

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070611.D
 Acq On : 07 Oct 2021 12:28
 Operator : VA/SY
 Sample : M4061-03
 Misc : 4.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3

Quant Time: Oct 08 04:50:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

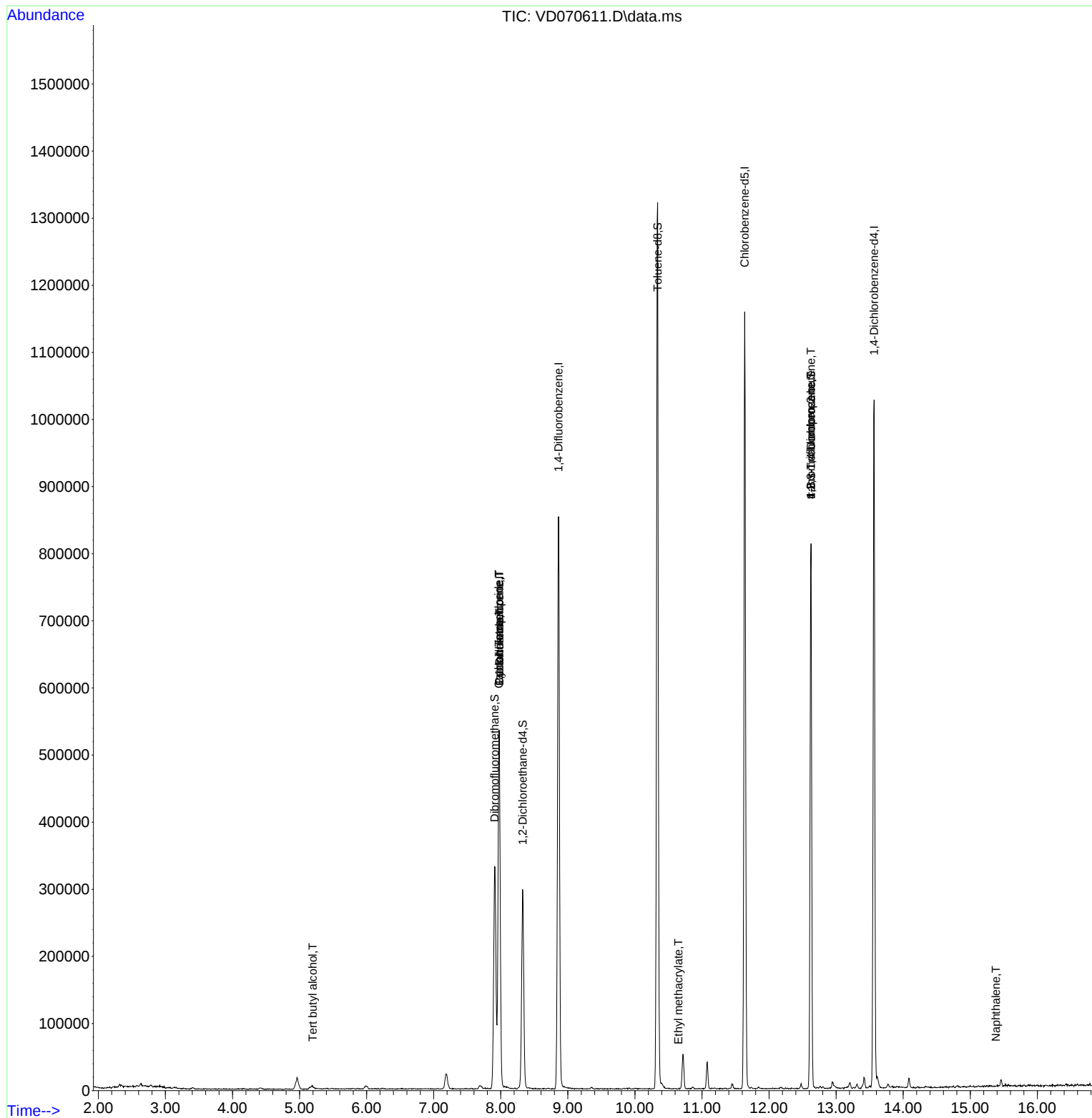
Internal Standards						
1) Pentafluorobenzene	7.979	168	378635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	739901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	690114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	277767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229368	51.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.94%			
35) Dibromofluoromethane	7.908	113	250595	50.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.88%			
50) Toluene-d8	10.337	98	945525	50.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.56%			
62) 4-Bromofluorobenzene	12.626	95	279892	44.53	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.06%			
Target Compounds						
5) Bromomethane	2.785	94	1057	Below Cal		87
11) Tert butyl alcohol	5.197	59	4687	21.23 ug/l	#	83
20) Methylene Chloride	4.961	84	13983	Below Cal	#	85
31) Cyclohexane	7.979	56	9463	1.15 ug/l	#	3
36) 1,1-Dichloropropene	7.979	75	33518	4.27 ug/l	#	49
38) Carbon Tetrachloride	7.973	117	42195	5.13 ug/l	#	17
56) Ethyl methacrylate	10.649	69	210	1.42 ug/l	#	32
59) 2-Hexanone	11.079	43	379	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.626	75	130790	52.02 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	130790	115.50 ug/l	#	17
95) Naphthalene	15.384	128	576	2.55 ug/l	#	76

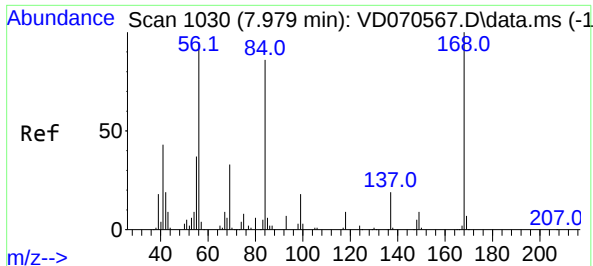
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

