

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070898.D
 Acq On : 28 Oct 2021 18:16
 Operator : VA/SY
 Sample : M4395-10
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

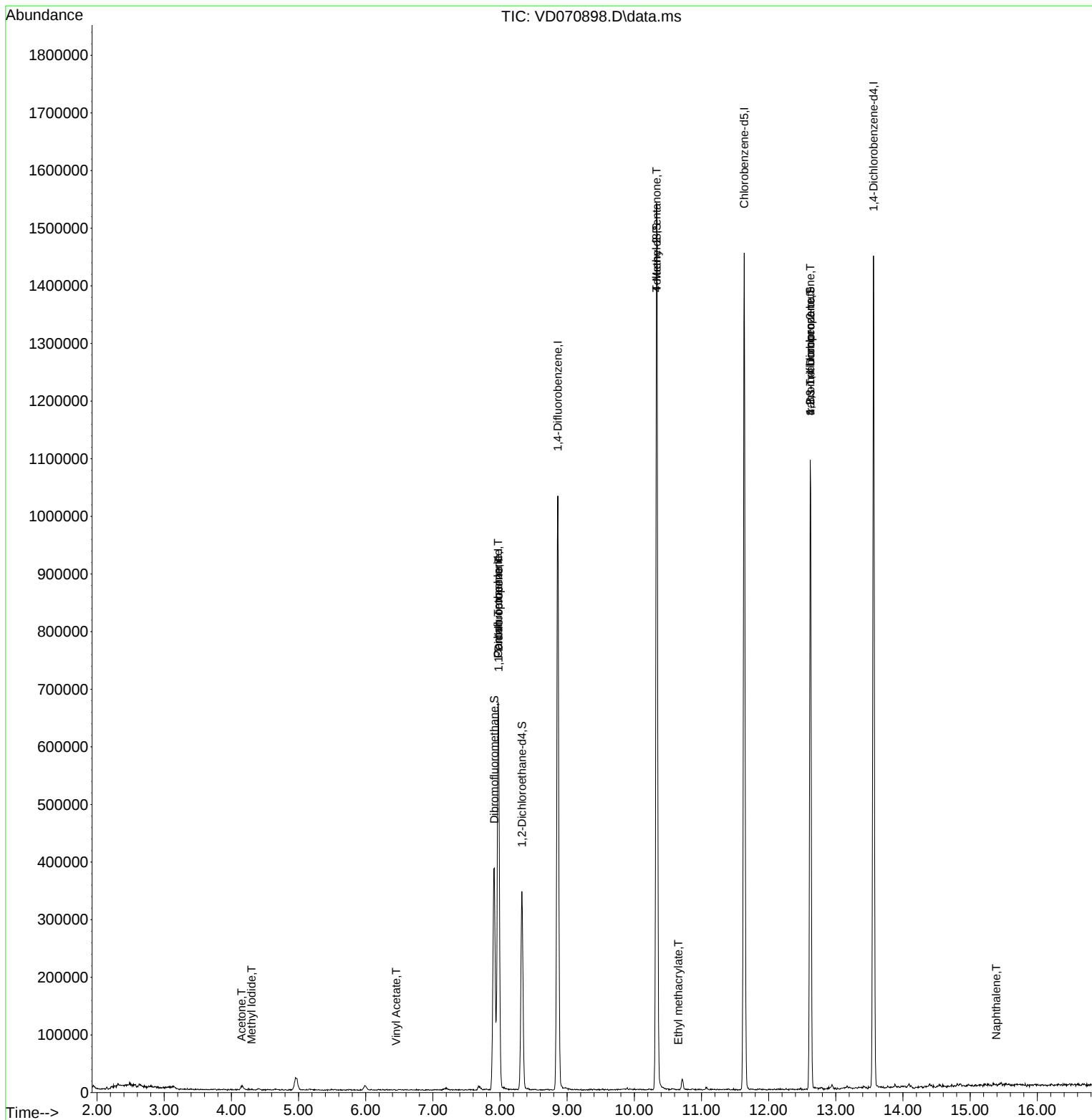
Quant Time: Oct 29 06:36:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

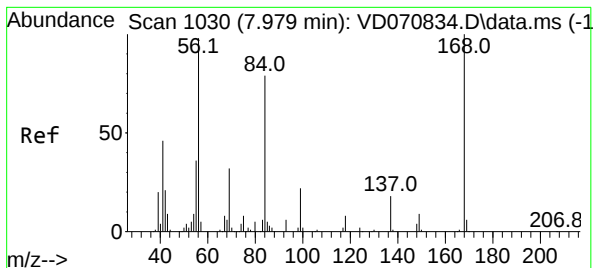
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	518650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	893719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	866867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	398553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262834	50.387	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.780%			
35) Dibromofluoromethane	7.914	113	286104	48.552	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.100%			
50) Toluene-d8	10.332	98	1105531	49.867	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.620	95	371074	50.730	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.460%			
Target Compounds						
5) Bromomethane	2.785	94	2051	Below Cal		92
10) Methyl Iodide	4.303	142	1099	3.772 ug/l #		52
16) Acetone	4.150	43	5469	4.506 ug/l		99
20) Methylene Chloride	4.967	84	17555	Below Cal #		75
23) Vinyl Acetate	6.455	43	117	14.428 ug/l #		72
36) 1,1-Dichloropropene	7.979	75	38822	4.152 ug/l #		49
38) Carbon Tetrachloride	7.973	117	51161	5.441 ug/l #		18
51) 4-Methyl-2-Pentanone	10.332	43	3461	1.021 ug/l #		1
56) Ethyl methacrylate	10.655	69	334	2.893 ug/l #		28
76) 1,2,3-Trichloropropane	12.620	75	170863	43.550 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.620	75	170863	114.302 ug/l #		18
95) Naphthalene	15.390	128	495	4.160 ug/l #		69

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

Quant Time: Oct 29 06:36:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration

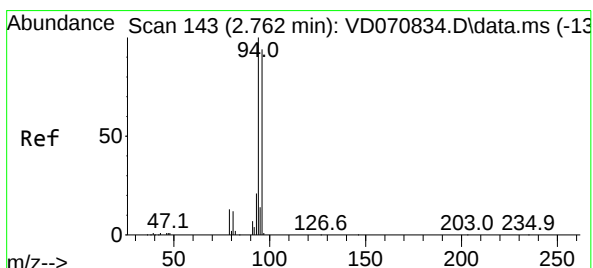
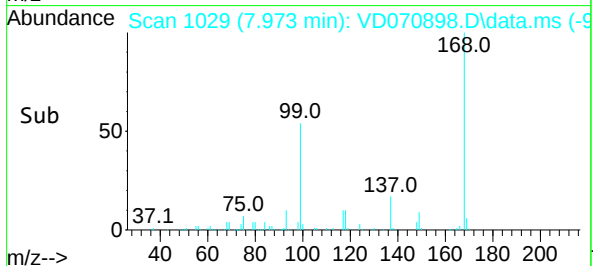
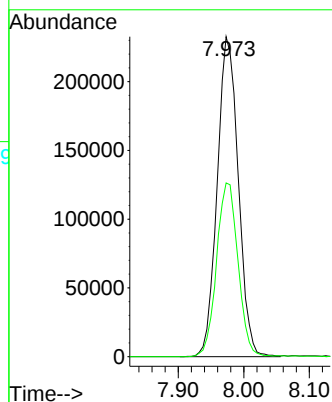
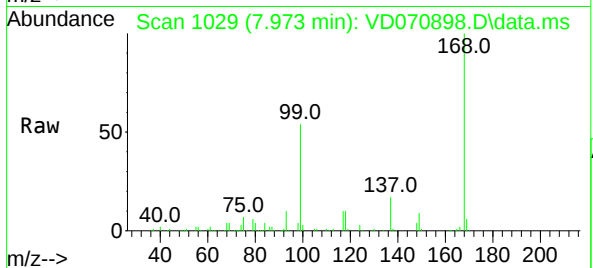




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

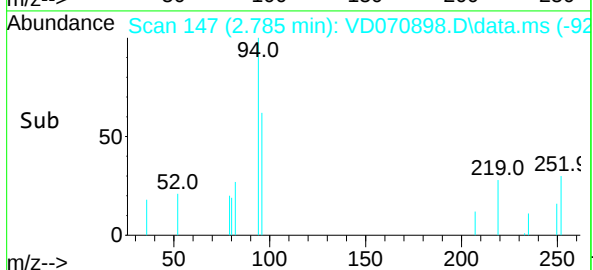
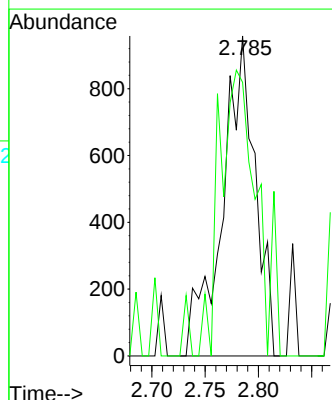
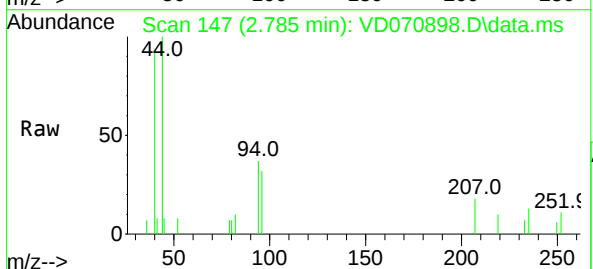
Instrument :
MSVOA_D
ClientSampled :

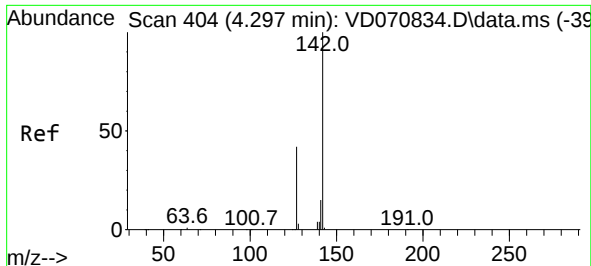
Tgt Ion:168 Resp: 518650
Ion Ratio Lower Upper
168 100
99 54.3 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Tgt Ion: 94 Resp: 2051
Ion Ratio Lower Upper
94 100
96 85.5 74.8 112.2

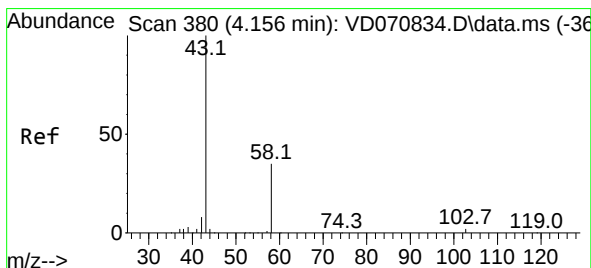
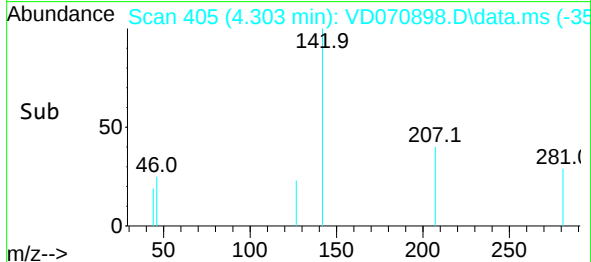
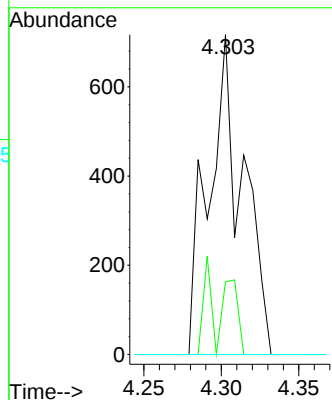
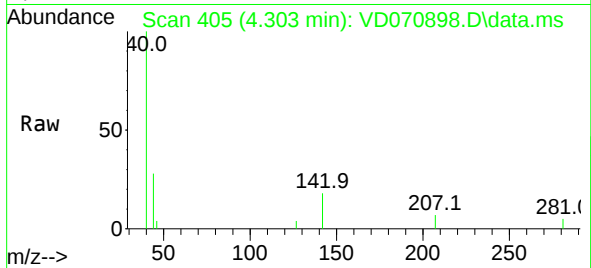




