

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070772.D
 Acq On : 20 Oct 2021 13:29
 Operator : VA/SY
 Sample : M4287-05
 Misc : 5.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EXC-SOIL-B

Quant Time: Oct 21 05:37:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

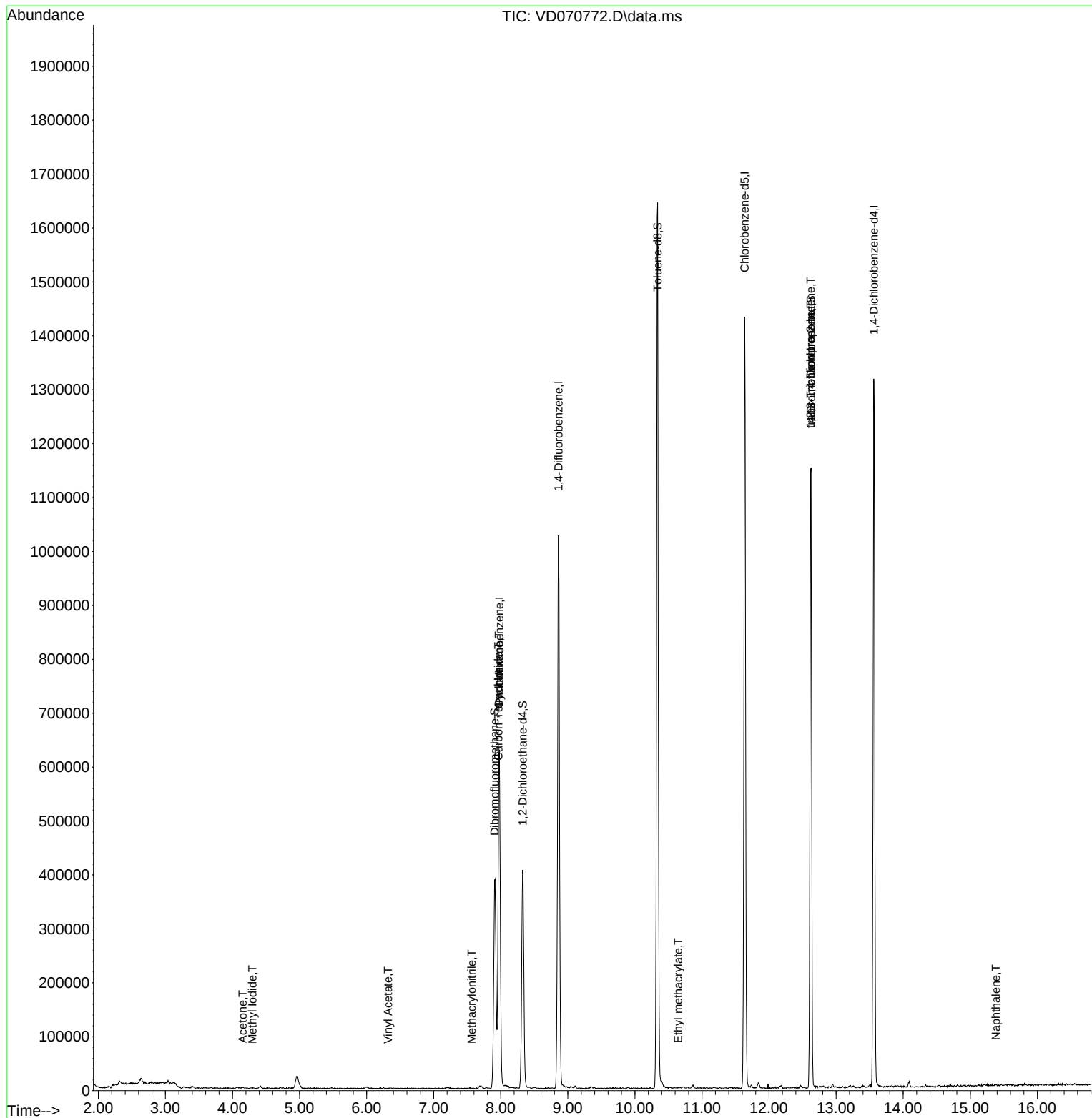
Internal Standards						
1) Pentafluorobenzene	7.979	168	445348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	828819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	792365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	324851	61.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.180%
35) Dibromofluoromethane	7.908	113	281852	53.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.220%
50) Toluene-d8	10.338	98	1079543	53.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.626	95	355595	50.764	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.520%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.297	142	1047	3.496	ug/l #	51
16) Acetone	4.150	43	2214	1.740	ug/l	91
20) Methylene Chloride	4.956	84	17276	Below Cal	#	87
23) Vinyl Acetate	6.320	43	63	16.335	ug/l #	69
31) Cyclohexane	7.973	56	13456	1.261	ug/l #	12
38) Carbon Tetrachloride	7.967	117	45597	5.156	ug/l #	16
41) Methacrylonitrile	7.567	41	195	2.021	ug/l #	16
56) Ethyl methacrylate	10.644	69	59	4.164	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	177301	61.306	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	177301	134.279	ug/l #	17
95) Naphthalene	15.384	128	783	4.858	ug/l #	81

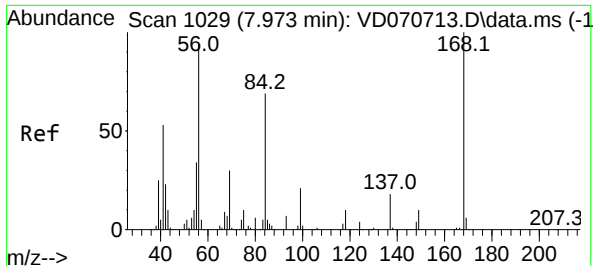
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 21 05:37:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

