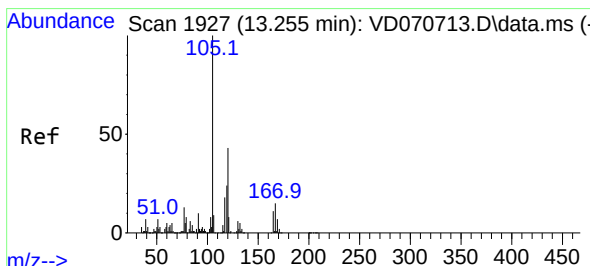
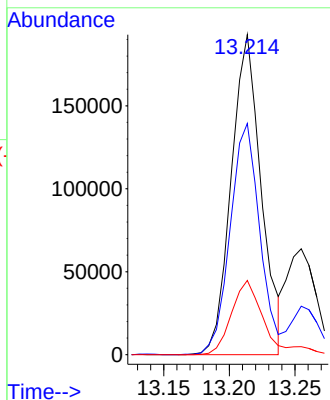
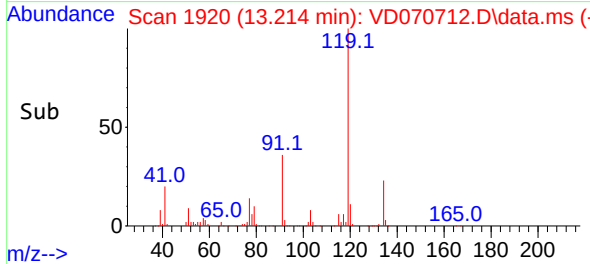
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



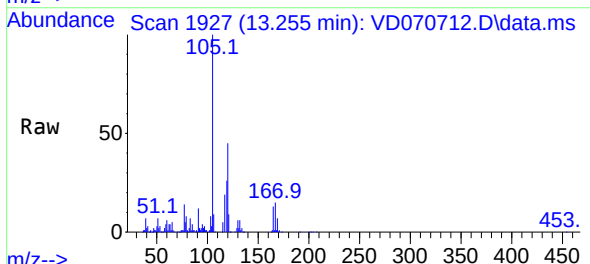
Tgt Ion:119 Resp: 307046
Ion Ratio Lower Upper
119 100
91 71.2 33.1 99.3
134 25.3 13.2 39.5

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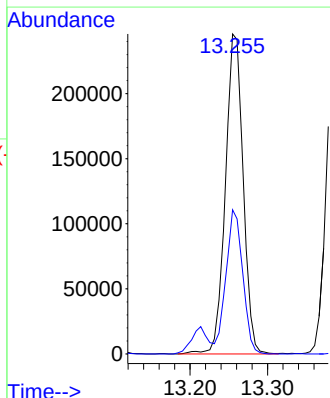
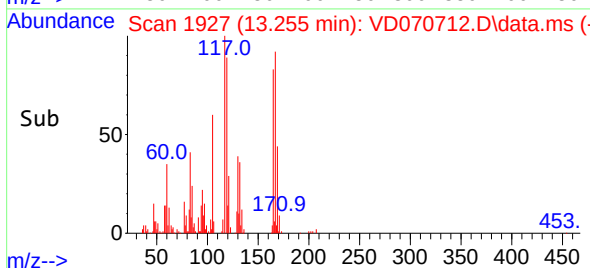
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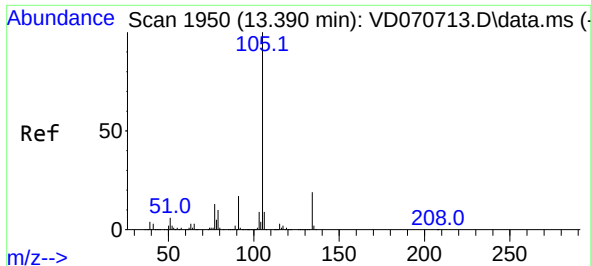


#84
1,2,4-Trimethylbenzene
Concen: 19.78 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion:105 Resp: 391819
Ion Ratio Lower Upper
105 100
120 42.5 21.9 65.8