#10
Methyl Iodide
Concen: 3.772 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

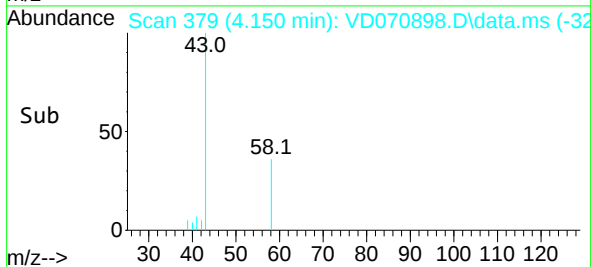
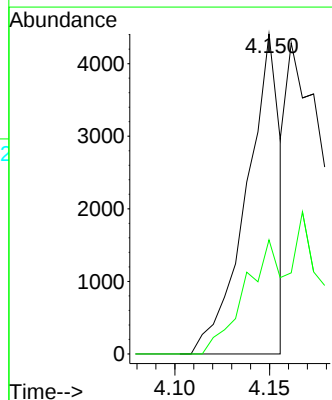
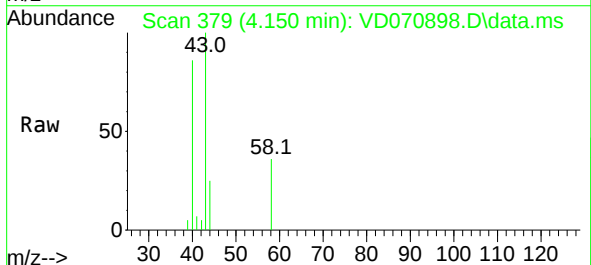
Instrument :
MSVOA_D
ClientSampled :

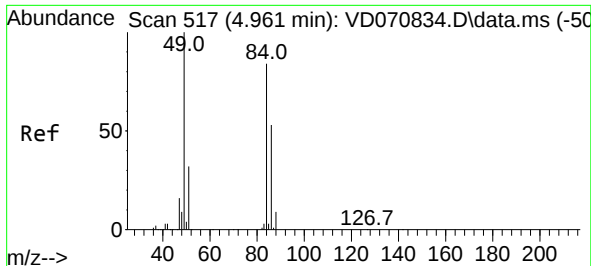
Tgt Ion:142 Resp: 1099
Ion Ratio Lower Upper
142 100
127 10.6 35.0 52.4#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 4.506 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Tgt Ion: 43 Resp: 5469
Ion Ratio Lower Upper
43 100
58 35.7 27.8 41.8

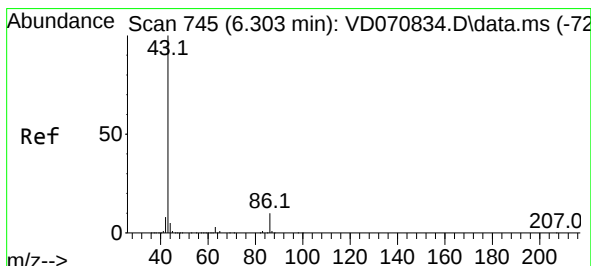
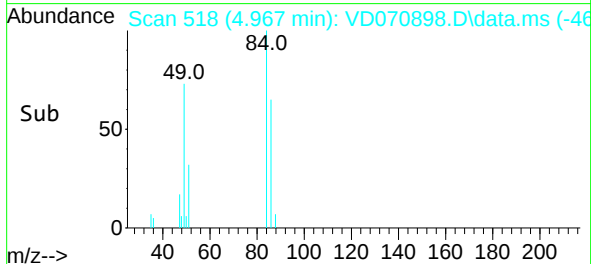
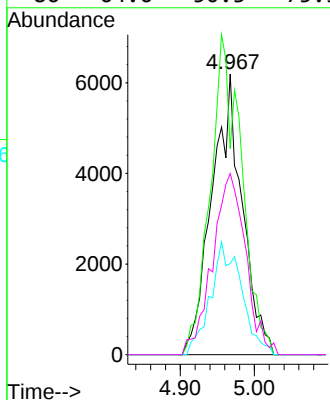
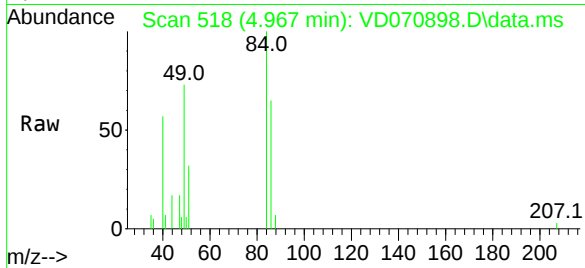




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

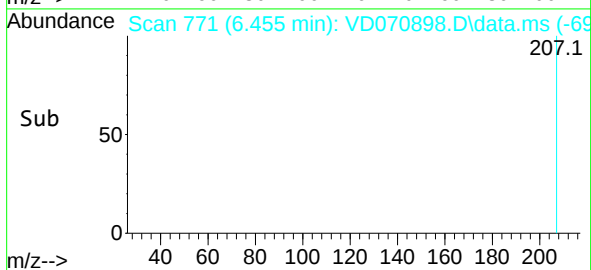
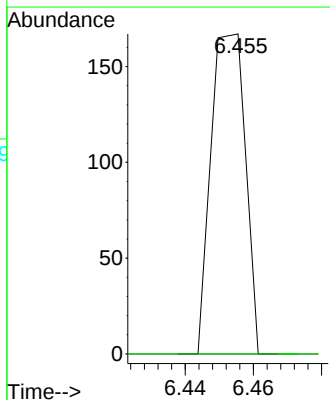
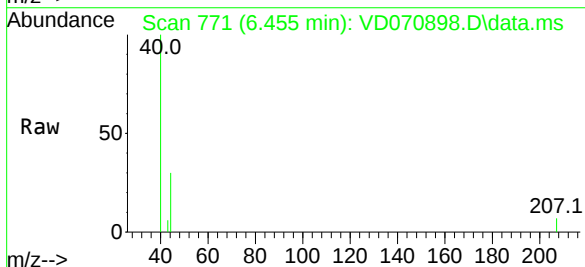
Instrument :
MSVOA_D
ClientSampled :