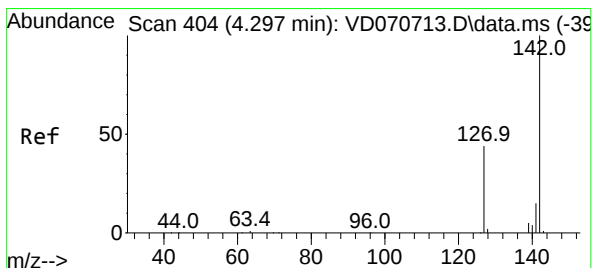
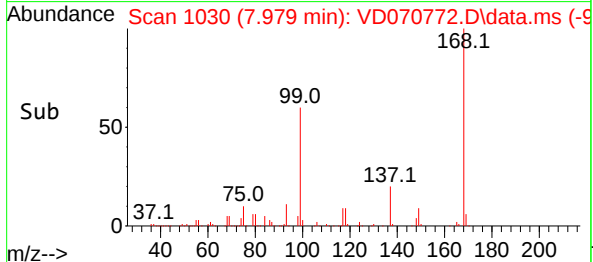
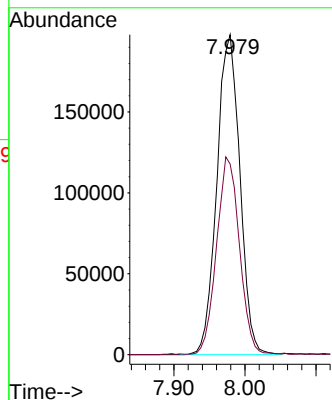
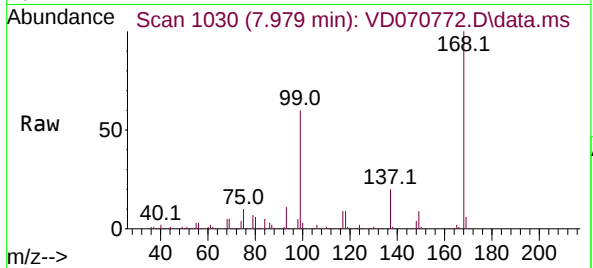




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

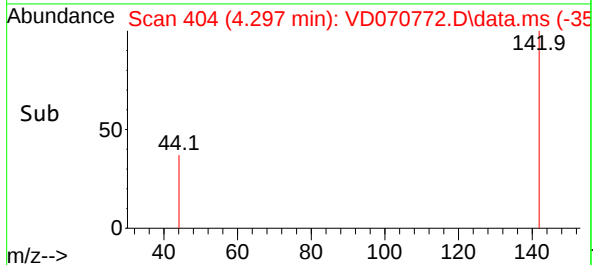
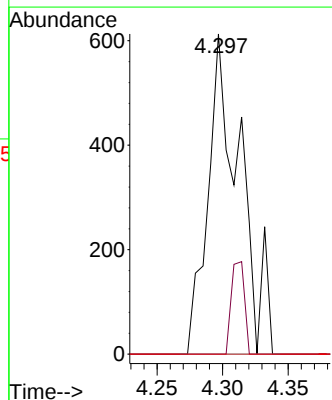
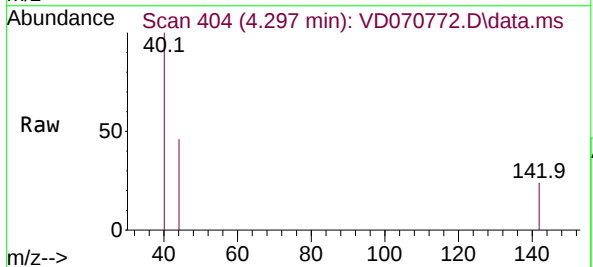
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MSVOA_D
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EXC-SOIL-B

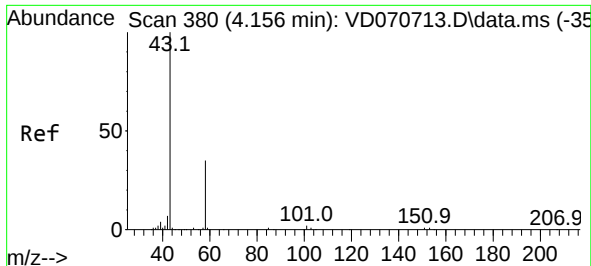
Tgt Ion:168 Resp: 445348
Ion Ratio Lower Upper
168 100
99 59.3 51.4 77.0



#10
Methyl Iodide
Concen: 3.496 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Tgt Ion:142 Resp: 1047
Ion Ratio Lower Upper
142 100
127 11.7 37.5 56.3#
141 0.0 12.1 18.1#

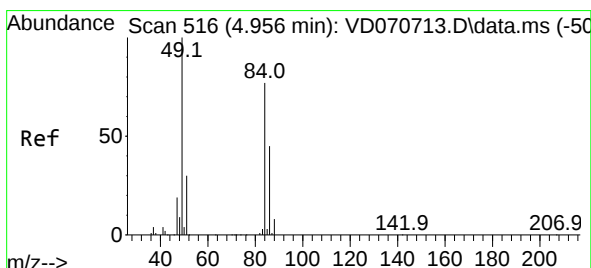
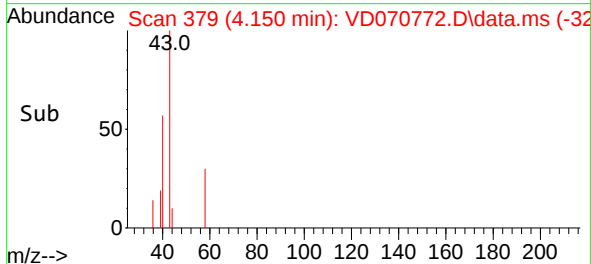
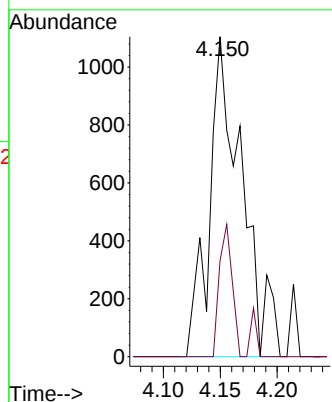
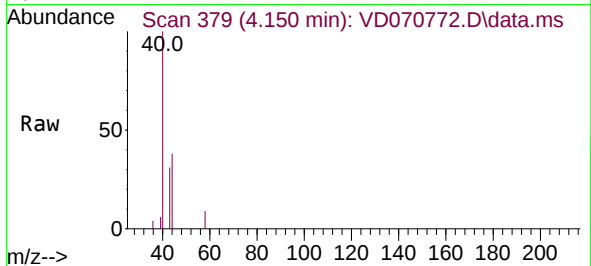