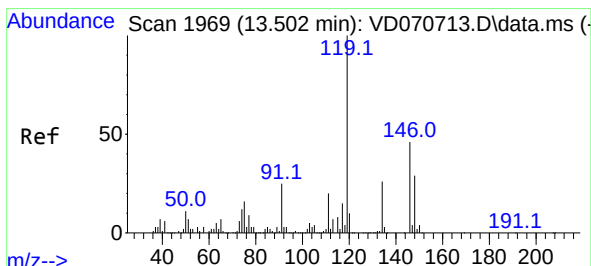
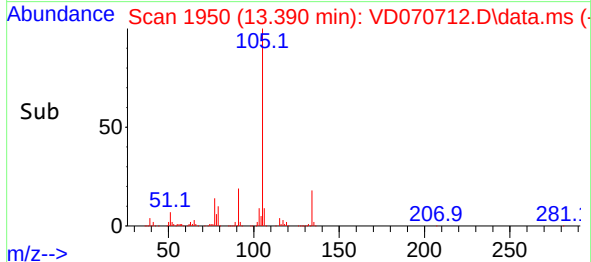
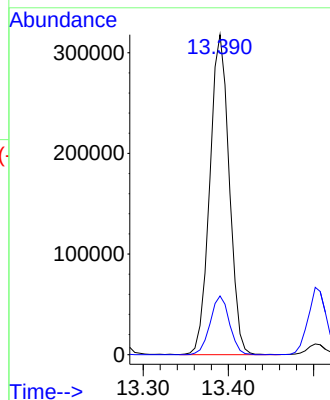
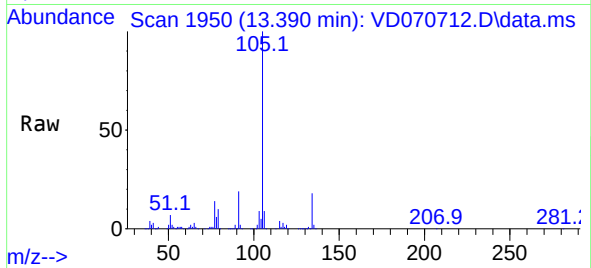
#85
sec-Butylbenzene
Concen: 19.48 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Tgt Ion:105 Resp: 504143
Ion Ratio Lower Upper
105 100
134 18.2 9.3 28.0

Instrument :
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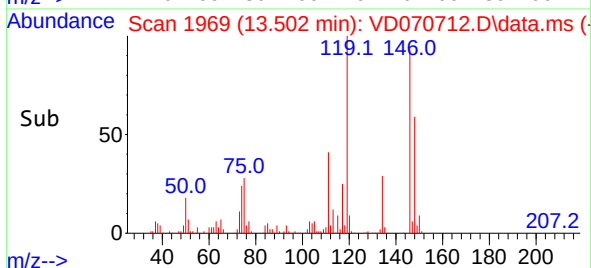
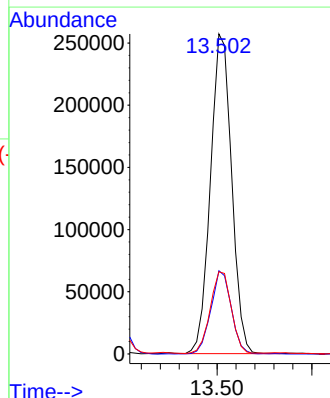
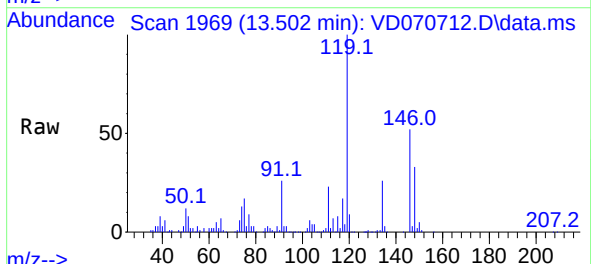
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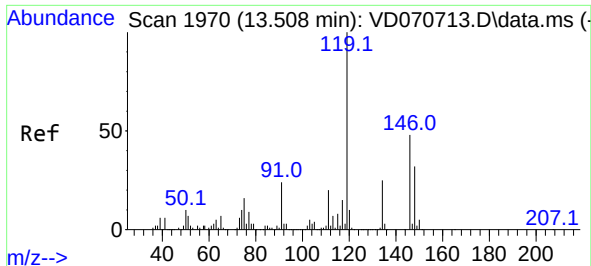
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#86
p-Isopropyltoluene
Concen: 19.13 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

