

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070680.D
 Acq On : 12 Oct 2021 15:35
 Operator : VA/SY
 Sample : M4159-19
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T10-4-BOTTOM-GRAB

Quant Time: Oct 13 06:37:01 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)

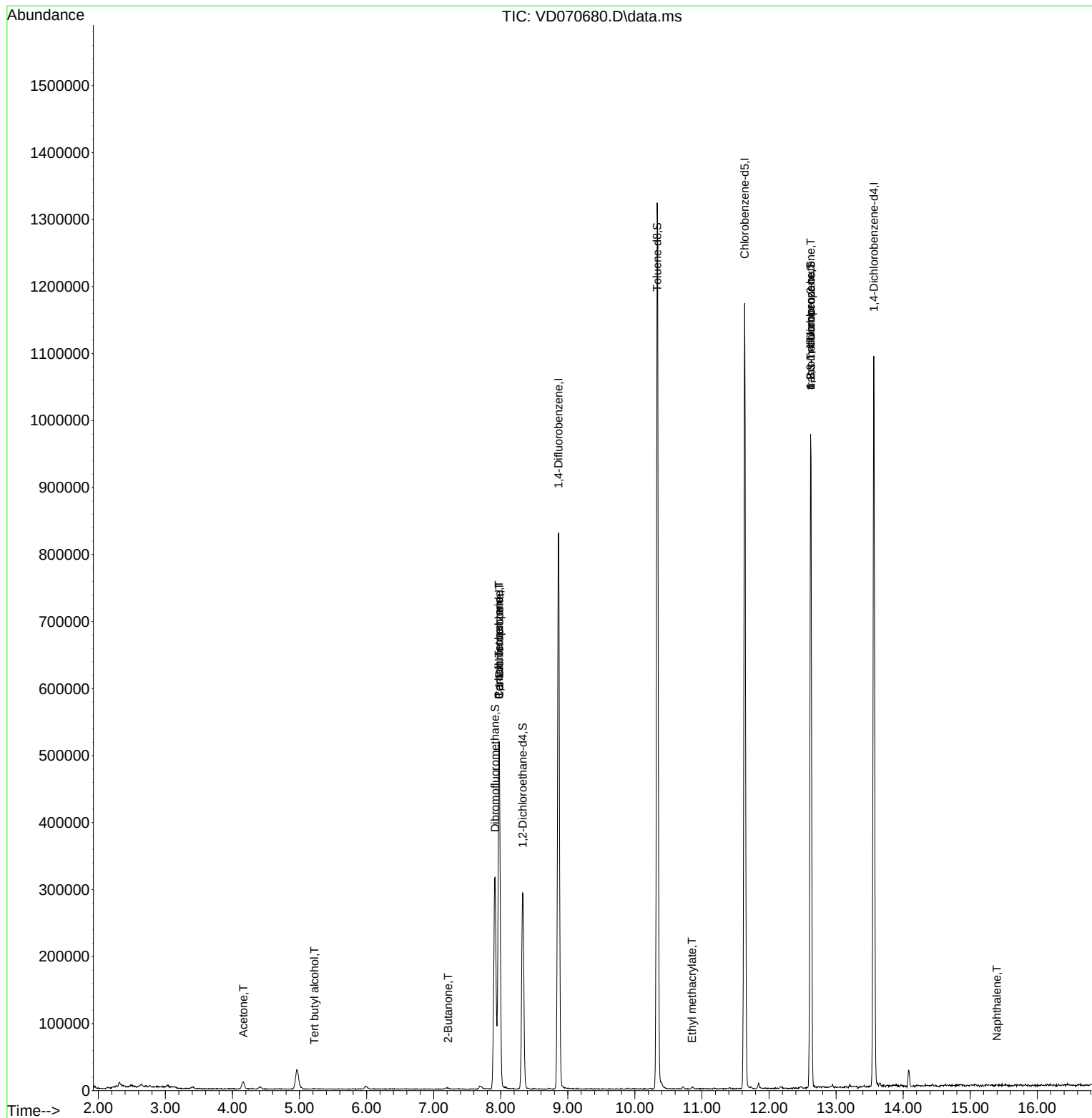
Internal Standards						
1) Pentafluorobenzene	7.973	168	368345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	732160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	700771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	292398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239805	55.319	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.640%			
35) Dibromofluoromethane	7.914	113	239478	49.196	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.400%			
50) Toluene-d8	10.332	98	933120	50.143	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.620	95	308346	49.577	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.160%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	1442	Below Cal	#	58
11) Tert butyl alcohol	5.220	59	908	4.228	ug/l #	83
16) Acetone	4.162	43	19273	26.182	ug/l	96
20) Methylene Chloride	4.956	84	25045	Below Cal		87
25) 2-Butanone	7.214	43	2074	2.152	ug/l	96
36) 1,1-Dichloropropene	7.979	75	30812	3.962	ug/l #	50
38) Carbon Tetrachloride	7.973	117	40073	4.924	ug/l #	18
56) Ethyl methacrylate	10.850	69	56	1.385	ug/l #	1
59) 2-Hexanone	10.955	43	62	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.620	75	149520	56.497	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	149520	125.433	ug/l #	17
95) Naphthalene	15.396	128	192	2.509	ug/l #	69

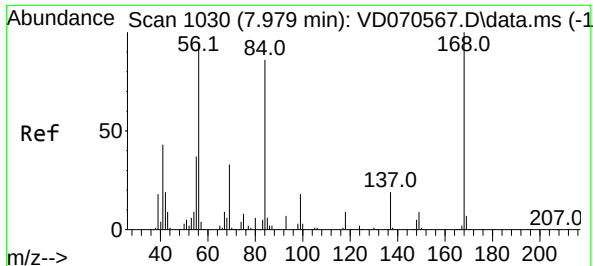
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070680.D
Acq On : 12 Oct 2021 15:35
Operator : VA/SY
Sample : M4159-19
Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

Quant Time: Oct 13 06:37:01 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