#16
Acetone
Concen: 1.740 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

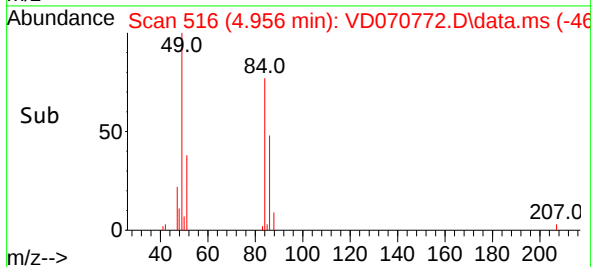
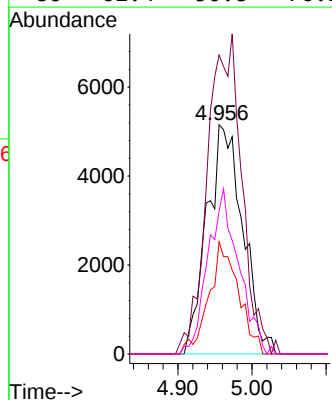
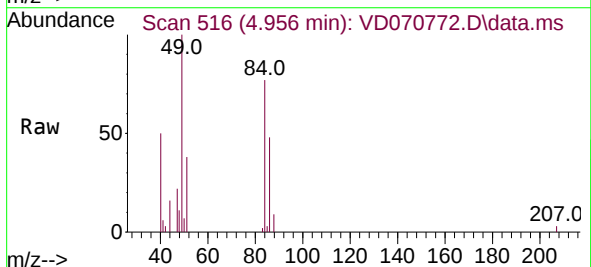
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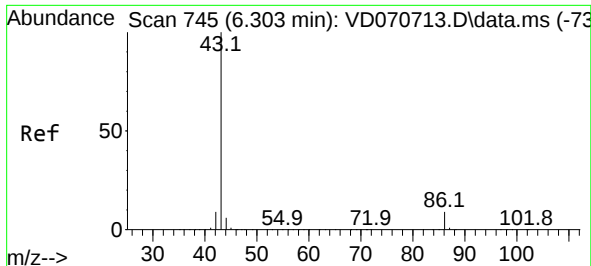
Tgt Ion: 43 Resp: 2214
Ion Ratio Lower Upper
43 100
58 30.0 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Tgt Ion: 84 Resp: 17276
Ion Ratio Lower Upper
84 100
49 130.5 91.4 137.2
51 48.9 26.7 40.1#
86 62.4 50.8 76.2

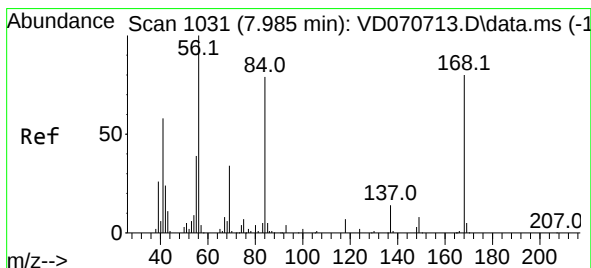
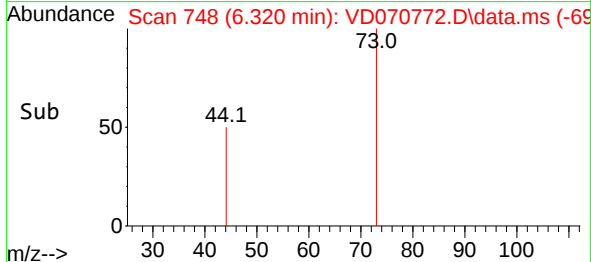
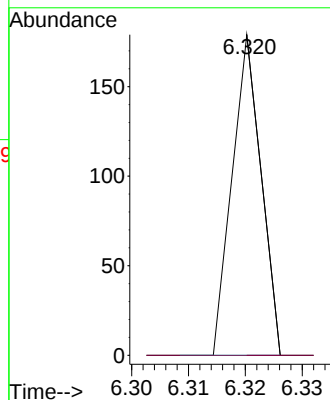
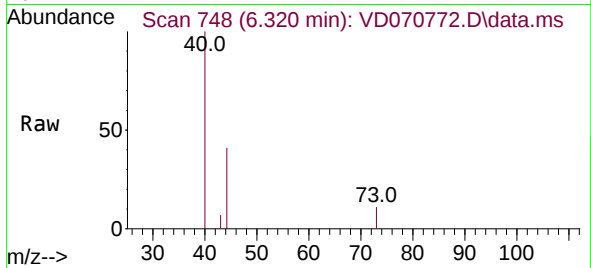




#23
 Vinyl Acetate
 Concen: 16.335 ug/l
 RT: 6.320 min Scan# 748
 Delta R.T. 0.017 min
 Lab File: VD070772.D
 Acq: 20 Oct 2021 13:29