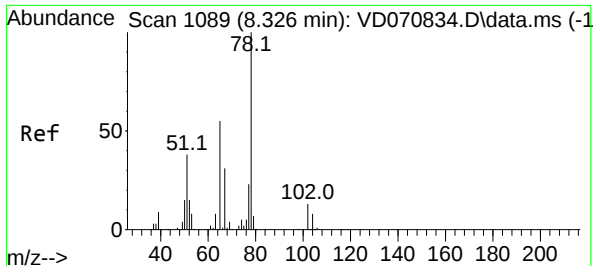
Tgt Ion:	84	Resp:	17555
Ion	Ratio	Lower	Upper
84	100		
49	73.4	95.8	143.6#
51	32.5	30.9	46.3
86	64.6	50.3	75.5



#23
Vinyl Acetate
Concen: 14.428 ug/l
RT: 6.455 min Scan# 771
Delta R.T. 0.152 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Tgt Ion:	43	Resp:	117
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#



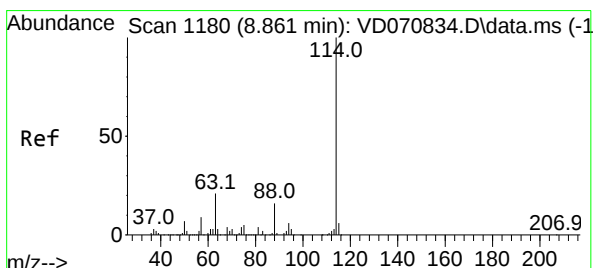
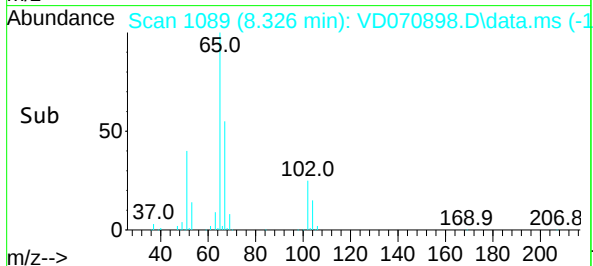
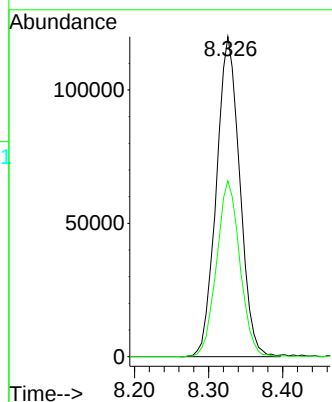
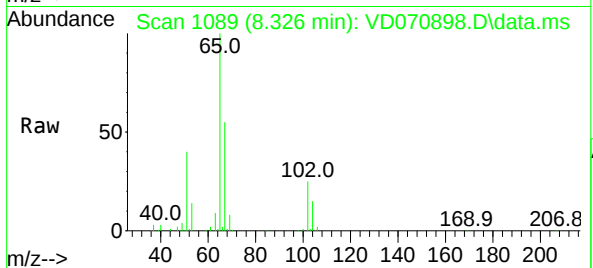


#33

1,2-Dichloroethane-d4
Concen: 50.387 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Instrument :
MSVOA_D
ClientSampled :

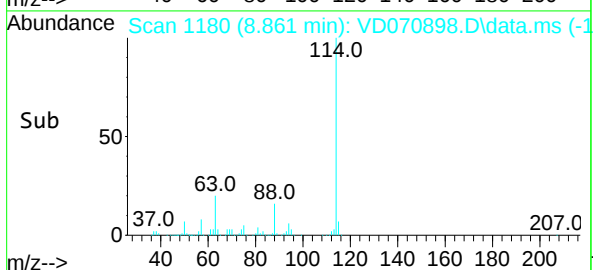
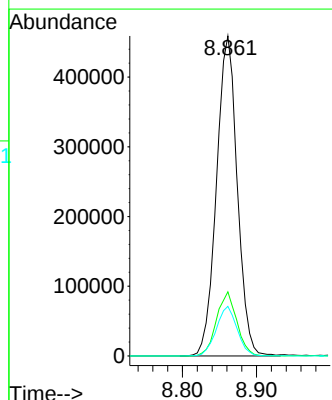
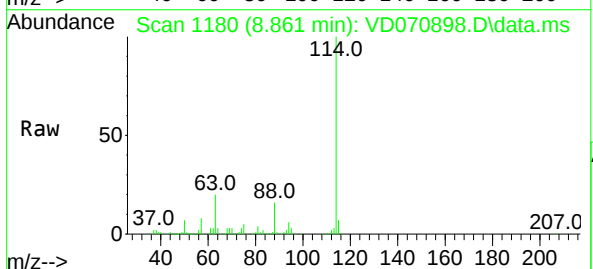
Tgt Ion: 65 Resp: 262834
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.2

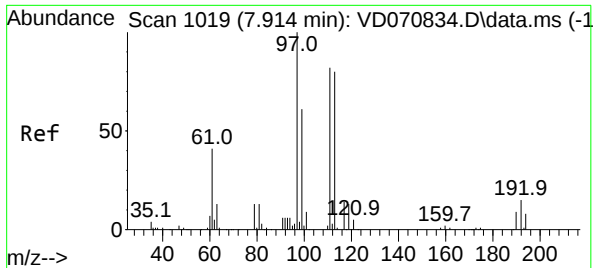


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Tgt Ion:114 Resp: 893719
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.8
88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.552 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070898.D