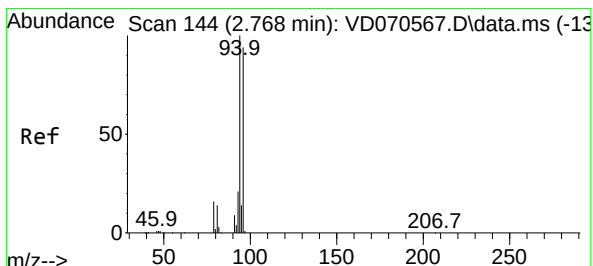
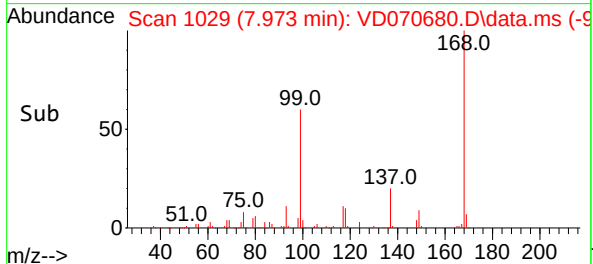
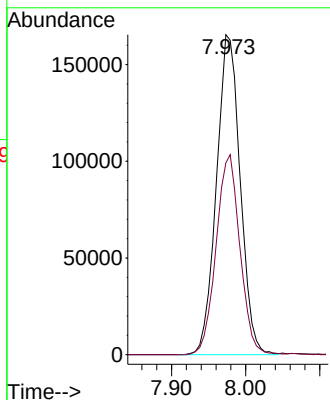
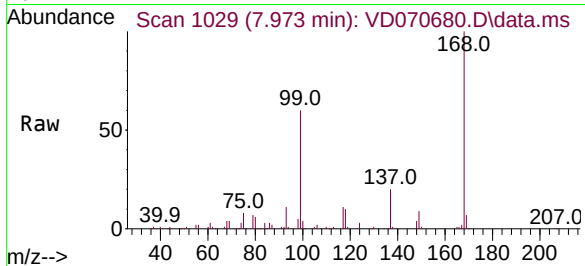




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

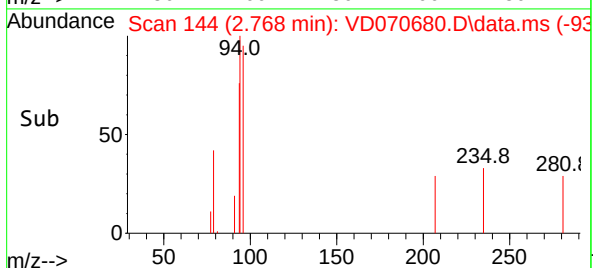
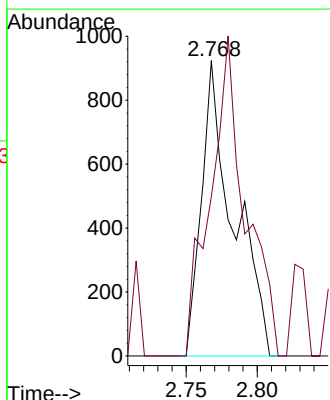
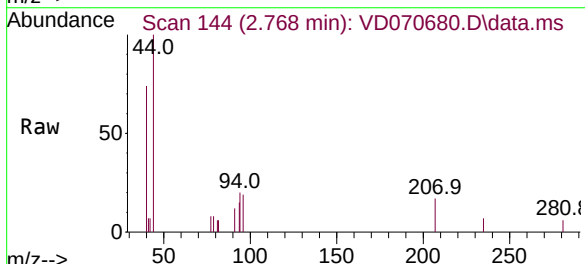
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

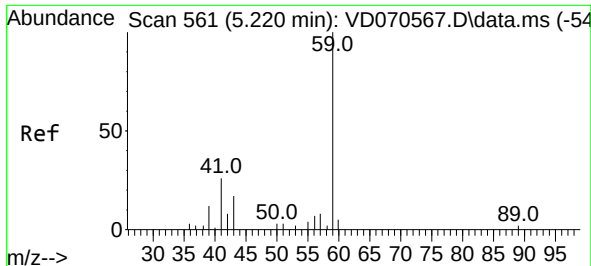
Tgt Ion:168 Resp: 368345
Ion Ratio Lower Upper
168 100
99 59.9 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion: 94 Resp: 1442
Ion Ratio Lower Upper
94 100
96 53.9 75.5 113.3#



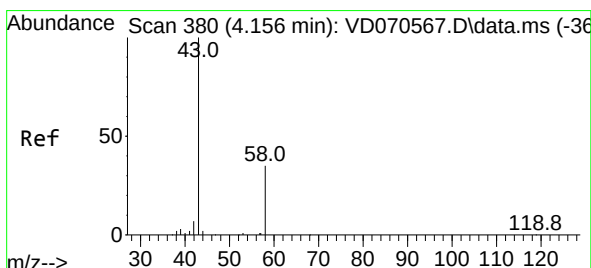
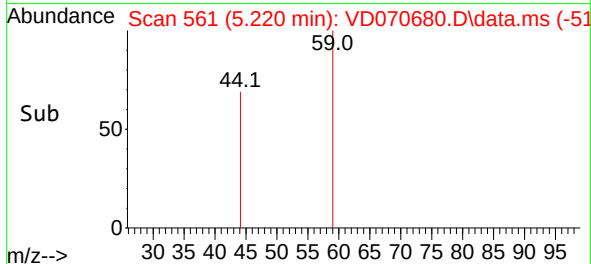
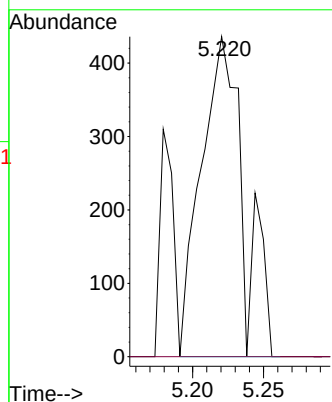
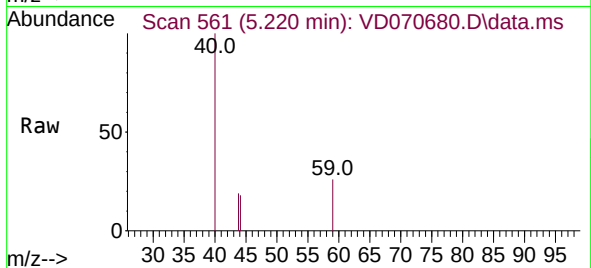