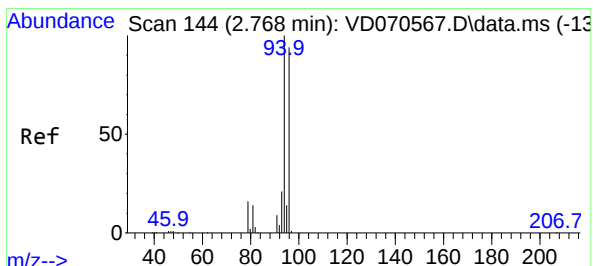
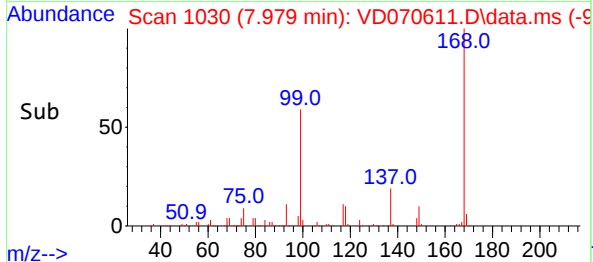
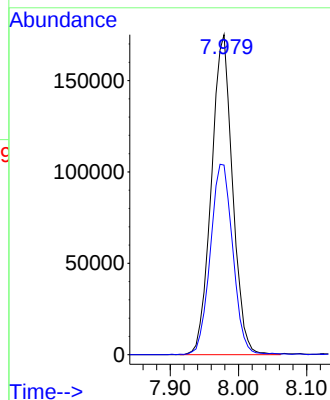
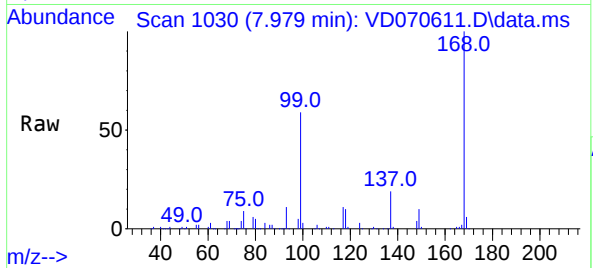




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

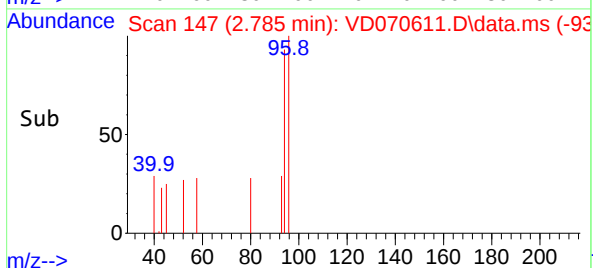
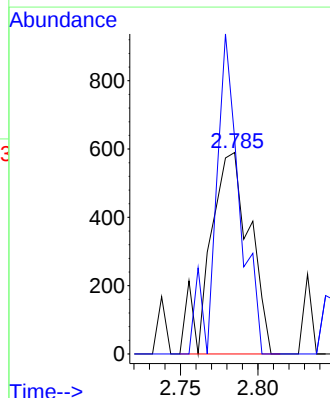
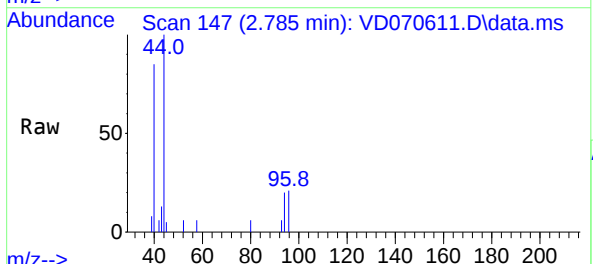
Instrument :
MSVOA_D
ClientSampled :
S-3

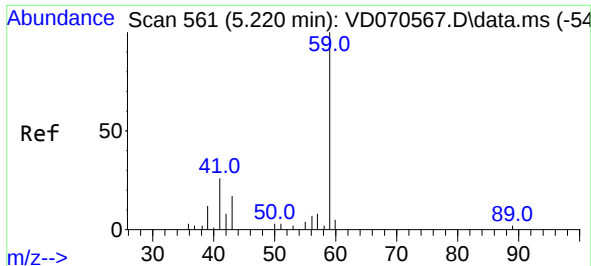
Tgt Ion:168 Resp: 378635
Ion Ratio Lower Upper
168 100
99 59.1 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion: 94 Resp: 1057
Ion Ratio Lower Upper
94 100
96 107.1 75.5 113.3

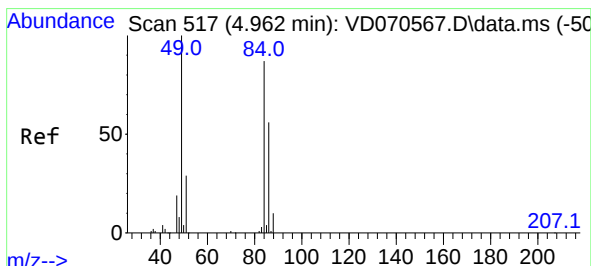
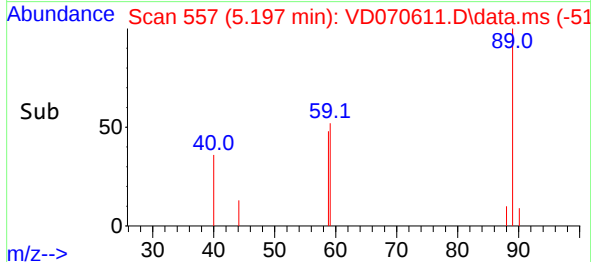
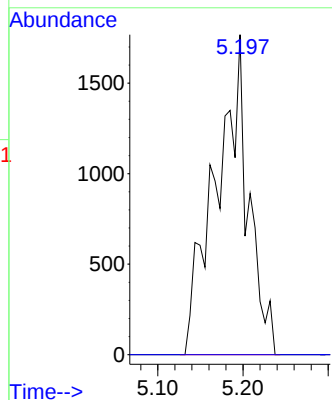
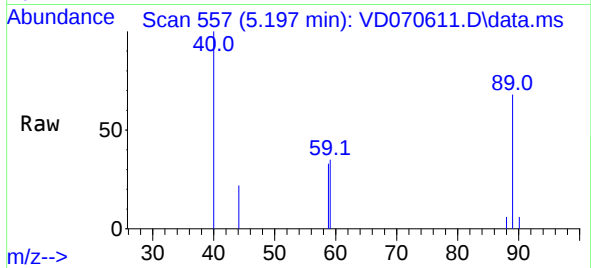