Acq: 28 Oct 2021 18:16

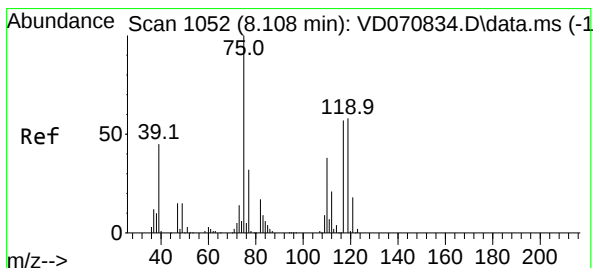
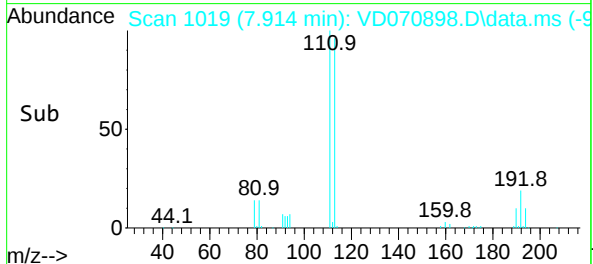
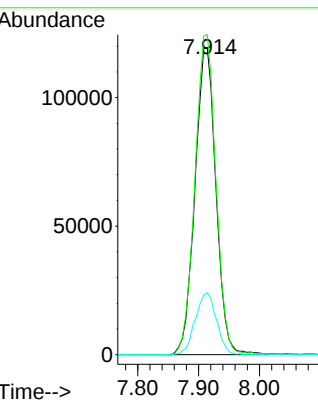
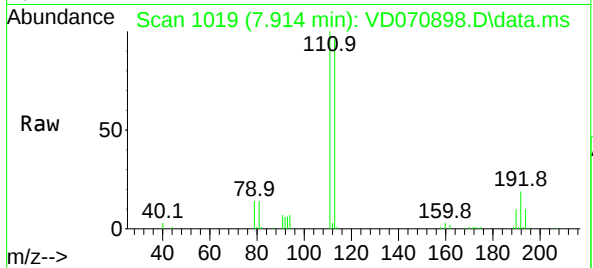
Tgt Ion:113 Resp: 286104

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 20.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.152 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070898.D

Acq: 28 Oct 2021 18:16

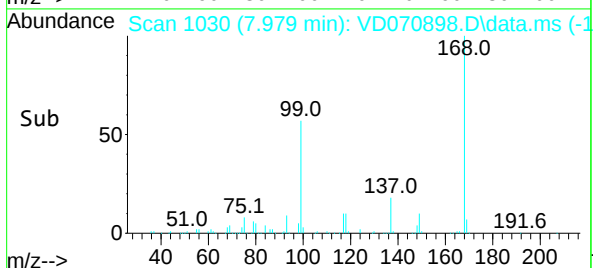
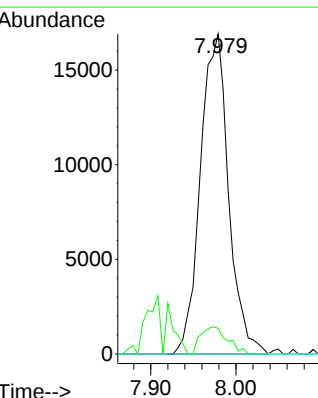
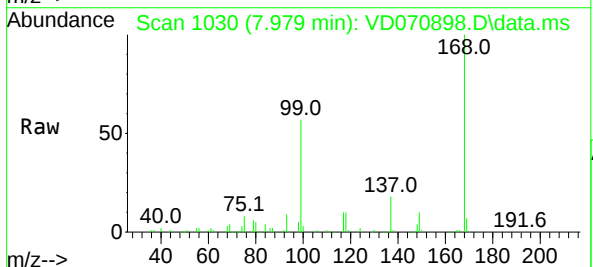
Tgt Ion: 75 Resp: 38822

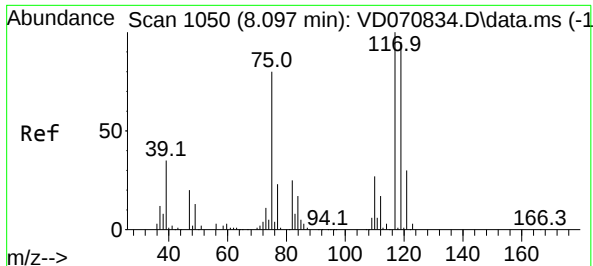
Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.4#

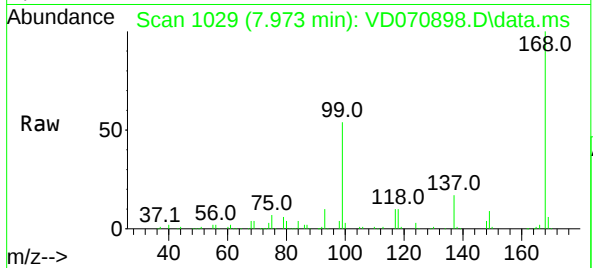
77 0.0 24.8 37.2#



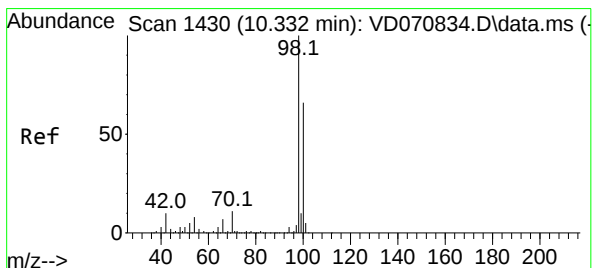
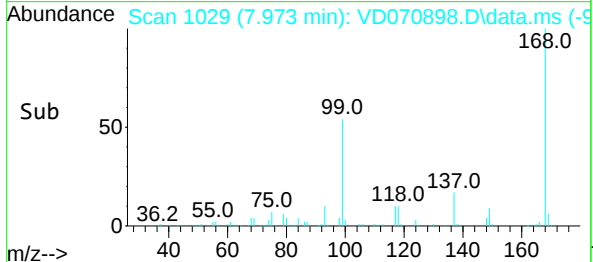
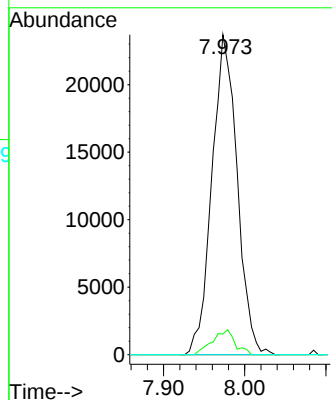