#11

Tert butyl alcohol
Concen: 4.228 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

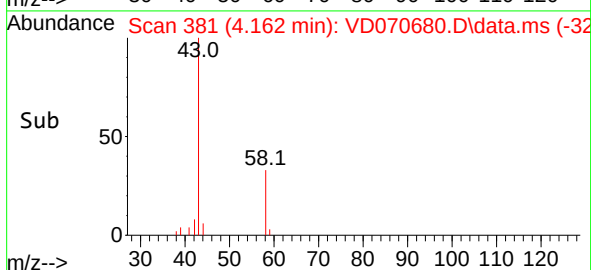
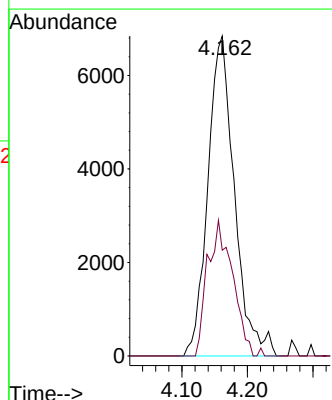
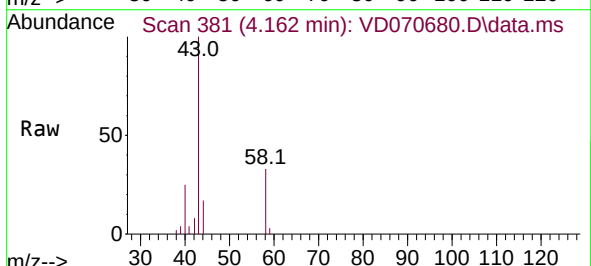
Tgt Ion: 59 Resp: 908
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

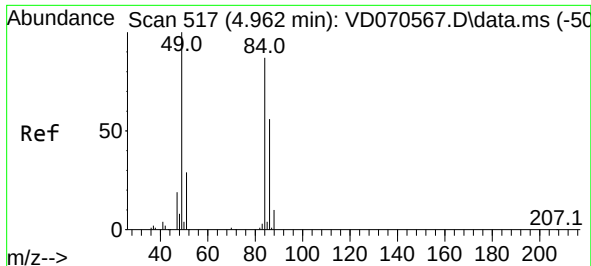


#16

Acetone
Concen: 26.182 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

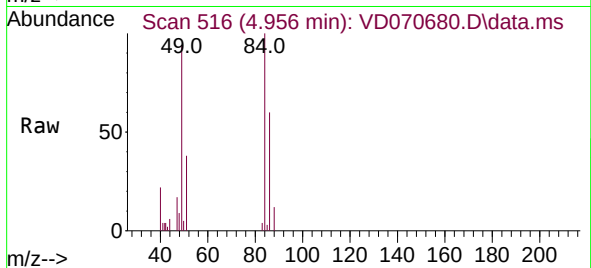
Tgt Ion: 43 Resp: 19273
Ion Ratio Lower Upper
43 100
58 33.0 28.2 42.2



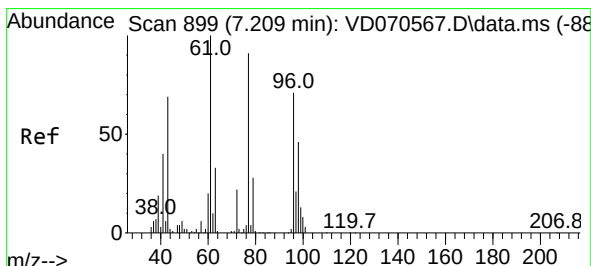
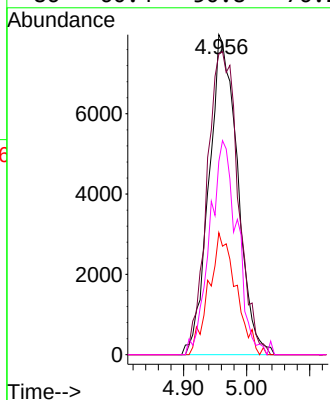
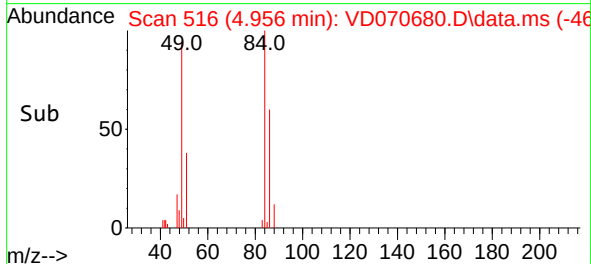


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

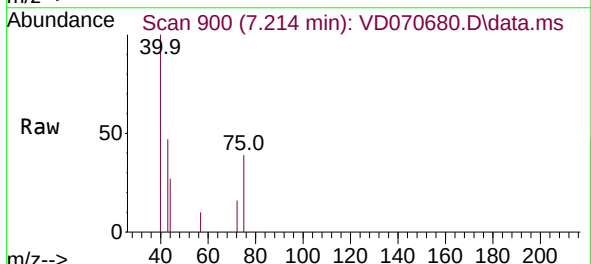
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB



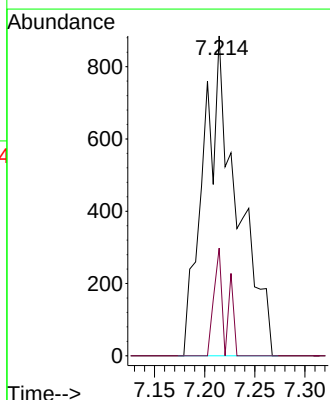
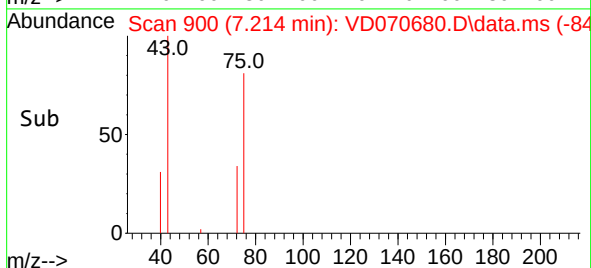
Tgt Ion:	84	Resp:	25045
Ion	Ratio	Lower	Upper
84	100		
49	93.9	91.4	137.2
51	38.1	26.7	40.1
86	60.4	50.8	76.2