#11
Tert butyl alcohol
Concen: 21.23 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

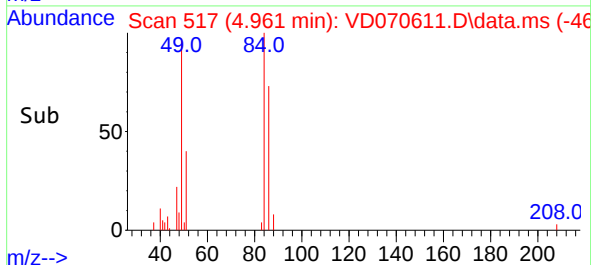
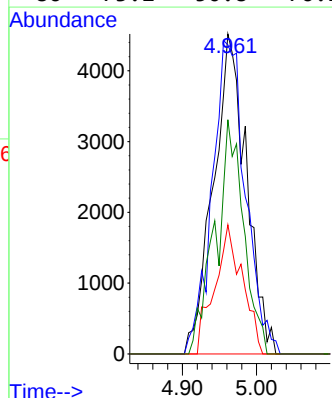
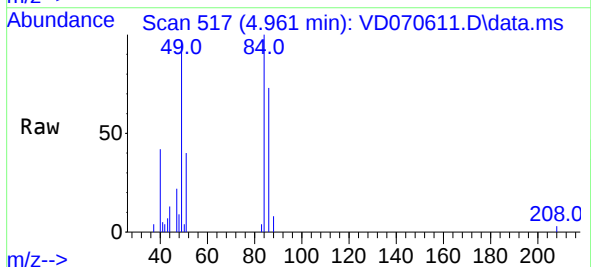
Instrument :
MSVOA_D
ClientSampleId :
S-3

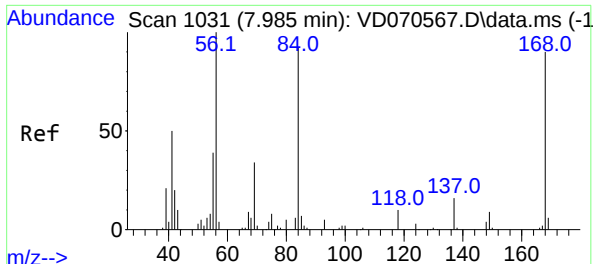
Tgt Ion: 59 Resp: 4687
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

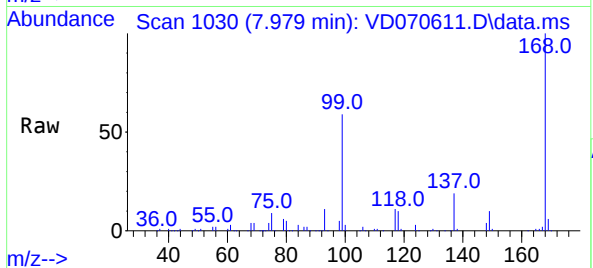
Tgt Ion: 84 Resp: 13983
Ion Ratio Lower Upper
84 100
49 96.6 91.4 137.2
51 40.3 26.7 40.1#
86 73.2 50.8 76.2



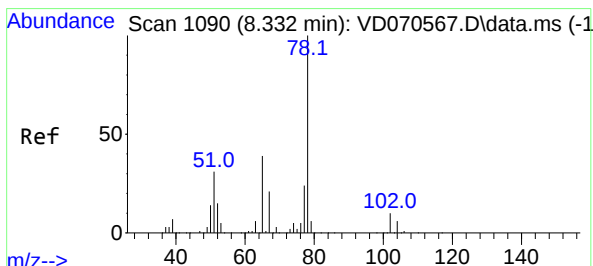
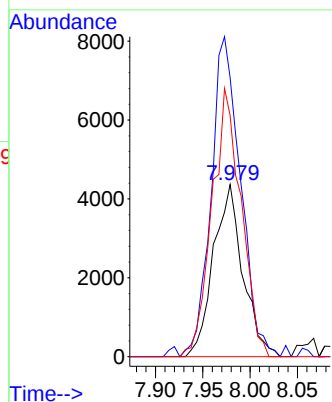
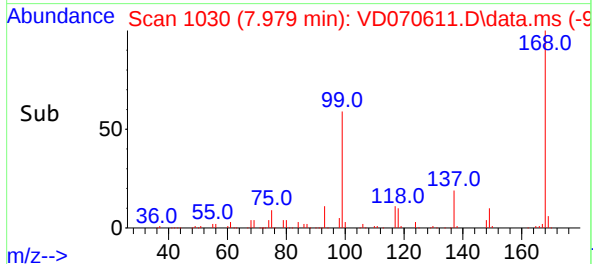


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

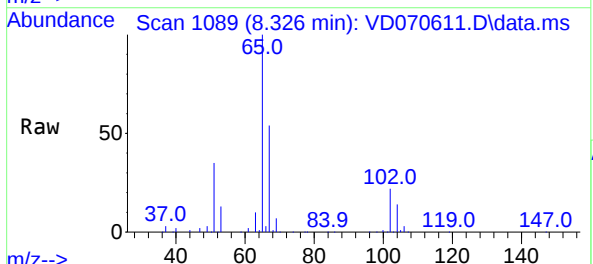
Instrument :
MSVOA_D
ClientSampleId :
S-3