#38
Carbon Tetrachloride
Concen: 5.441 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Instrument :
MSVOA_D
ClientSampled :

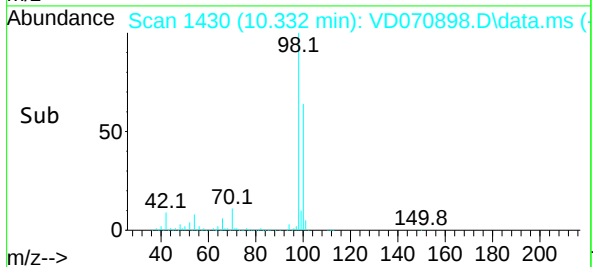
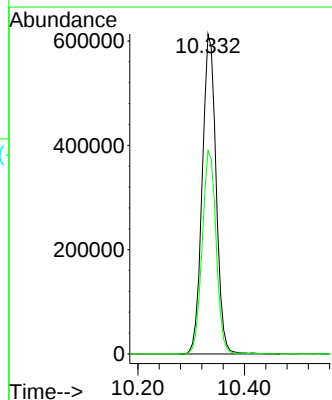
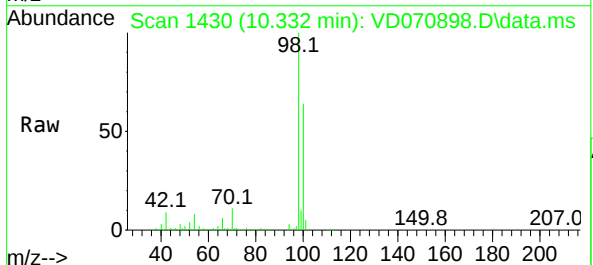


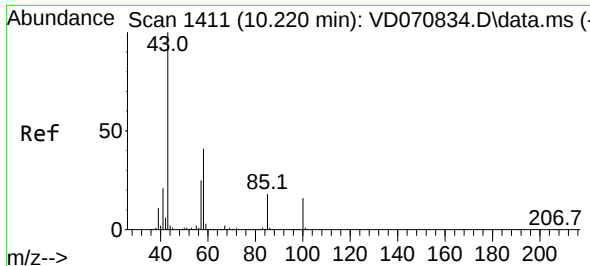
Tgt Ion:117 Resp: 51161
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.867 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Tgt Ion: 98 Resp: 1105531
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

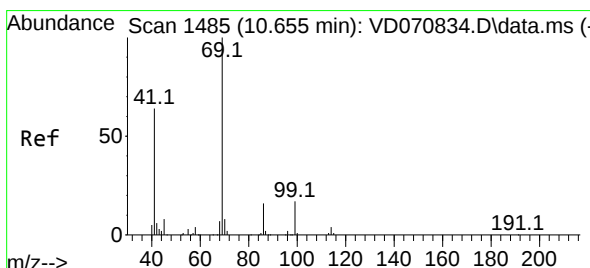
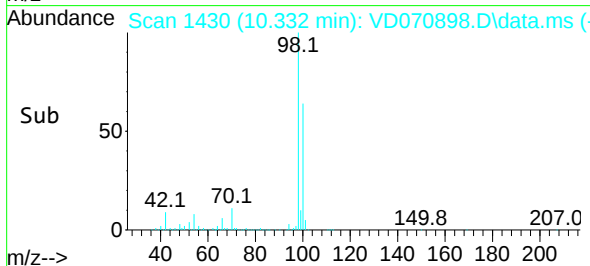
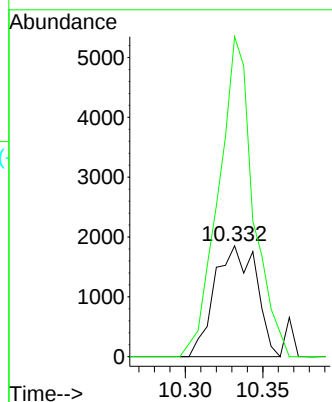
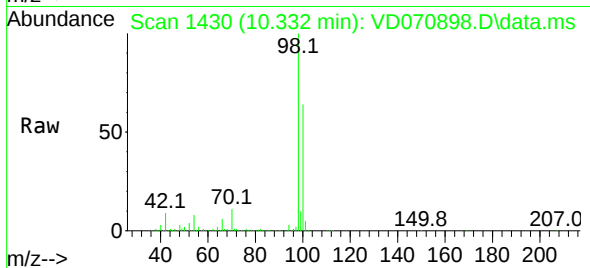




#51
4-Methyl-2-Pentanone
Concen: 1.021 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

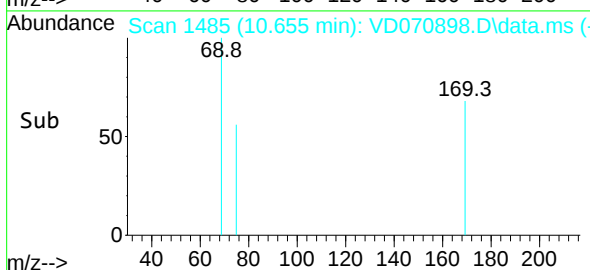
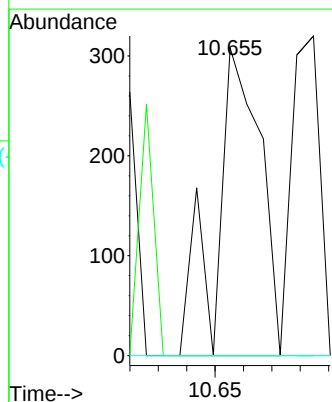
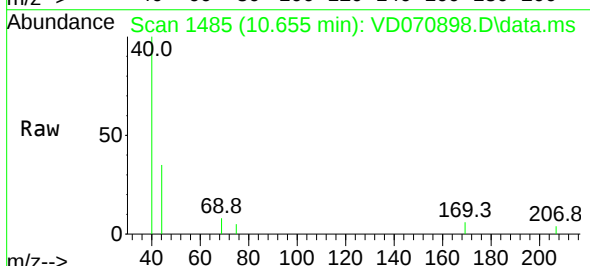
Instrument :
MSVOA_D
ClientSampled :