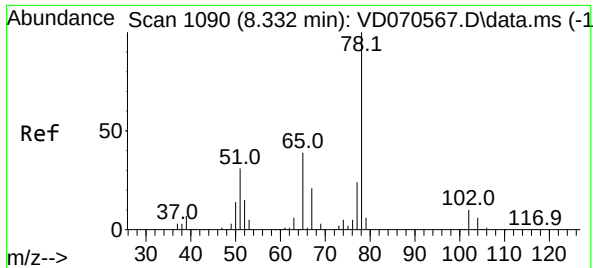


#25
2-Butanone
Concen: 2.152 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35



Tgt Ion:	43	Resp:	2074
Ion	Ratio	Lower	Upper
43	100		
72	33.7	25.2	37.8

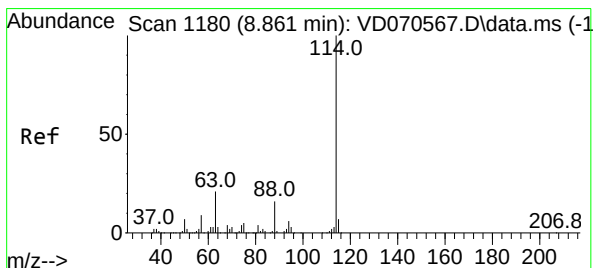
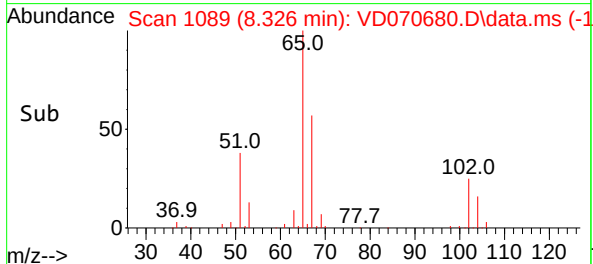
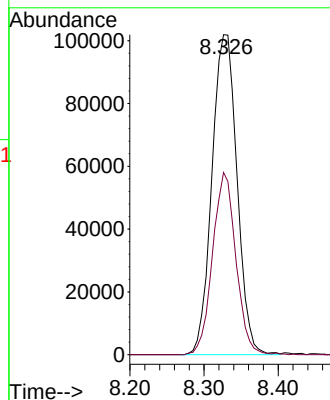
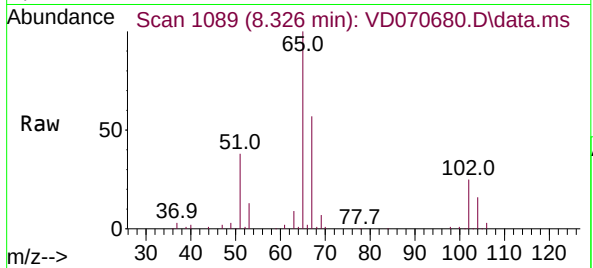




#33
1,2-Dichloroethane-d4
Concen: 55.319 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

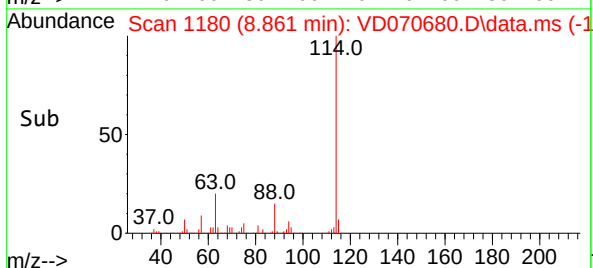
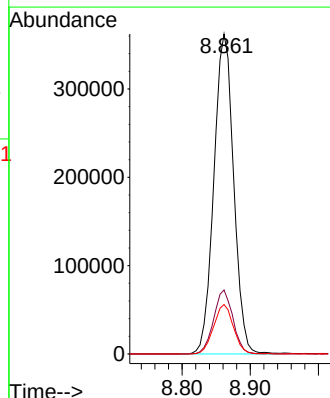
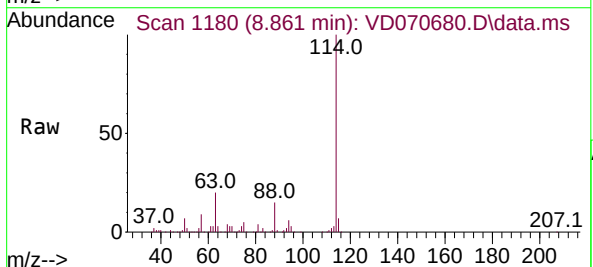
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

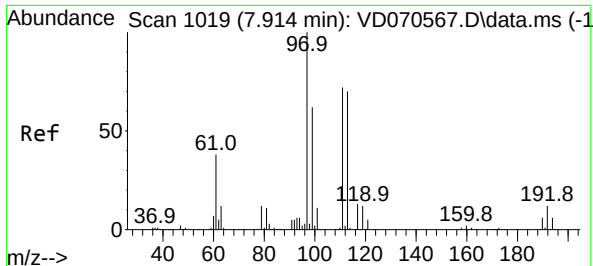
Tgt Ion: 65 Resp: 239805
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion: 114 Resp: 732160
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.8
88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.196 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070680.D