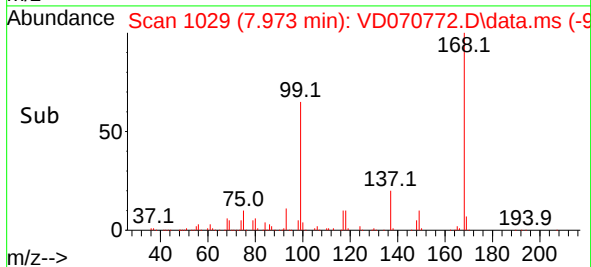
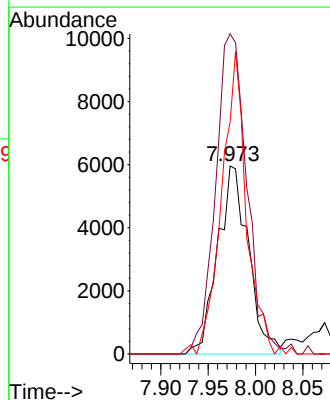
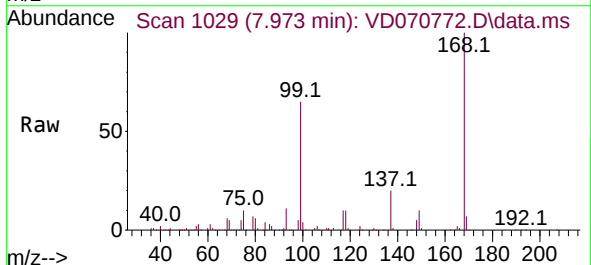
Instrument :
 MSVOA_D
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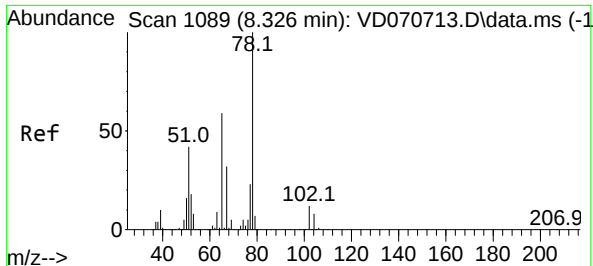
Tgt Ion: 43 Resp: 63
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#31
 Cyclohexane
 Concen: 1.261 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD070772.D
 Acq: 20 Oct 2021 13:29

Tgt Ion: 56 Resp: 13456
 Ion Ratio Lower Upper
 56 100
 69 170.2 27.4 41.2#
 84 123.3 73.6 110.4#

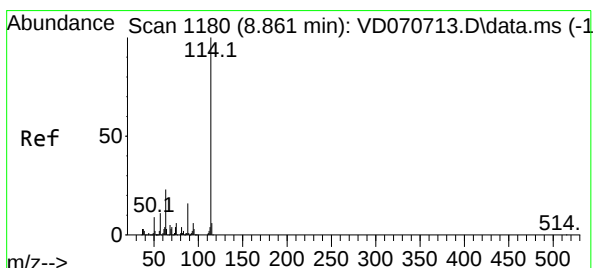
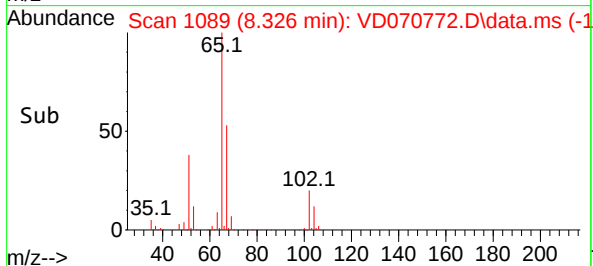
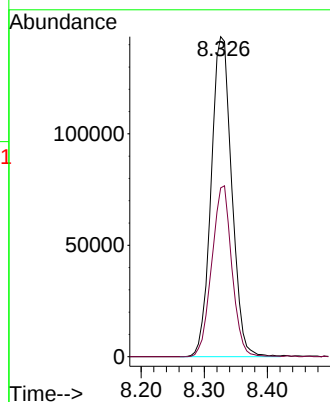
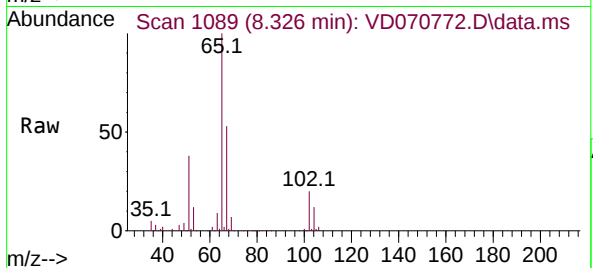




#33
1,2-Dichloroethane-d4
Concen: 61.585 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

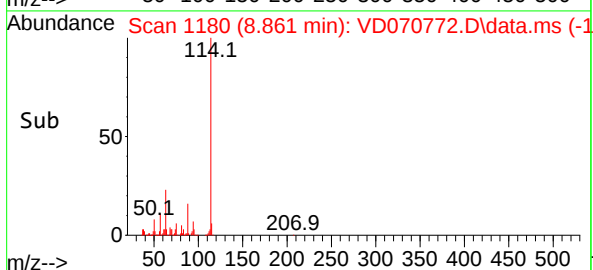
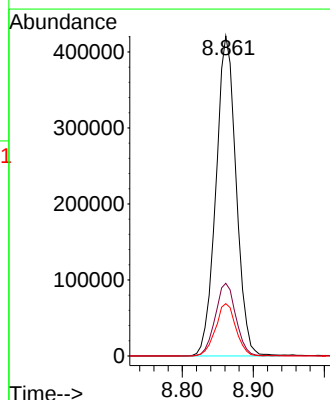
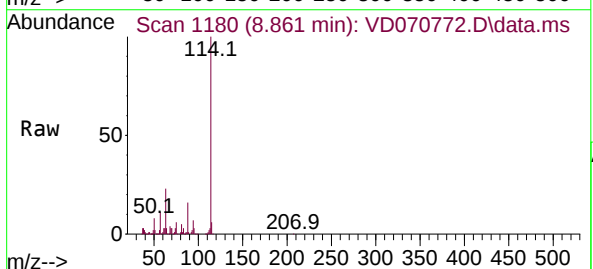
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ClientSampleId :
EXC-SOIL-B