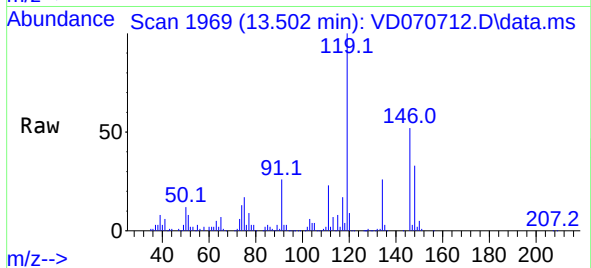
Tgt Ion:119 Resp: 397982
Ion Ratio Lower Upper
119 100
134 25.1 12.5 37.5
91 25.4 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 19.71 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

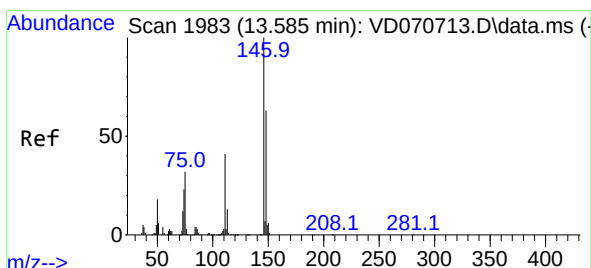
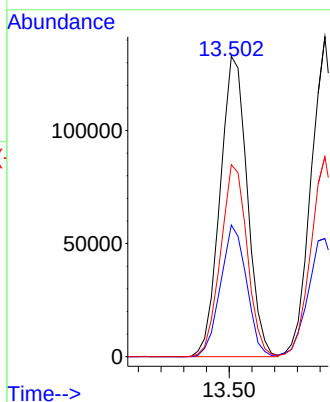
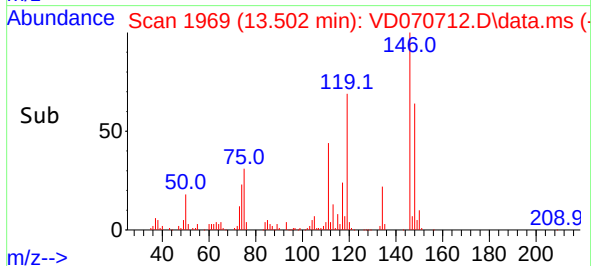
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



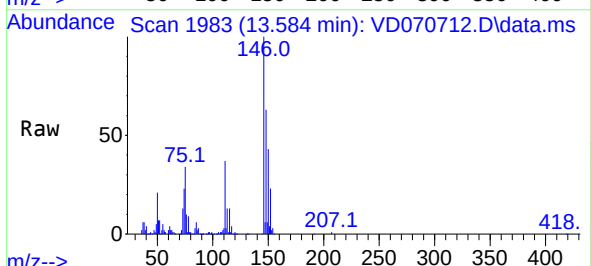
Tgt Ion:146 Resp: 220883
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 62.5 31.8 95.3

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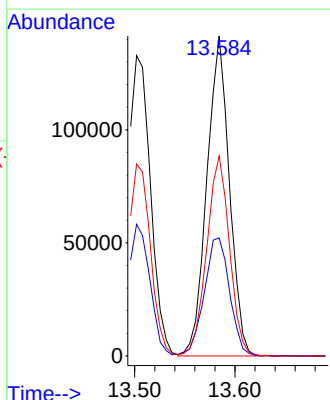
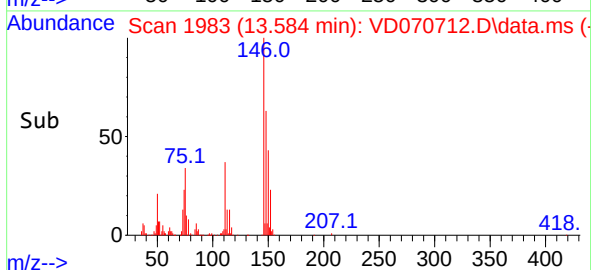
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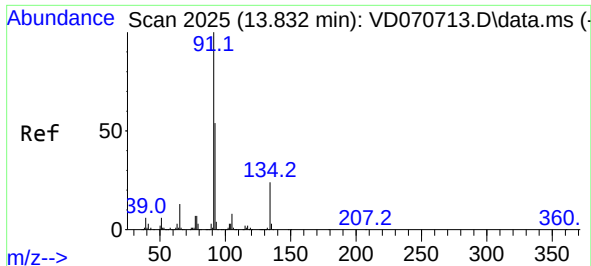