Acq: 12 Oct 2021 15:35

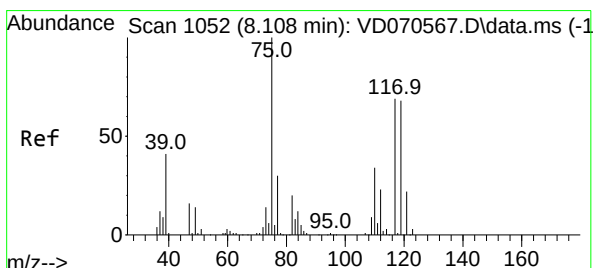
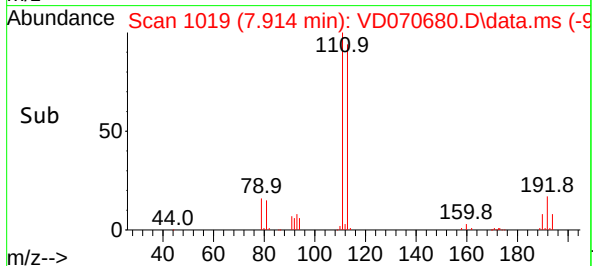
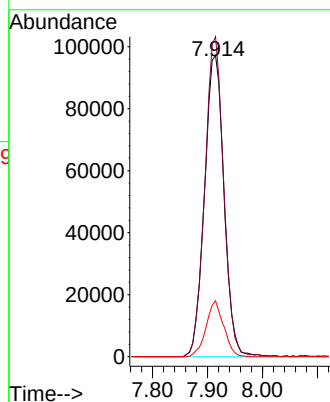
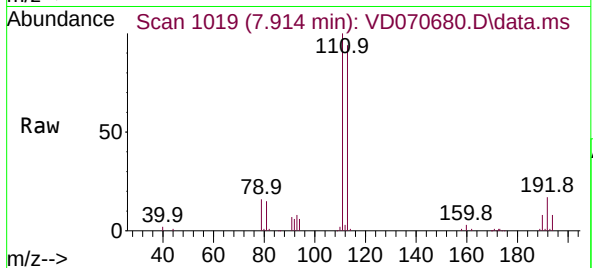
Tgt Ion:113 Resp: 239478

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 3.962 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070680.D

Acq: 12 Oct 2021 15:35

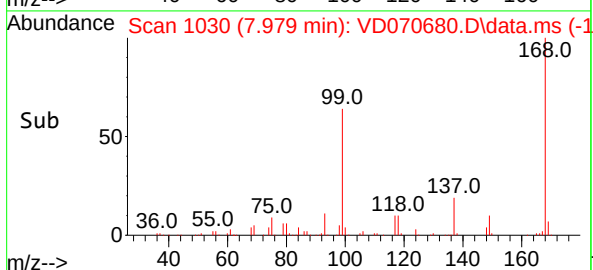
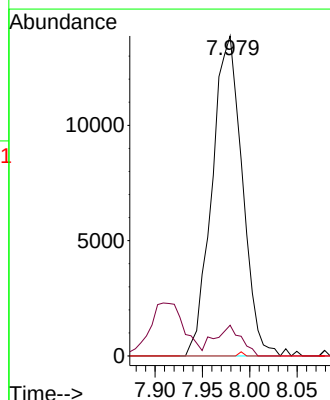
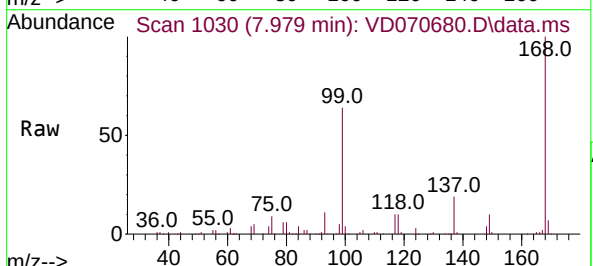
Tgt Ion: 75 Resp: 30812

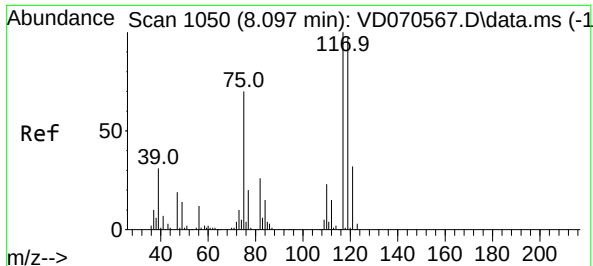
Ion Ratio Lower Upper

75 100

110 8.3 17.2 51.6#

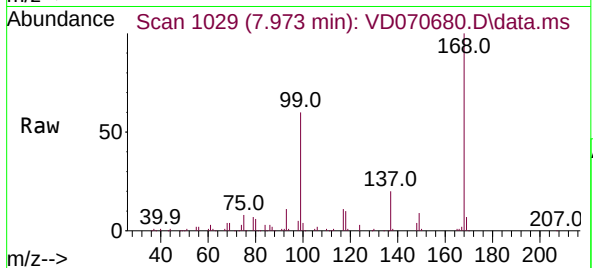
77 0.2 24.2 36.4#



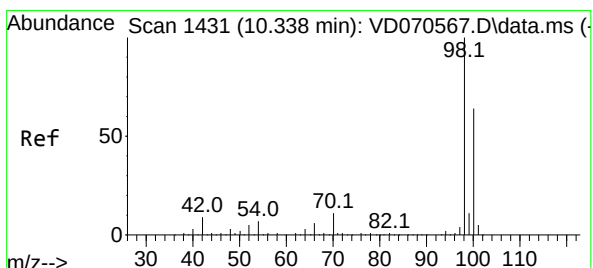
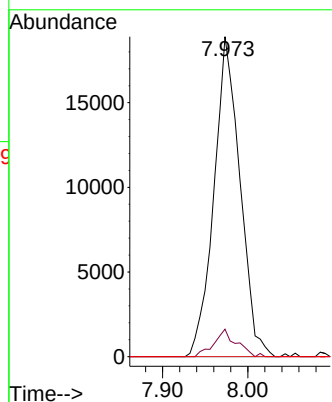
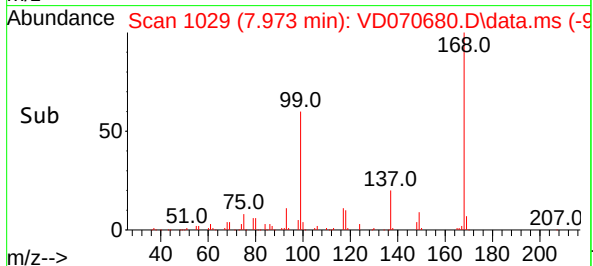


#38
Carbon Tetrachloride
Concen: 4.924 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