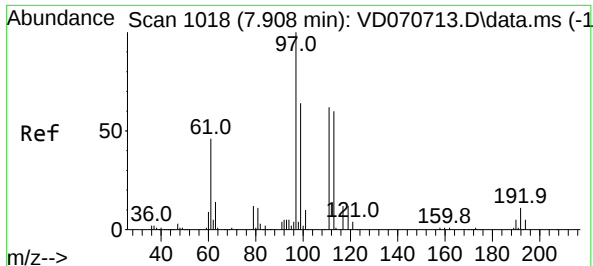
Tgt Ion: 65 Resp: 324851
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Tgt Ion: 114 Resp: 828819
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 16.3 0.0 32.6

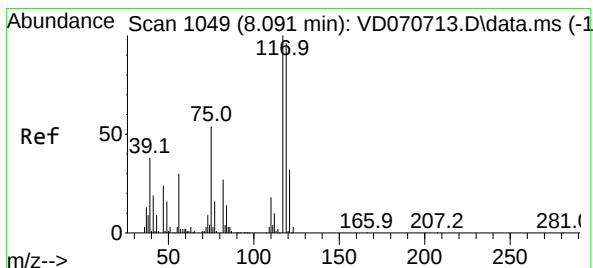
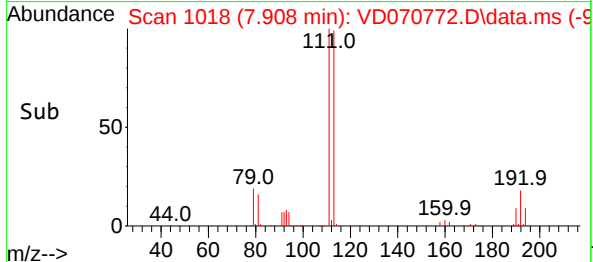
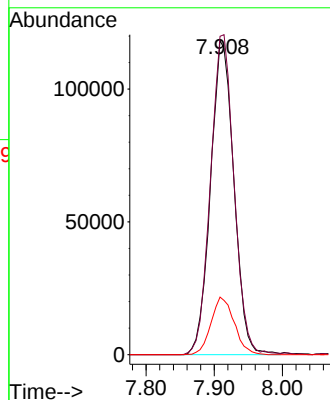
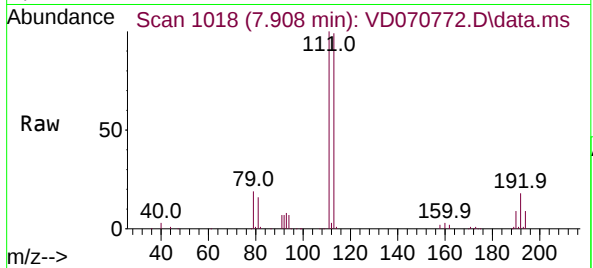




#35
Dibromofluoromethane
Concen: 53.110 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

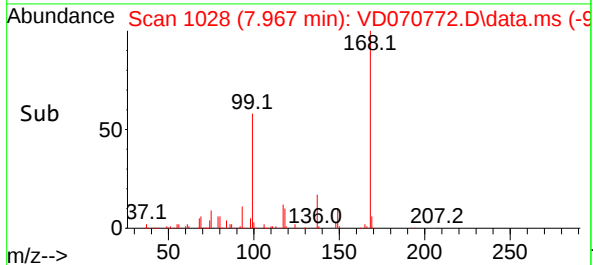
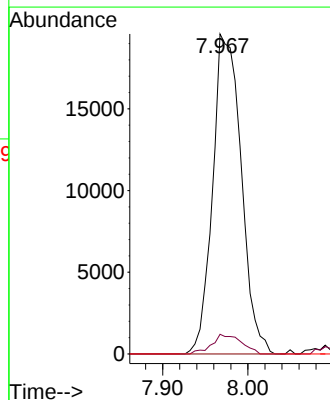
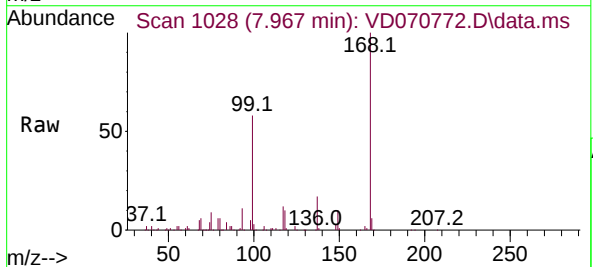
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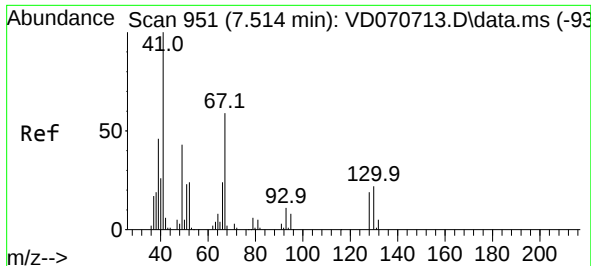
Tgt Ion:113 Resp: 281852
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 18.2 12.7 19.1



#38
Carbon Tetrachloride
Concen: 5.156 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

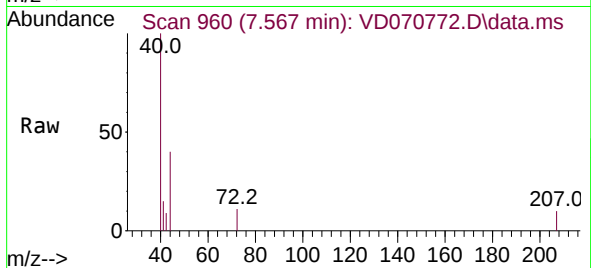
Tgt Ion:117 Resp: 45597
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.0#
121 0.0 25.4 38.0#