#88
1,4-Dichlorobenzene
Concen: 19.97 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



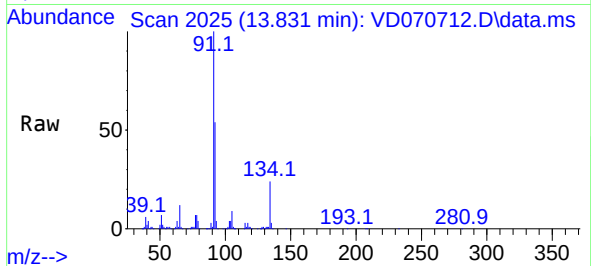
Tgt Ion:146 Resp: 220942
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.4
148 63.2 31.6 94.8





#89
n-Butylbenzene
Concen: 18.83 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

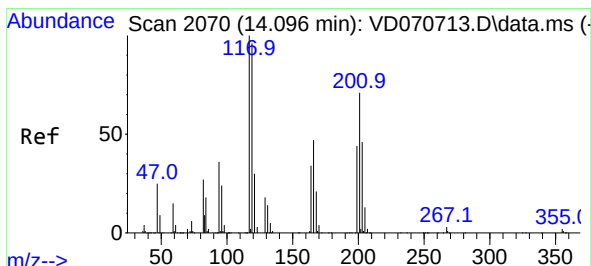
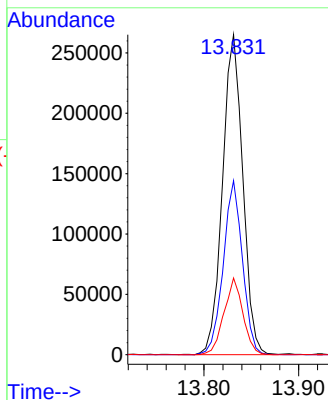
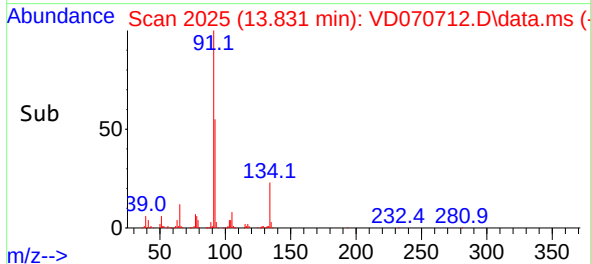
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



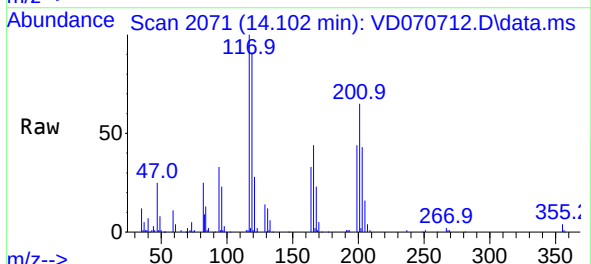
Tgt Ion: 91 Resp: 395274
Ion Ratio Lower Upper
91 100
92 51.4 26.8 80.4
134 22.4 12.2 36.4

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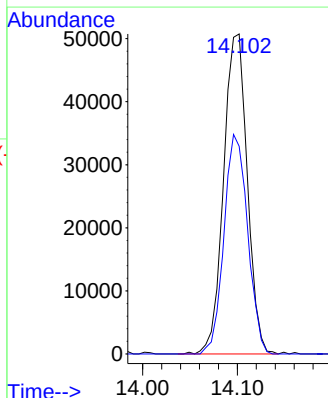
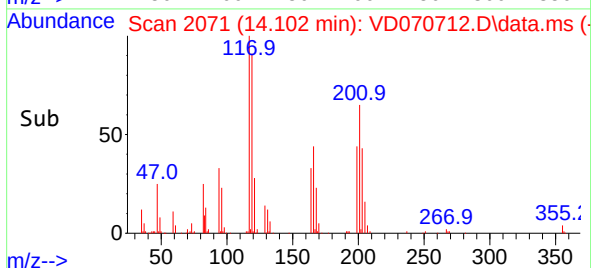
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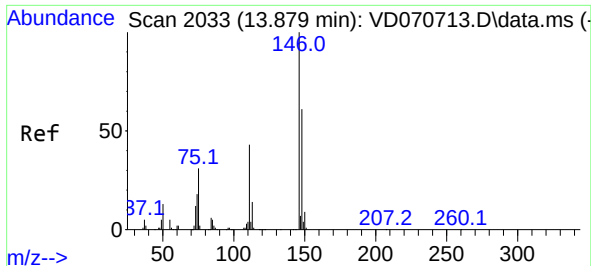