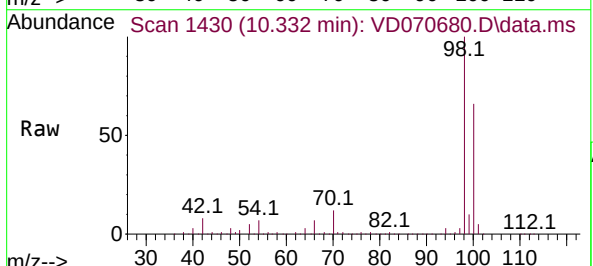
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB



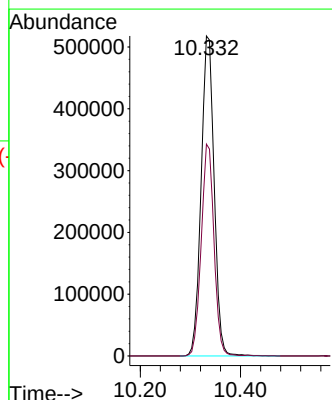
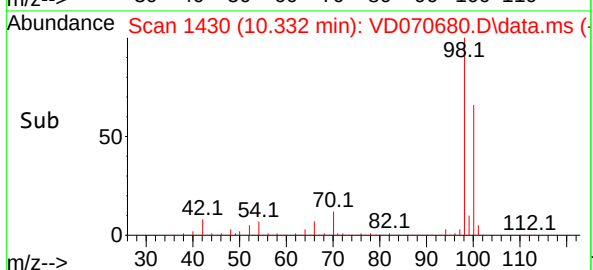
Tgt Ion:117 Resp: 40073
Ion Ratio Lower Upper
117 100
119 8.6 77.4 116.0#
121 0.0 25.4 38.0#

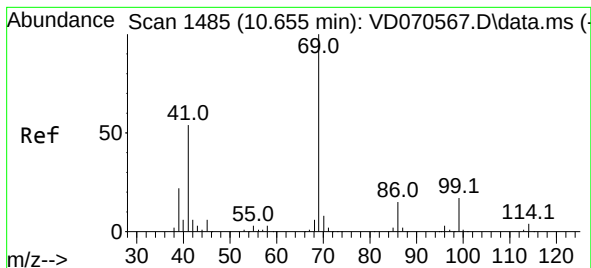


#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35



Tgt Ion: 98 Resp: 933120
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

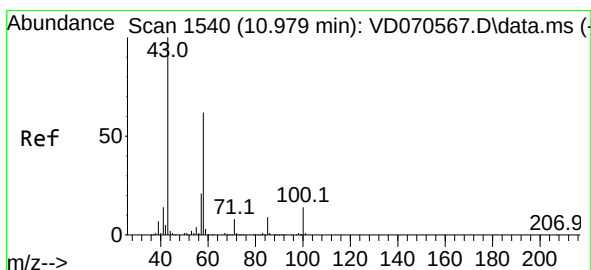
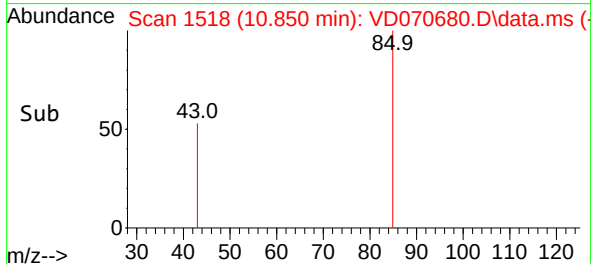
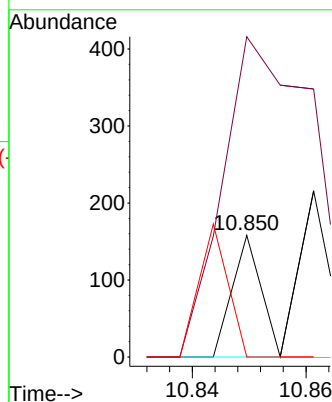
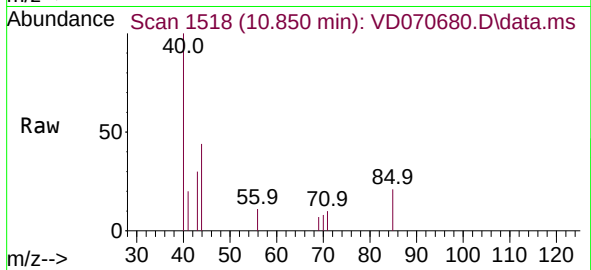




#56
Ethyl methacrylate
Concen: 1.385 ug/l
RT: 10.850 min Scan# 1518
Delta R.T. 0.195 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

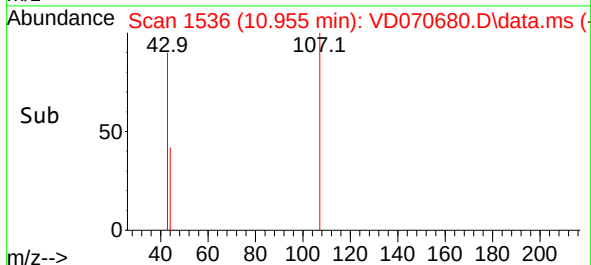
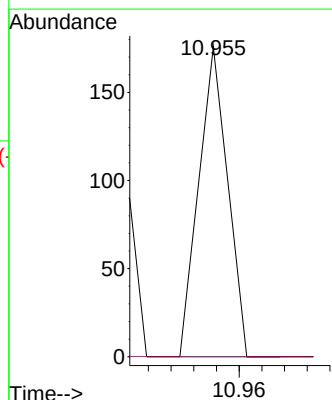
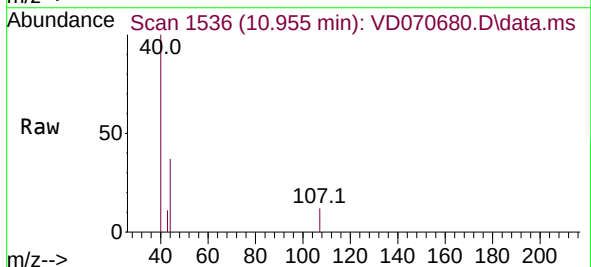
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