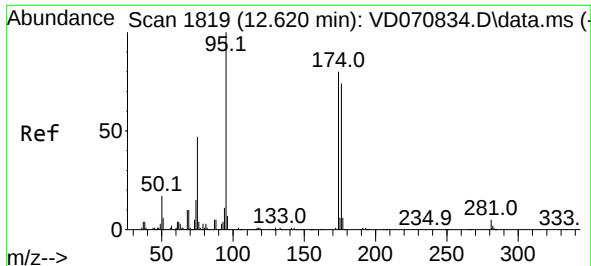
Tgt Ion: 43 Resp: 3461
Ion Ratio Lower Upper
43 100
58 242.0 33.1 49.7#



#56
Ethyl methacrylate
Concen: 2.893 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Tgt Ion: 69 Resp: 334
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 0.0 19.8 29.8#

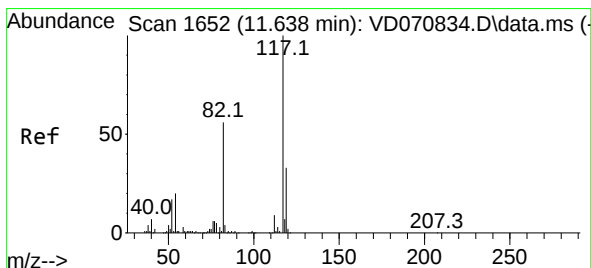
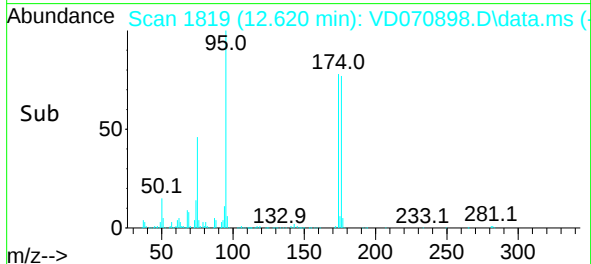
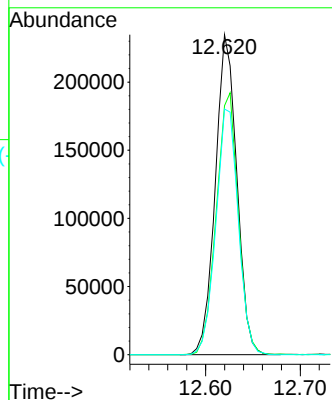
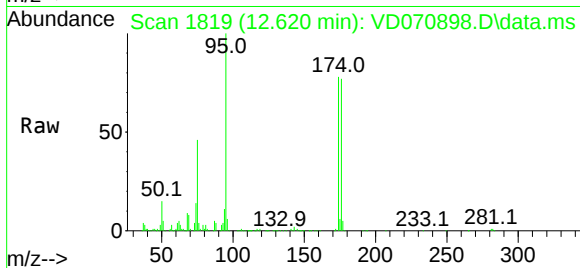




#62
4-Bromofluorobenzene
Concen: 50.730 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

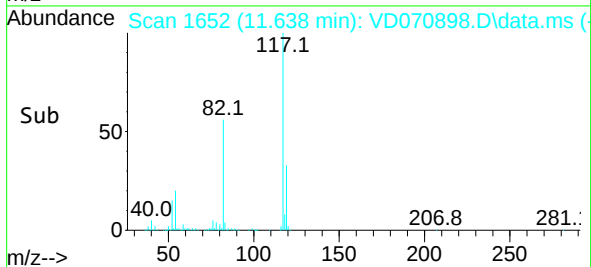
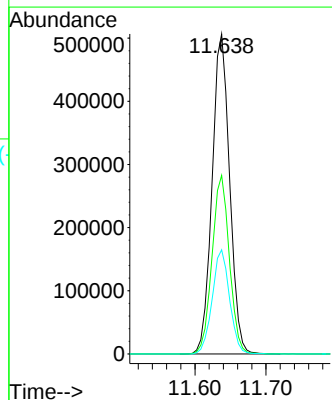
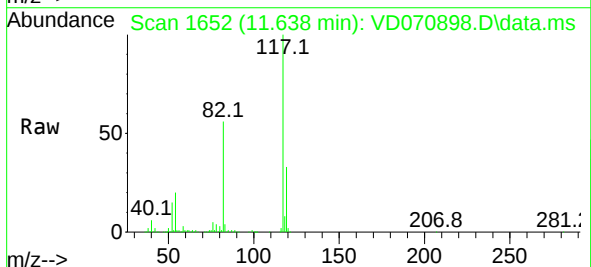
Instrument :
MSVOA_D
ClientSampled :

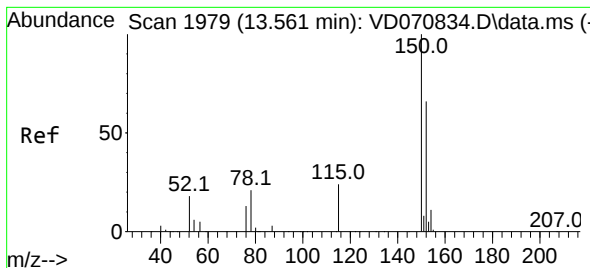
Tgt Ion: 95 Resp: 371074
Ion Ratio Lower Upper
95 100
174 83.4 0.0 159.4
176 79.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Tgt Ion: 117 Resp: 866867
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.5 26.2 39.4