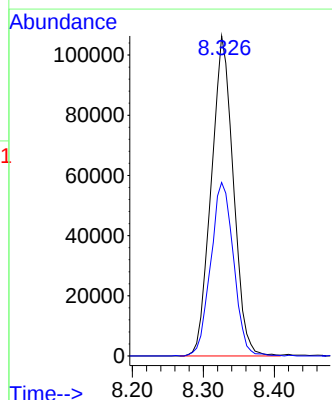
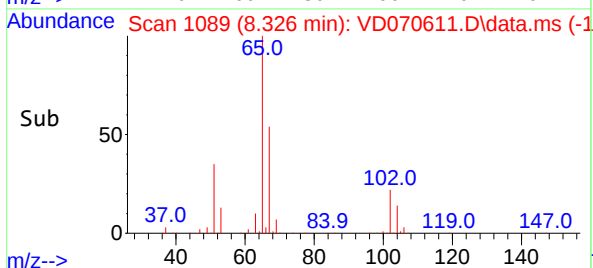
Tgt Ion: 56 Resp: 9463
Ion Ratio Lower Upper
56 100
69 162.1 27.4 41.2#
84 140.2 73.6 110.4#

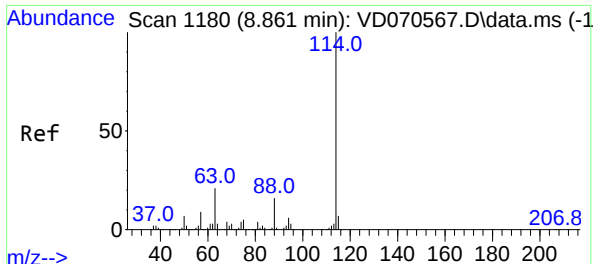


#33
1,2-Dichloroethane-d4
Concen: 51.47 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28



Tgt Ion: 65 Resp: 229368
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.2





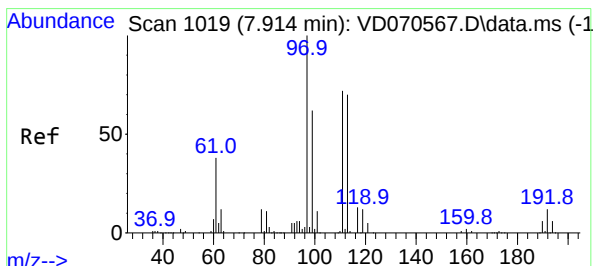
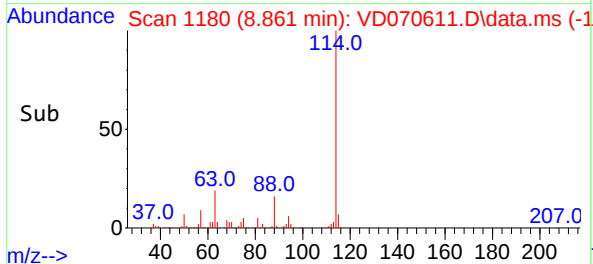
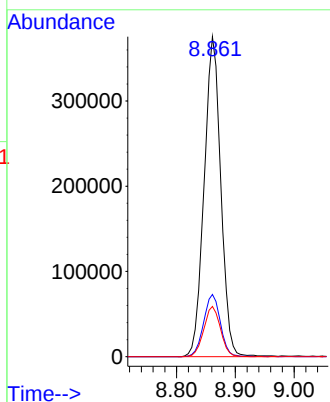
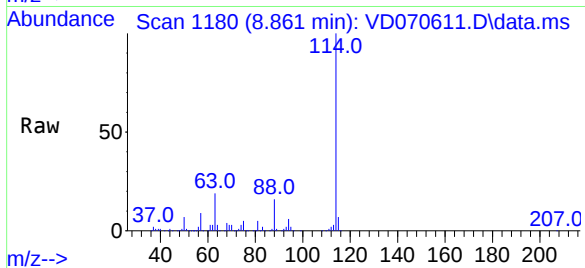
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Instrument :
MSVOA_D
ClientSampled :
S-3

Tgt Ion:114 Resp: 739901

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.8
88	15.7	0.0	32.6

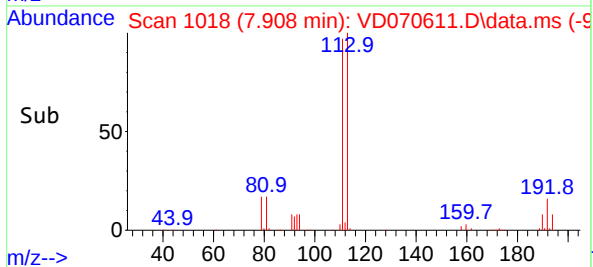
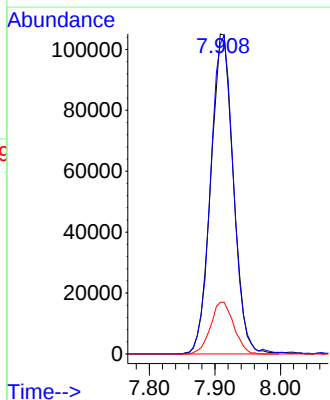
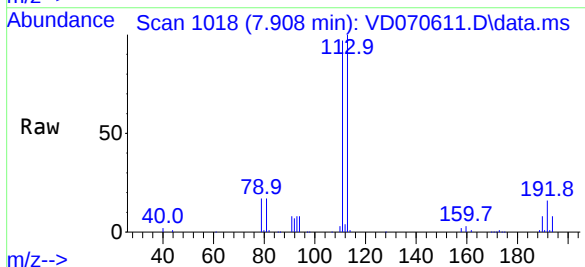