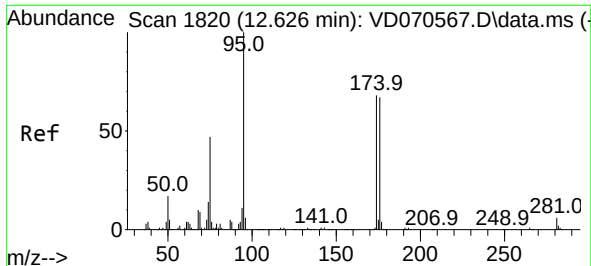
Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 912.5 44.7 67.1#
39 108.9 19.5 29.3#



#59
2-Hexanone
Concen: Below Cal
RT: 10.955 min Scan# 1536
Delta R.T. -0.024 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#

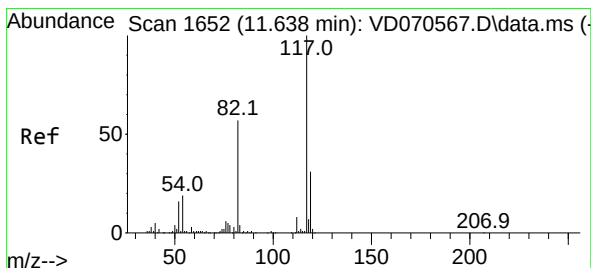
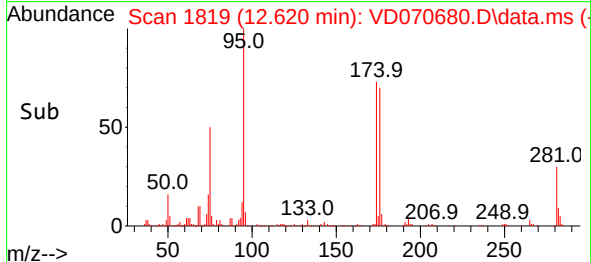
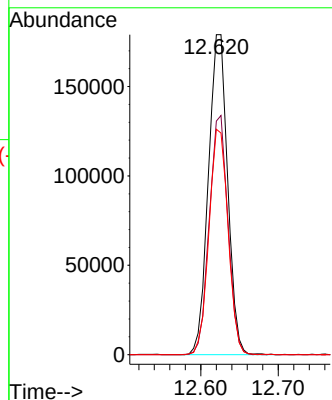
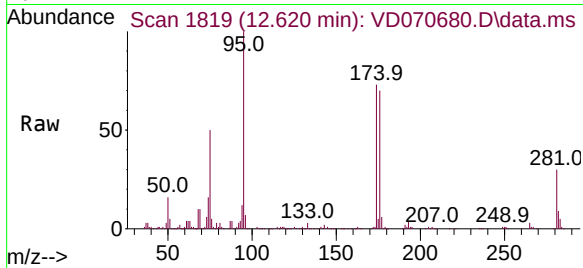




#62
4-Bromofluorobenzene
Concen: 49.577 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

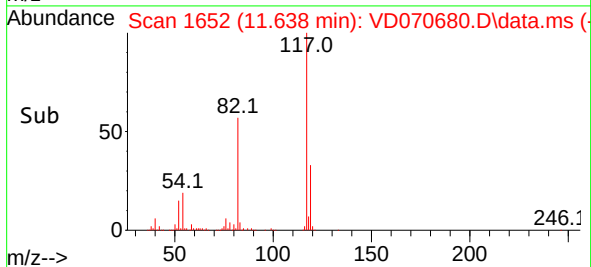
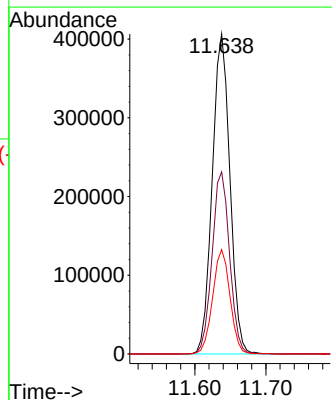
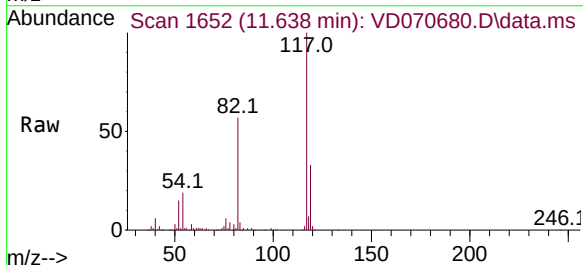
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

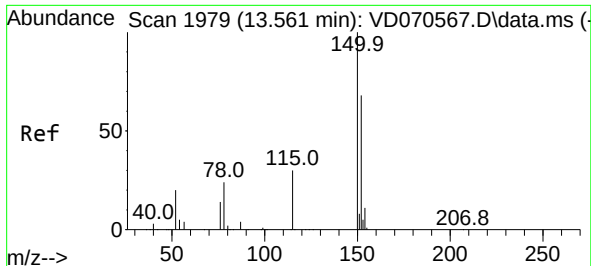
Tgt Ion: 95 Resp: 308346
Ion Ratio Lower Upper
95 100
174 72.7 0.0 138.0
176 69.7 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion: 117 Resp: 700771
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 32.6 24.7 37.1