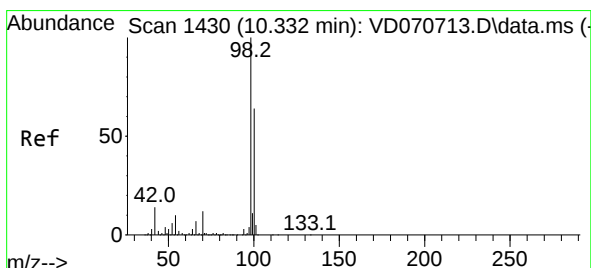
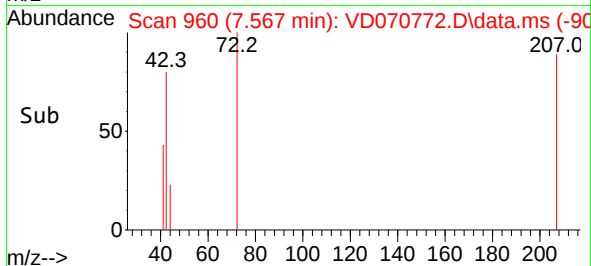
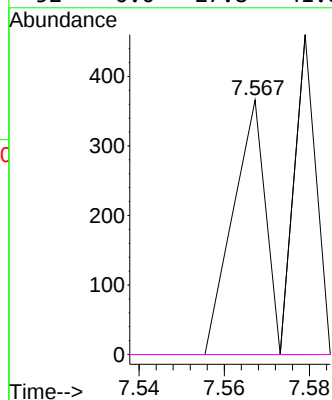


#41
Methacrylonitrile
Concen: 2.021 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.053 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Instrument :
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ClientSampleId :
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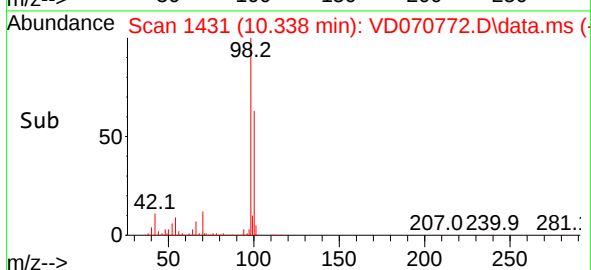
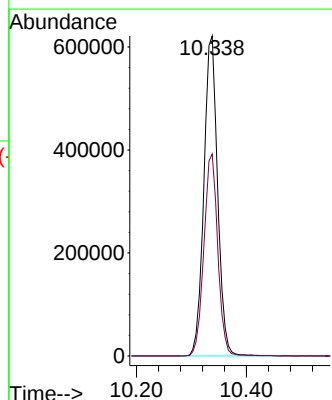
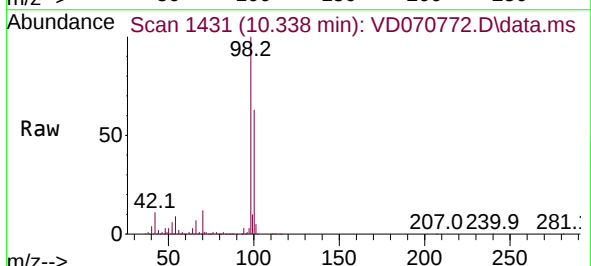


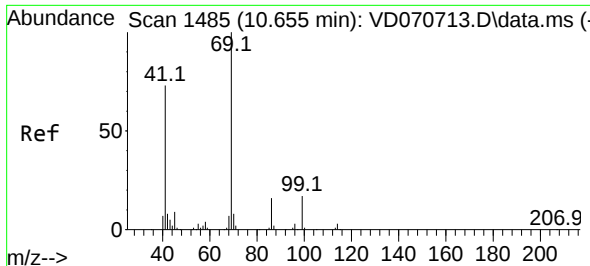
Tgt Ion: 41	Resp: 195
Ion Ratio	Lower Upper
41 100	
39 0.0	45.2 67.8#
67 0.0	75.8 113.6#
52 0.0	27.8 41.8#



#50
Toluene-d8
Concen: 53.066 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Tgt Ion: 98	Resp: 1079543
Ion Ratio	Lower Upper
98 100	
100 63.7	52.2 78.4

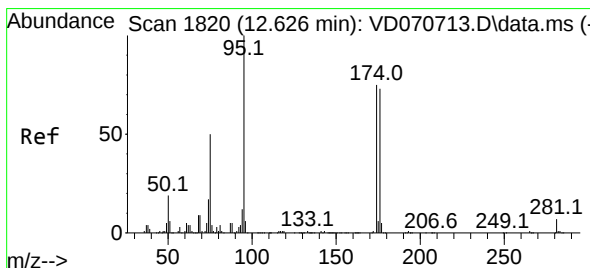
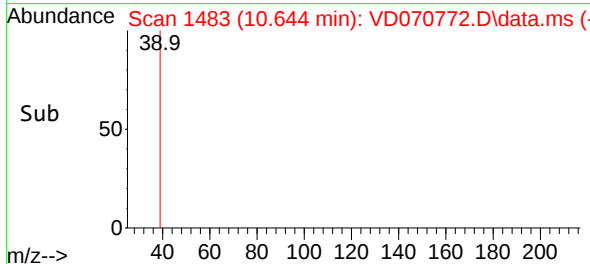
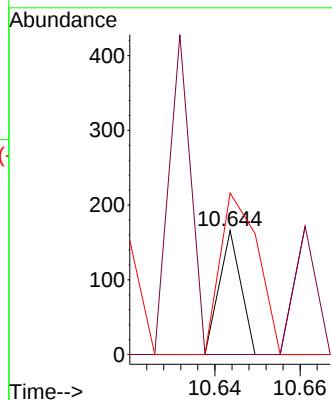
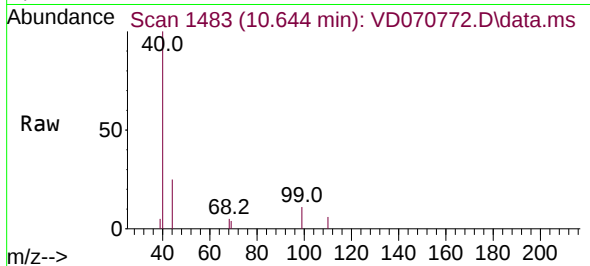