#90
Hexachloroethane
Concen: 19.66 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

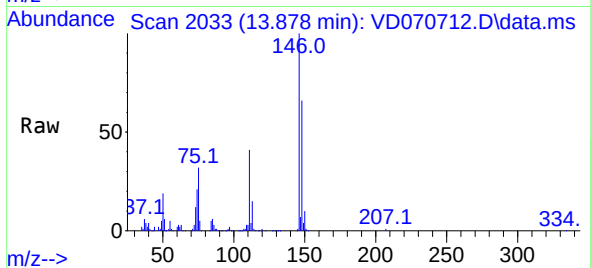


Tgt Ion: 117 Resp: 88238
Ion Ratio Lower Upper
117 100
201 68.5 31.9 95.9

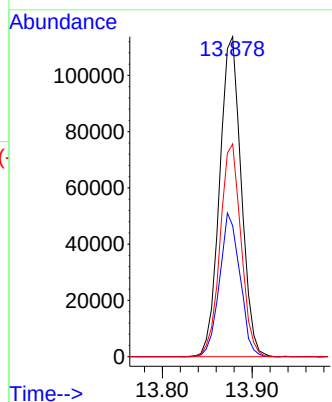
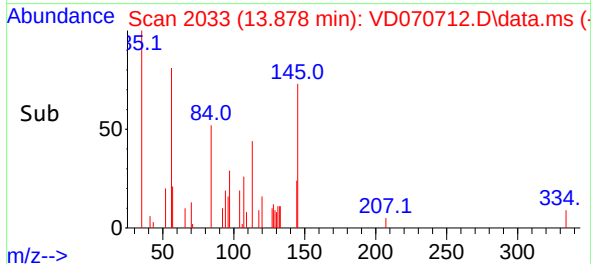




#91
1,2-Dichlorobenzene
Concen: 19.80 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



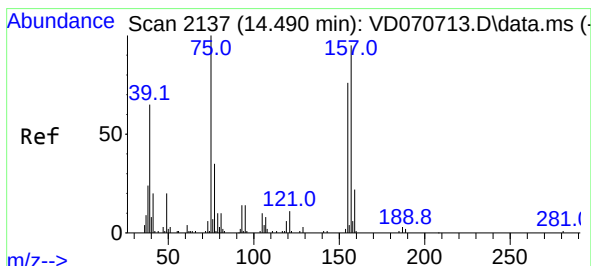
Tgt Ion:146 Resp: 189628
Ion Ratio Lower Upper
146 100
111 42.6 22.8 68.4
148 64.7 32.4 97.0



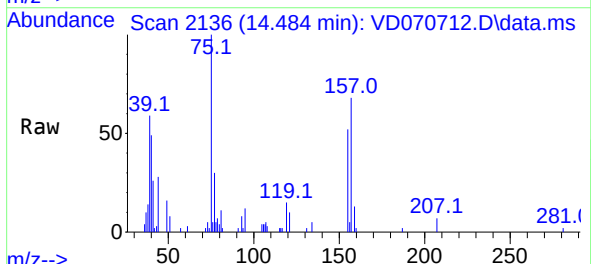
Instrument :
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ClientSampleId :
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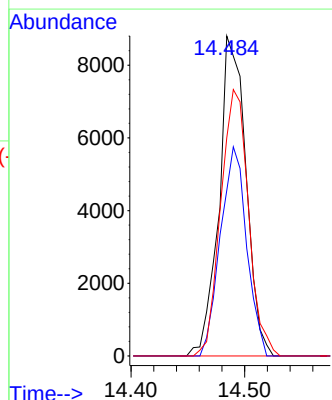
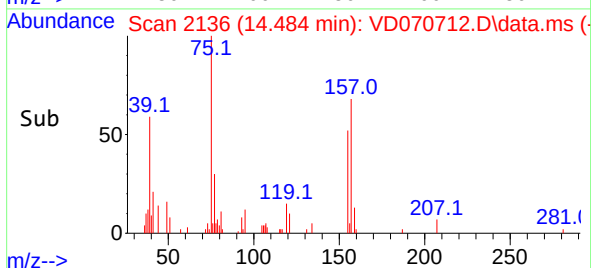
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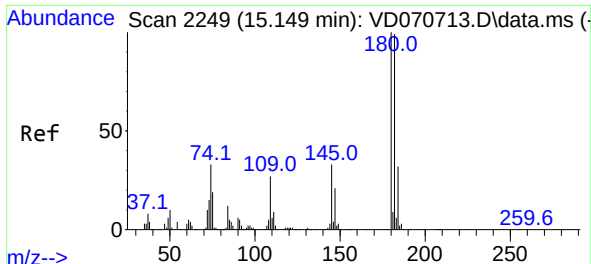