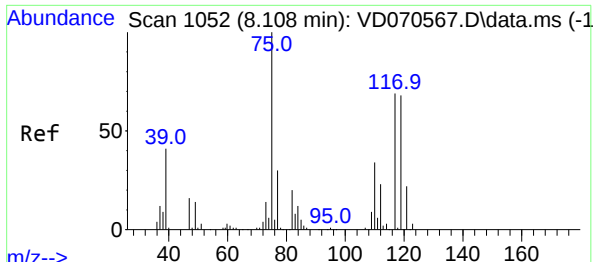
#35

Dibromofluoromethane
Concen: 50.94 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion:113 Resp: 250595

Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.1	124.7
192	16.6	12.7	19.1

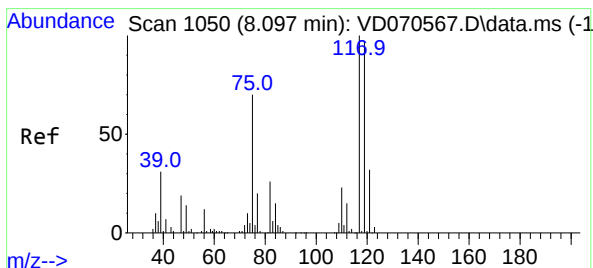
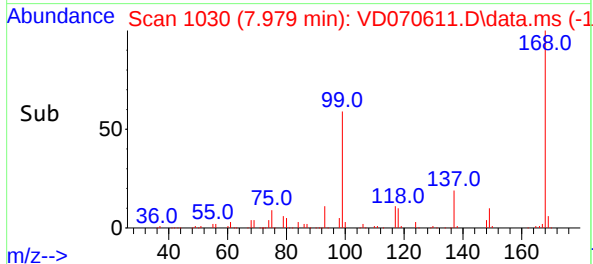
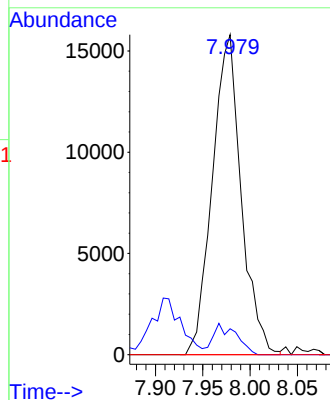
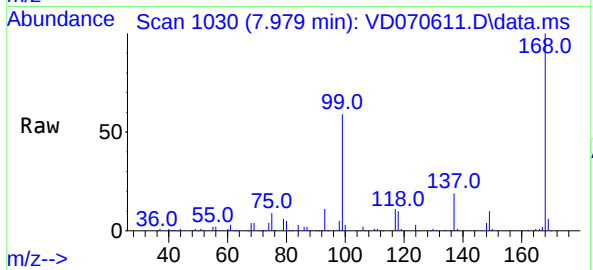




#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

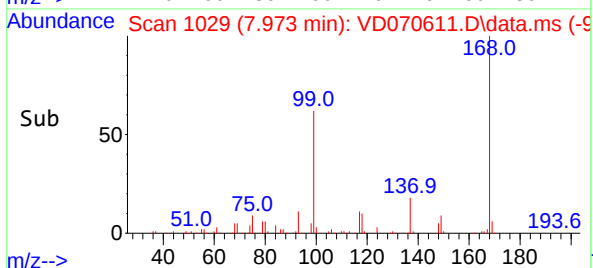
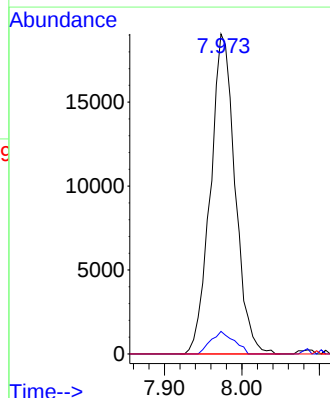
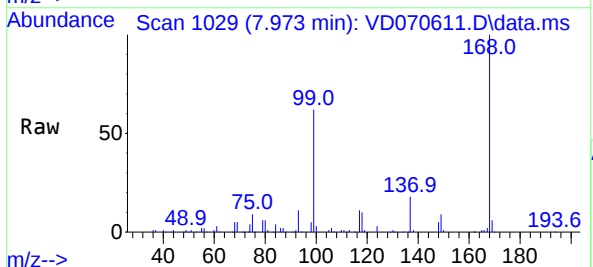
Instrument :
MSVOA_D
ClientSampled :
S-3

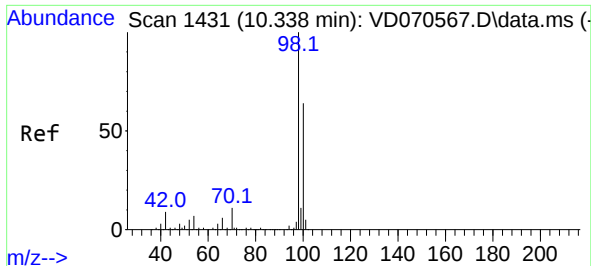
Tgt Ion: 75 Resp: 33518
Ion Ratio Lower Upper
75 100
110 7.9 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.13 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion: 117 Resp: 42195
Ion Ratio Lower Upper
117 100
119 7.0 77.4 116.0#
121 0.0 25.4 38.0#