#56
Ethyl methacrylate
Concen: 4.164 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.011 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

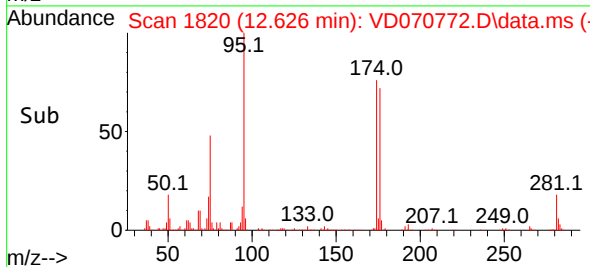
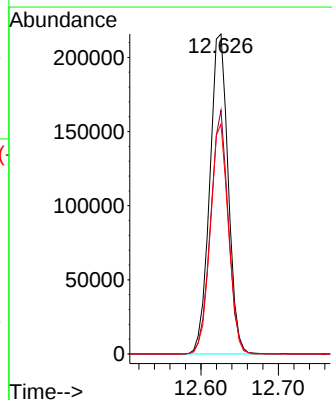
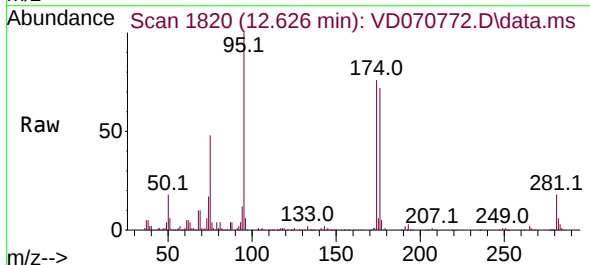
Instrument :
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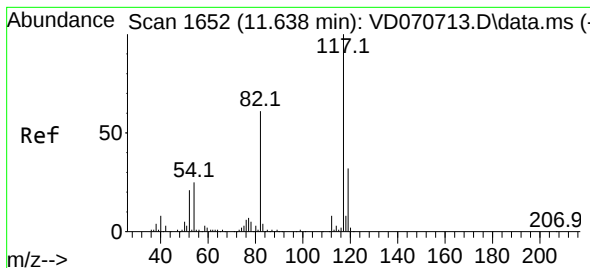
Tgt Ion: 69	Resp: 59
Ion Ratio	Lower Upper
69	100
41	255.9 44.7 67.1#
39	225.4 19.5 29.3#



#62
4-Bromofluorobenzene
Concen: 50.764 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Tgt Ion: 95	Resp: 355595
Ion Ratio	Lower Upper
95	100
174	73.5 0.0 138.0
176	70.7 0.0 135.6

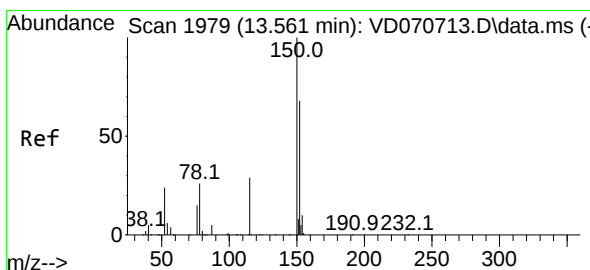
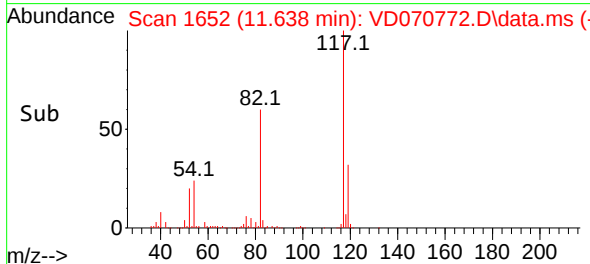
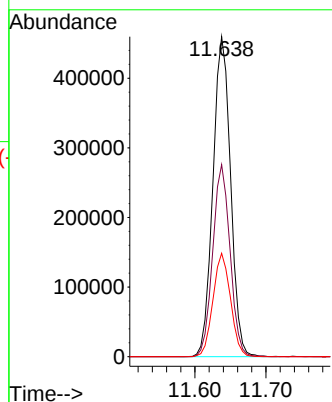
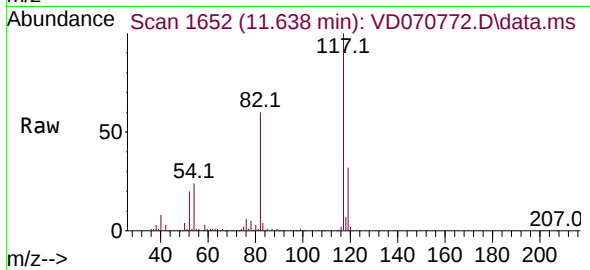




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

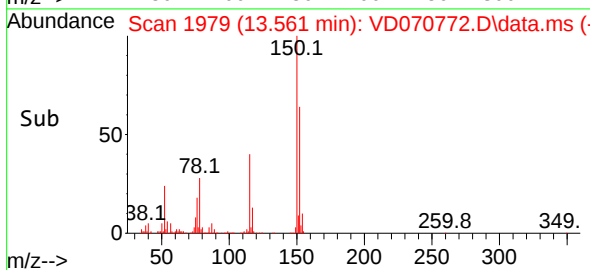
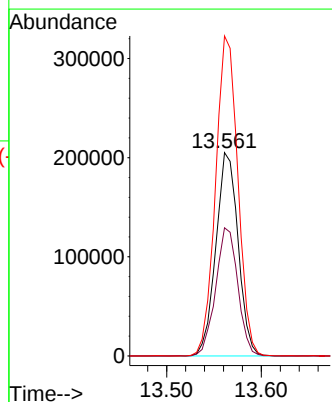
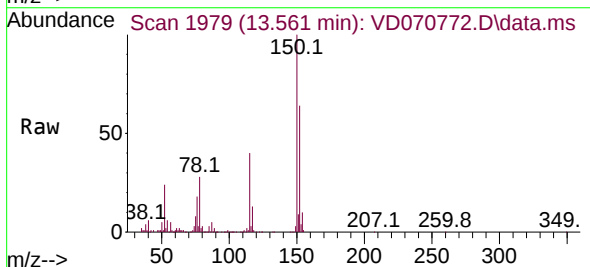
Instrument :
MSVOA_D
ClientSampleId :
EXC-SOIL-B