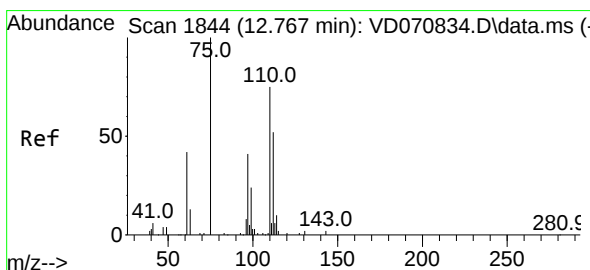
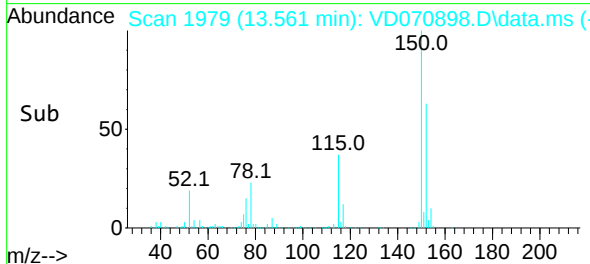
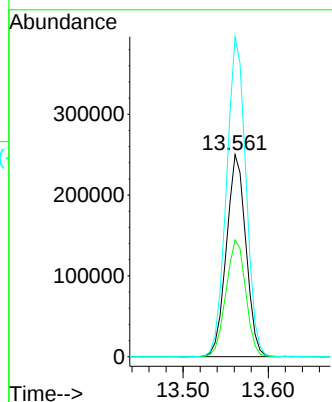
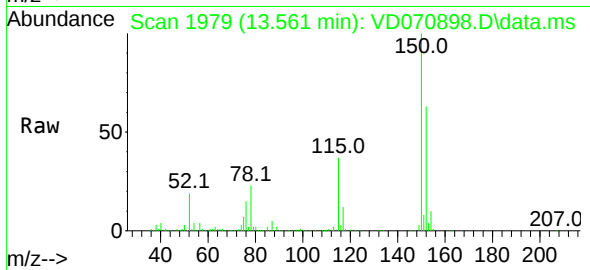




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070898.D
 Acq: 28 Oct 2021 18:16

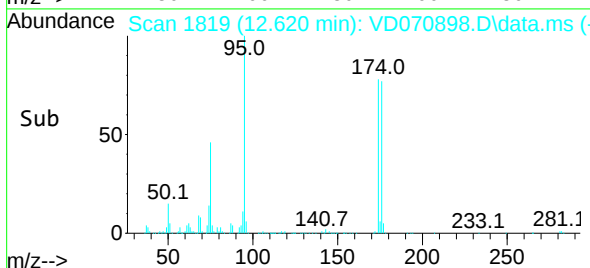
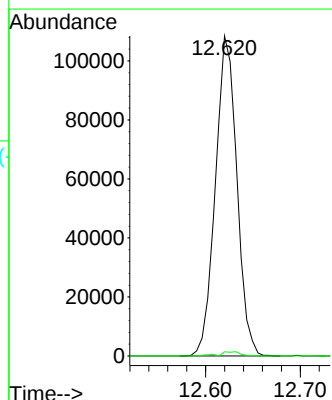
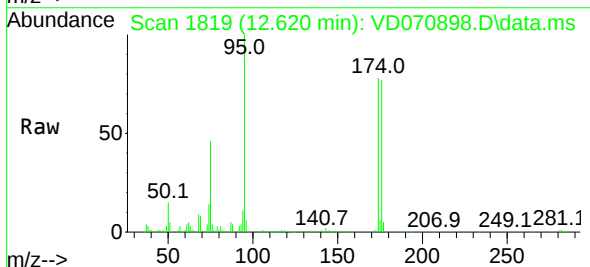
Instrument :
 MSVOA_D
 ClientSampled :

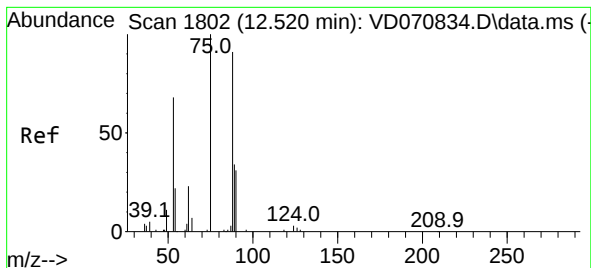
Tgt Ion:152 Resp: 398553
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.8 89.3
 150 157.7 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 43.550 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD070898.D
 Acq: 28 Oct 2021 18:16

Tgt Ion: 75 Resp: 170863
 Ion Ratio Lower Upper
 75 100
 77 1.3 158.4 475.3#

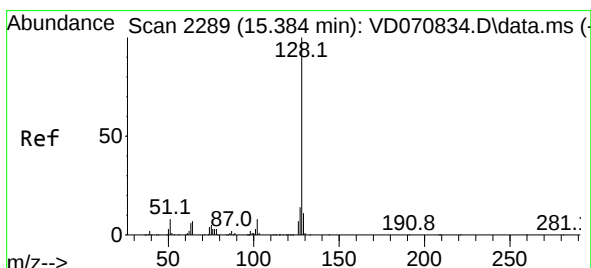
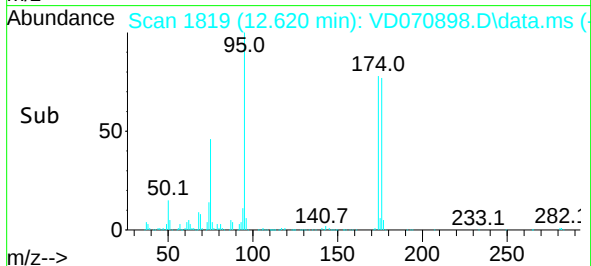
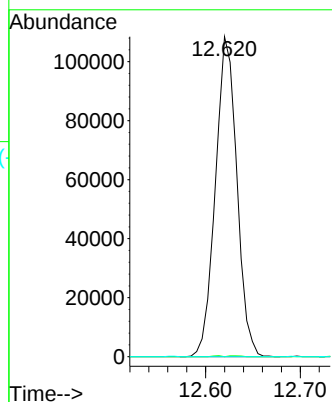
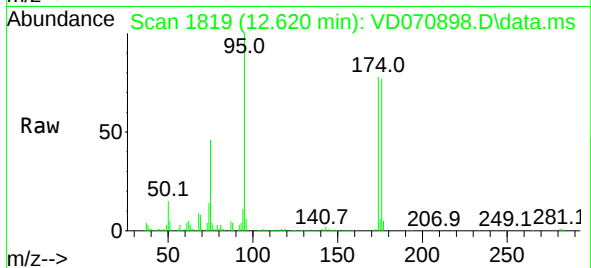




#81
trans-1,4-Dichloro-2-butene
Concen: 114.302 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 170863
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.160 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070898.D
Acq: 28 Oct 2021 18:16

Tgt Ion:128 Resp: 495
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