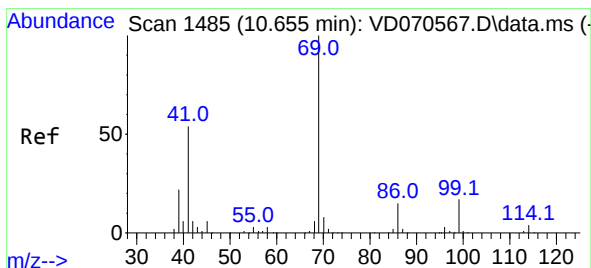
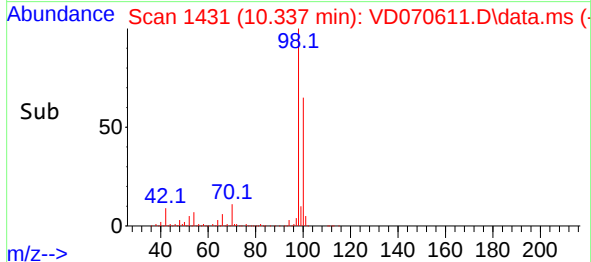
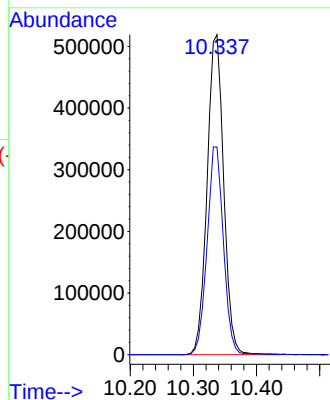
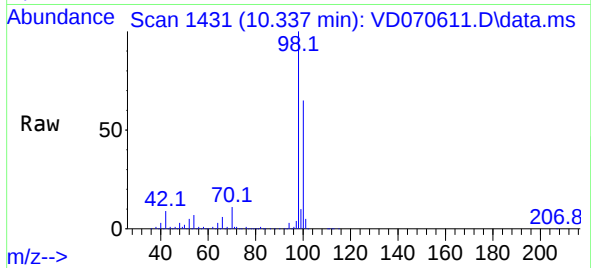




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

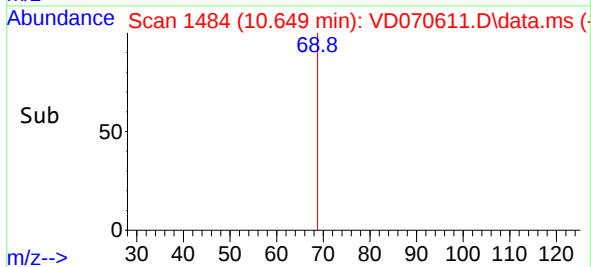
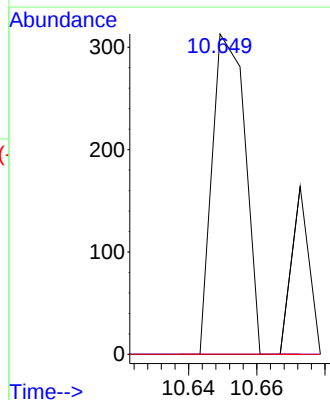
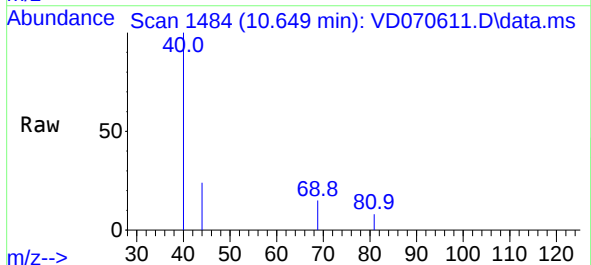
Instrument :
MSVOA_D
ClientSampled :
S-3

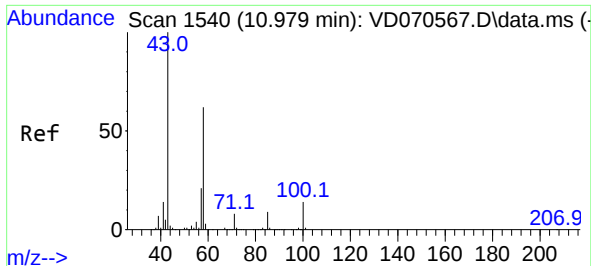
Tgt Ion: 98 Resp: 945525
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.42 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion: 69 Resp: 210
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 0.0 19.5 29.3#

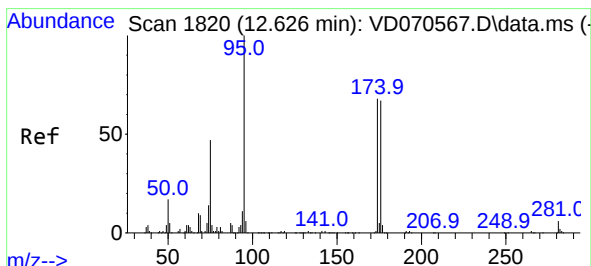
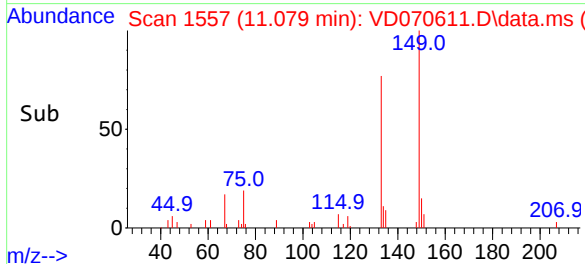
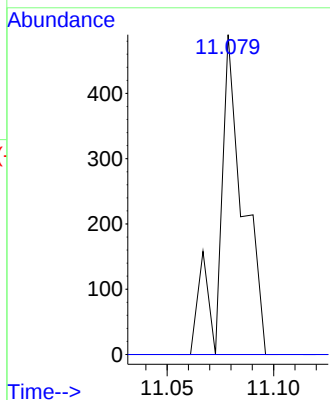
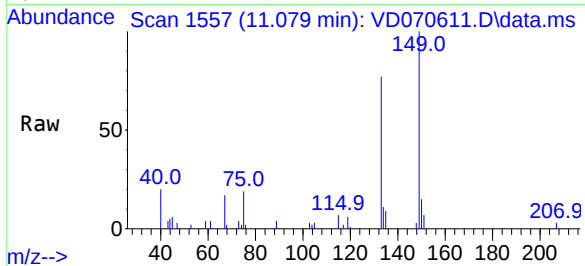