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.48 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion: 75 Resp: 14487
Ion Ratio Lower Upper
75 100
155 63.7 38.1 114.5
157 85.7 47.6 142.9





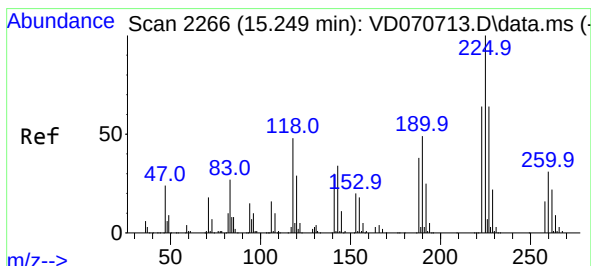
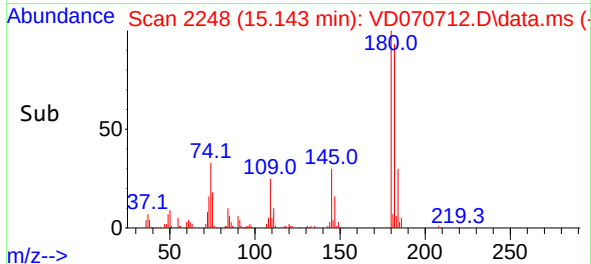
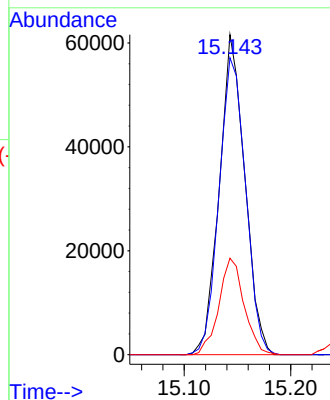
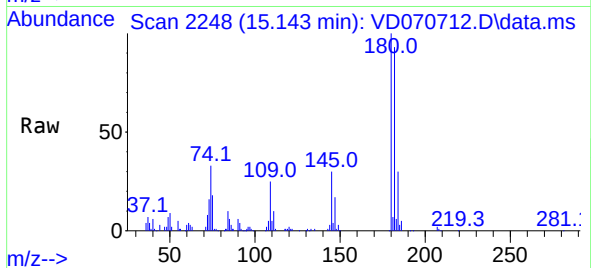
#93
1,2,4-Trichlorobenzene
Concen: 18.66 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 102199
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 29.9 16.9 50.7

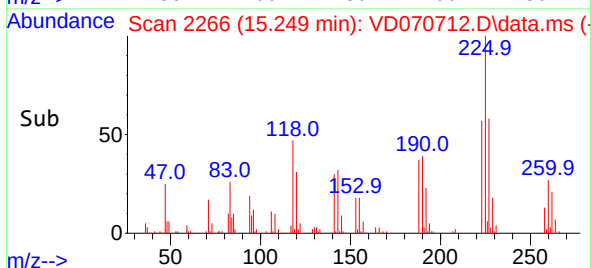
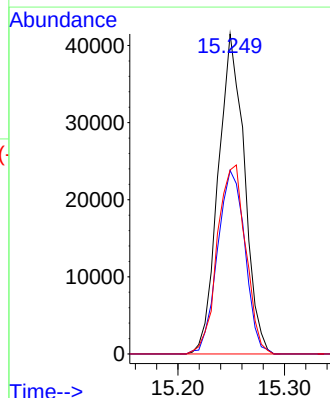
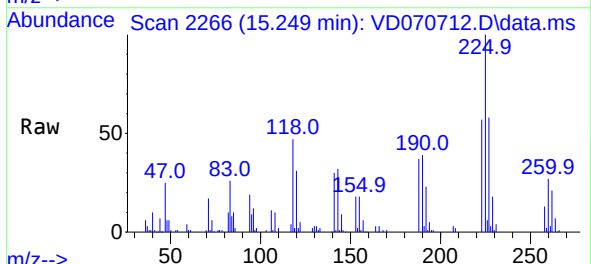
Manual Integrations
APPROVED