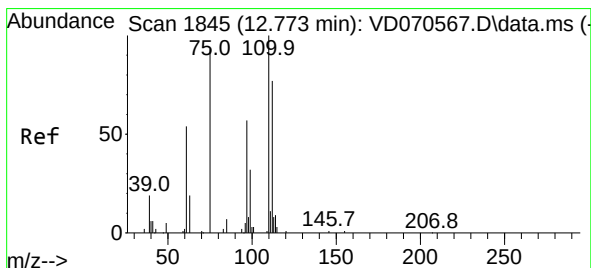
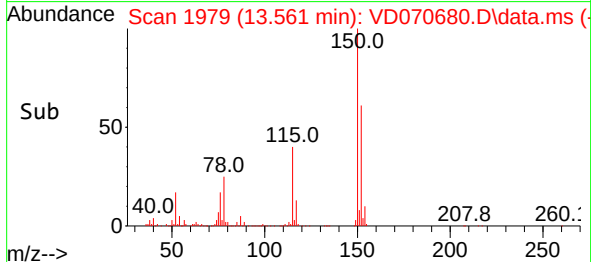
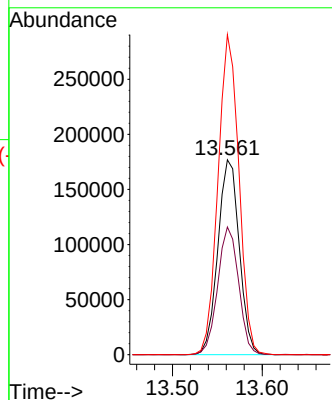
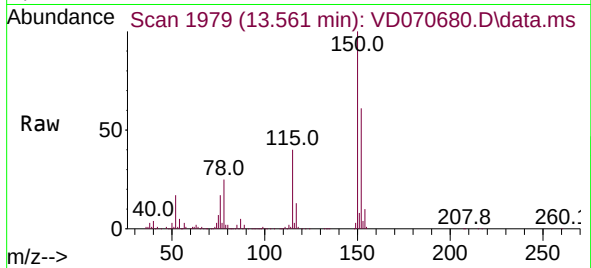




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070680.D
 Acq: 12 Oct 2021 15:35

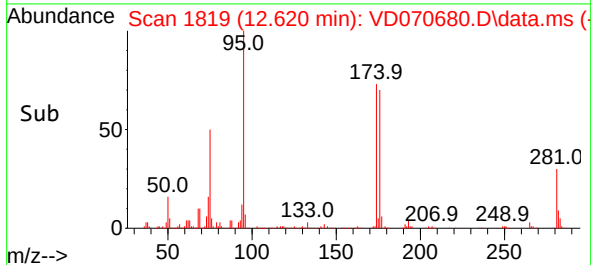
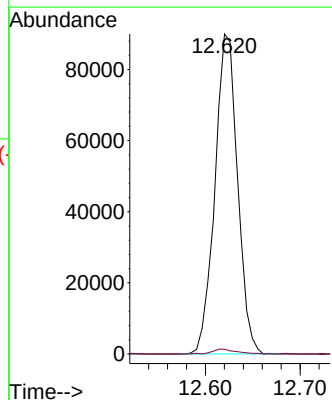
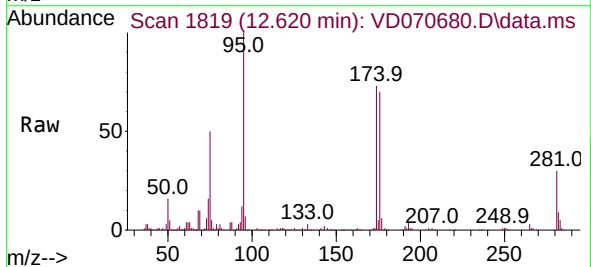
Instrument :
 MSVOA_D
 ClientSampleId :
 T10-4-BOTTOM-GRAB

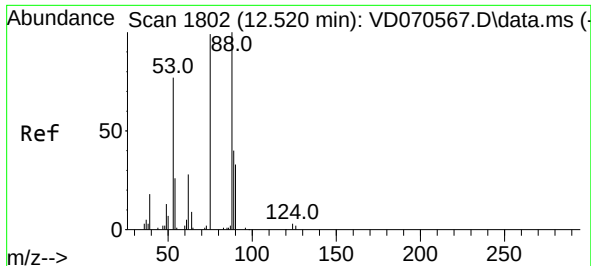
Tgt Ion:152 Resp: 292398
 Ion Ratio Lower Upper
 152 100
 115 64.2 31.9 95.7
 150 160.3 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 56.497 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070680.D
 Acq: 12 Oct 2021 15:35

Tgt Ion: 75 Resp: 149520
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

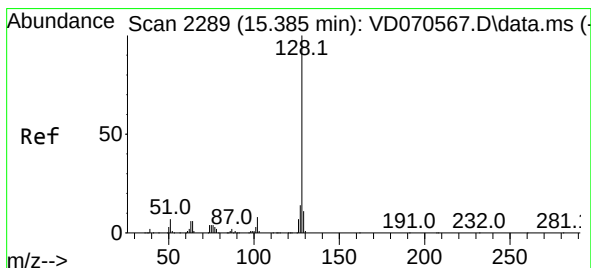
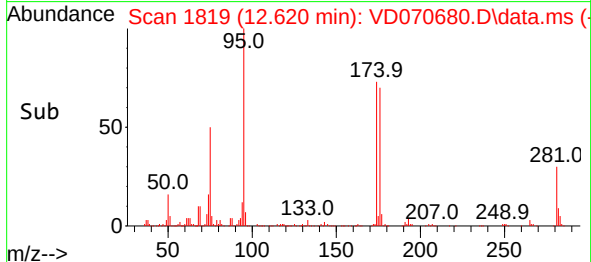
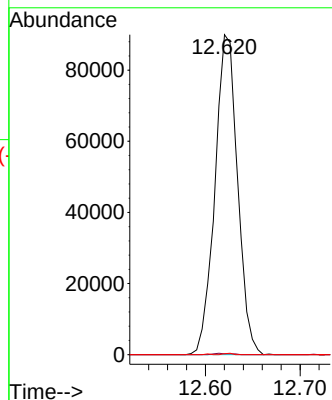
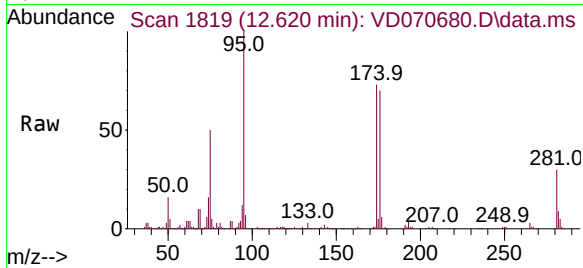




#81
trans-1,4-Dichloro-2-butene
Concen: 125.433 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

Tgt Ion: 75 Resp: 149520
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.2 35.3 52.9#



#95
Naphthalene
Concen: 2.509 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.011 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion:128 Resp: 192
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