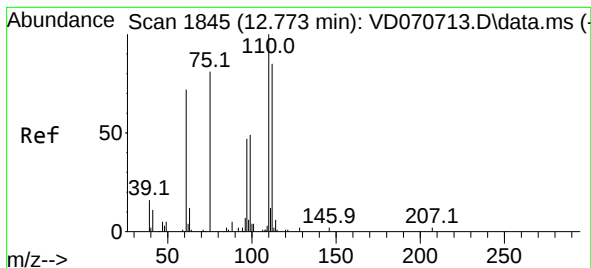
Tgt Ion:117 Resp: 792365
Ion Ratio Lower Upper
117 100
82 60.0 45.4 68.2
119 32.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Tgt Ion:152 Resp: 334746
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 157.5 0.0 350.0

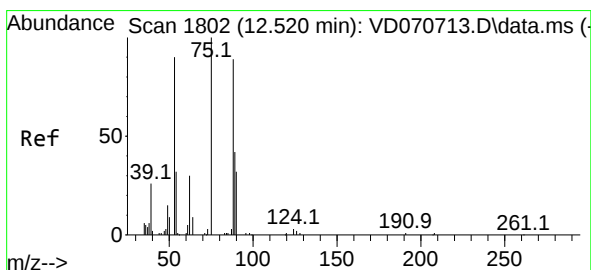
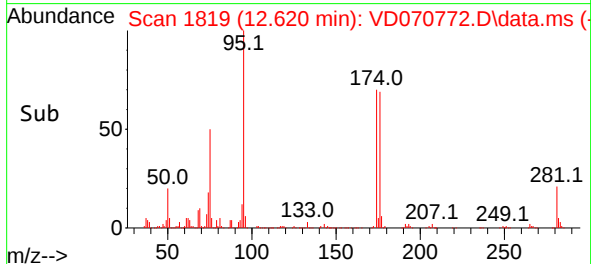
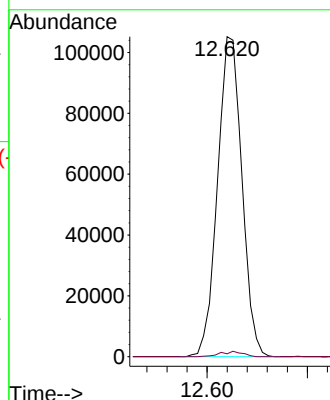
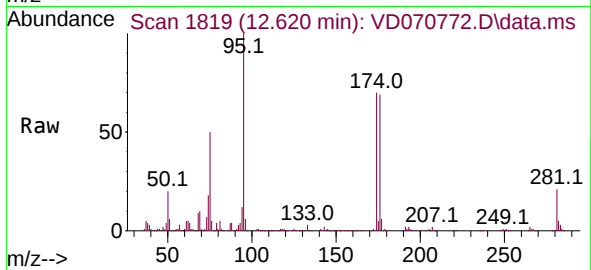




#76
1,2,3-Trichloropropane
Concen: 61.306 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

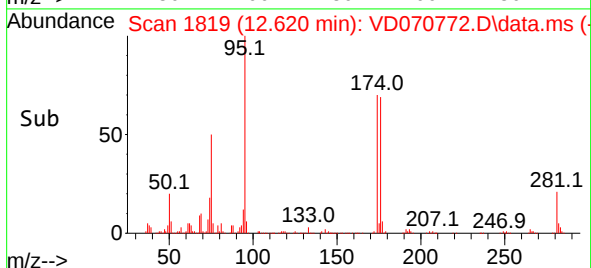
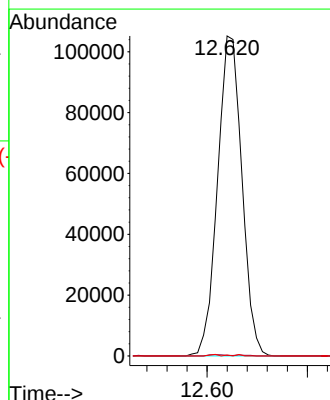
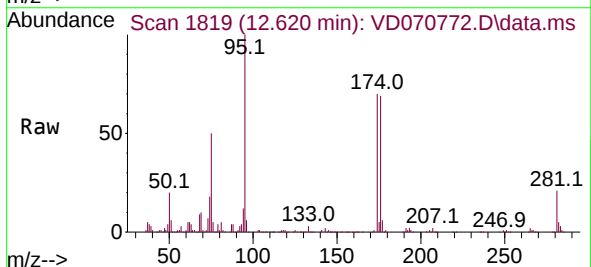
Instrument :
MSVOA_D
ClientSampleId :
EXC-SOIL-B

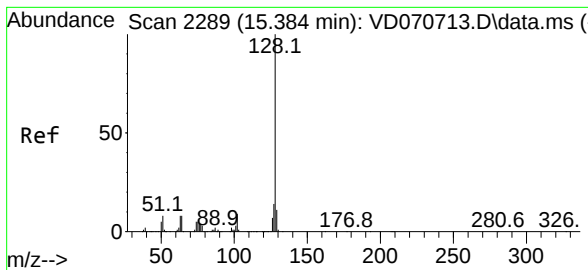
Tgt Ion: 75 Resp: 177301
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.279 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Tgt Ion: 75 Resp: 177301
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 4.858 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070772.D
Acq: 20 Oct 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
EXC-SOIL-B

Tgt Ion:	128	Resp:	783
Ion	Ratio	Lower	Upper
128	100		
127	8.9	10.9	16.3#
129	0.0	8.6	12.8#