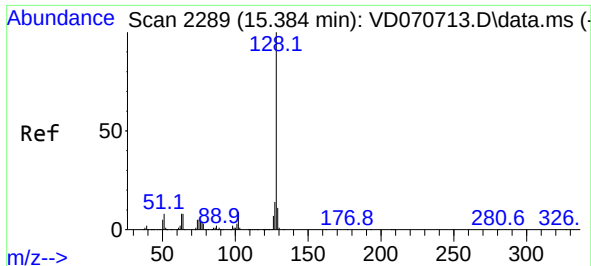
MMDadoda
10/18/2021 5:51:04 PM



#94
Hexachlorobutadiene
Concen: 19.70 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

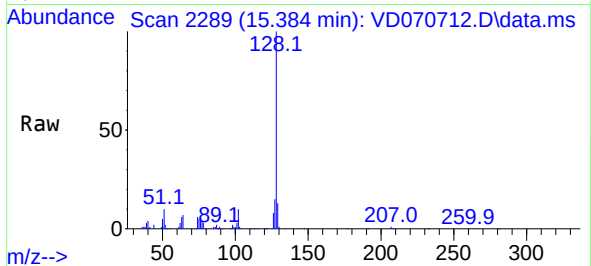
Tgt Ion:225 Resp: 70747
Ion Ratio Lower Upper
225 100
223 60.1 31.2 93.6
227 63.9 32.2 96.6





#95
Naphthalene
Concen: 17.20 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

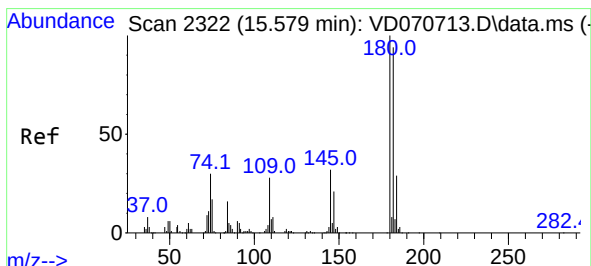
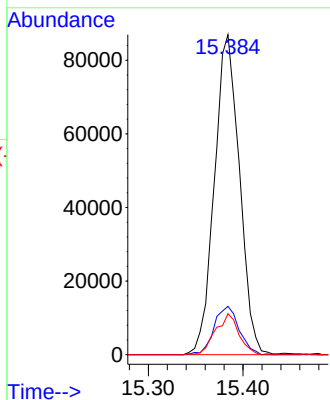
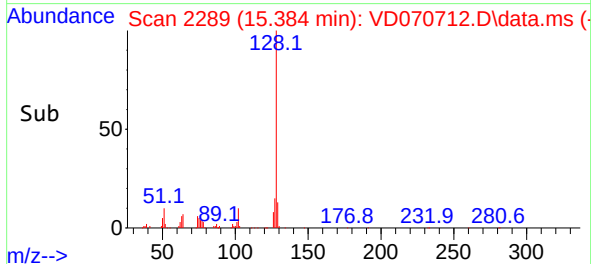


Tgt Ion:128 Resp: 159966

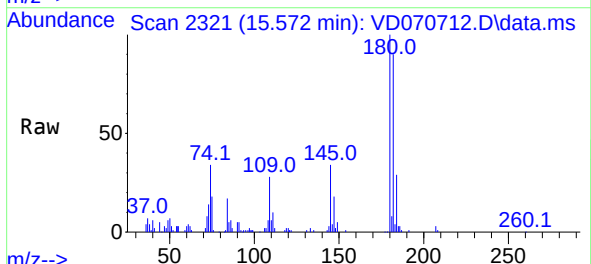
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.9	16.3
129	11.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:51:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.15 ug/l
RT: 15.572 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD070712.D
Acq: 15 Oct 2021 11:42



Tgt Ion:180 Resp: 88323

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.2	138.5
145	32.9	17.1	51.3