#59
2-Hexanone
Concen: Below Cal
RT: 11.079 min Scan# 1557
Delta R.T. 0.100 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

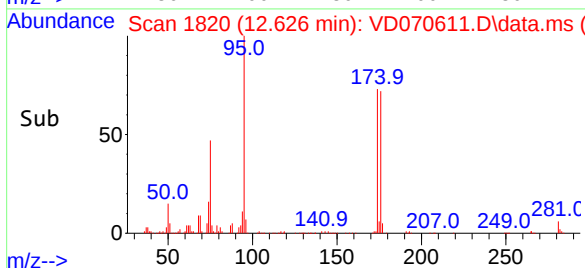
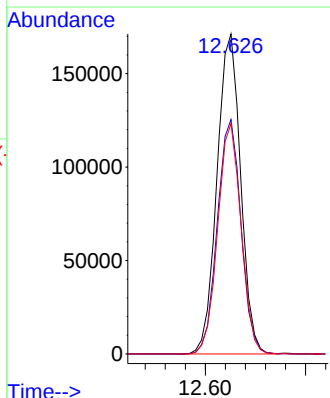
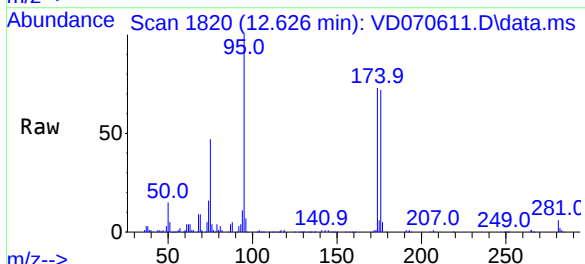
Instrument :
MSVOA_D
ClientSampleId :
S-3

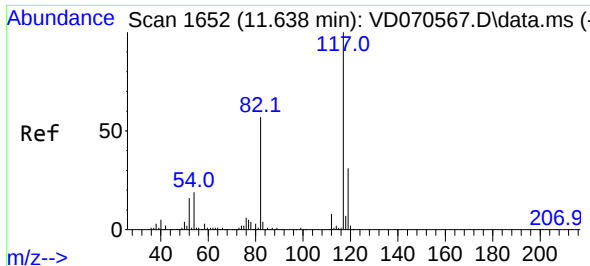
Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion: 95 Resp: 279892
Ion Ratio Lower Upper
95 100
174 73.3 0.0 138.0
176 71.0 0.0 135.6

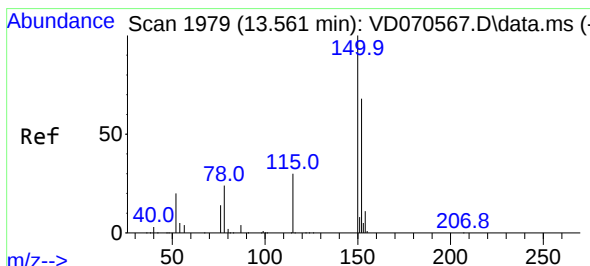
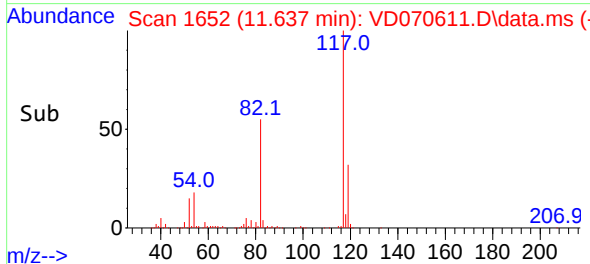
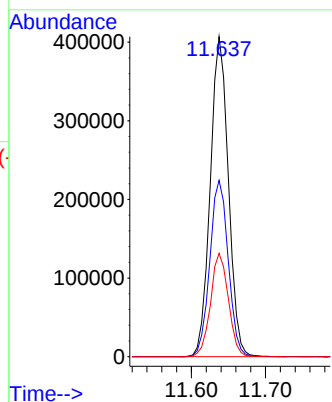
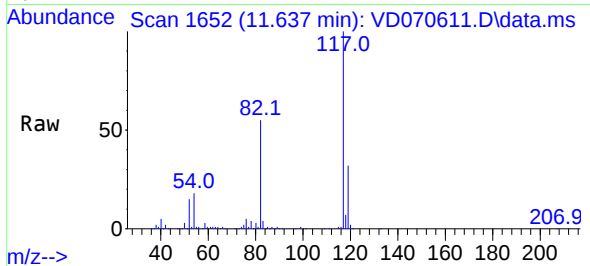




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

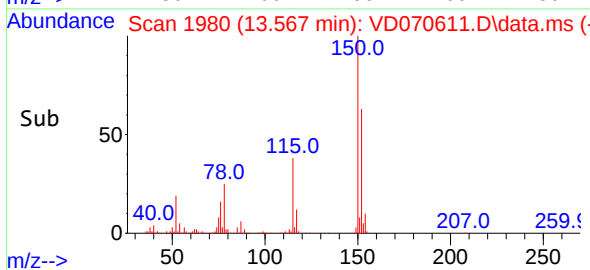
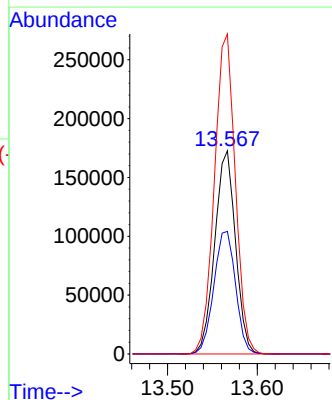
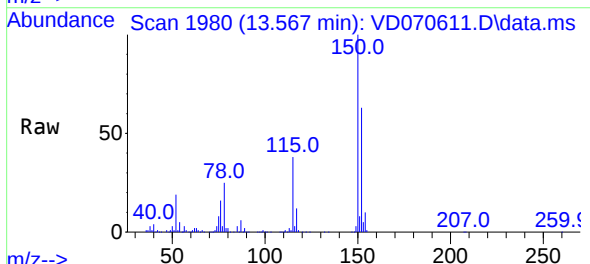
Instrument :
MSVOA_D
ClientSampled :
S-3

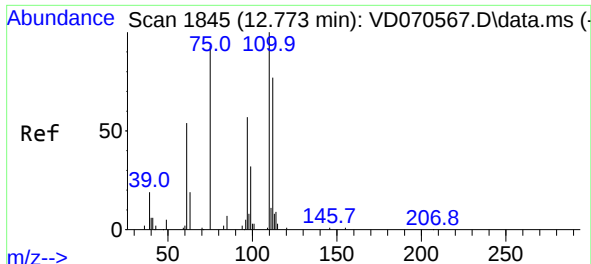
Tgt Ion:	117	Resp:	690114
Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.4	68.2
119	32.3	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion:	152	Resp:	277767
Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.9	95.7
150	158.3	0.0	350.0

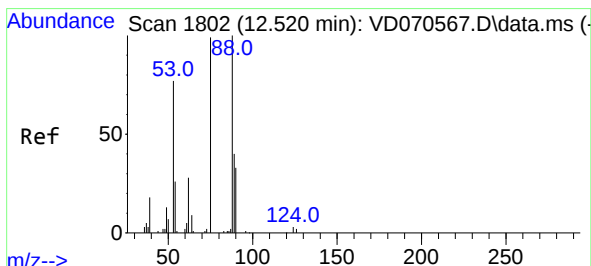
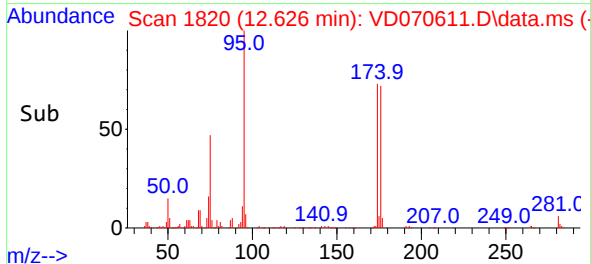
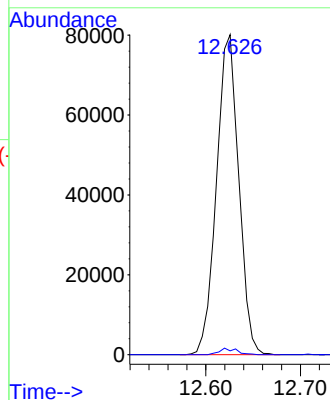
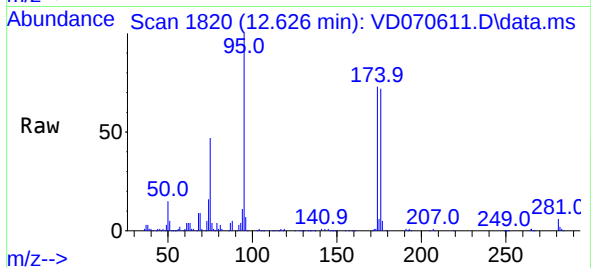




#76
1,2,3-Trichloropropane
Concen: 52.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

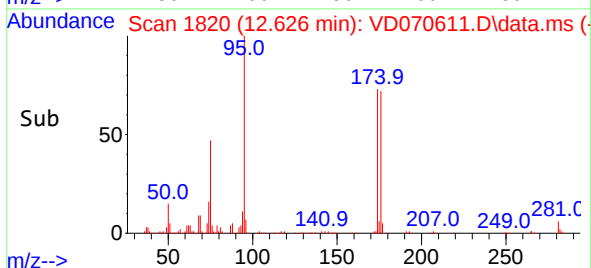
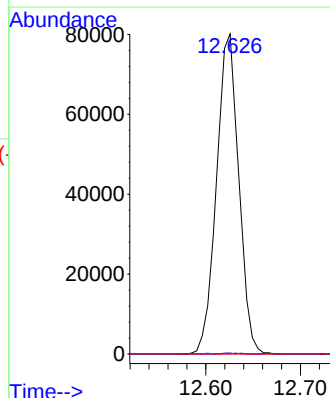
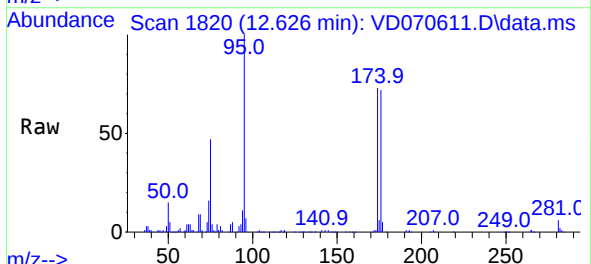
Instrument :
MSVOA_D
ClientSampleId :
S-3

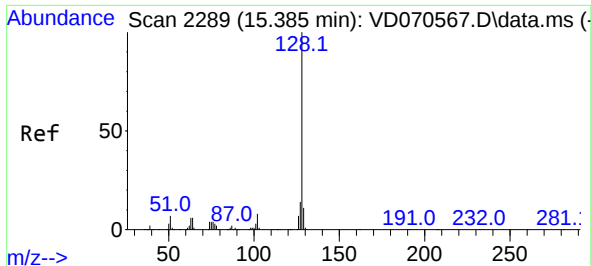
Tgt Ion: 75 Resp: 130790
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.50 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion: 75 Resp: 130790
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.1 35.3 52.9#





#95
Naphthalene
Concen: 2.55 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Instrument :
MSVOA_D
ClientSampleId :
S-3

Tgt Ion:	128	Resp:	576
Ion	Ratio	Lower	Upper
128	100		
127	21.7	10.9	16.3#
129	0.0	8.6	12.8#

