

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069158.D
 Acq On : 13 May 2021 15:40
 Operator : VA/SY
 Sample : M2372-01
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24702

Quant Time: May 14 01:22:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

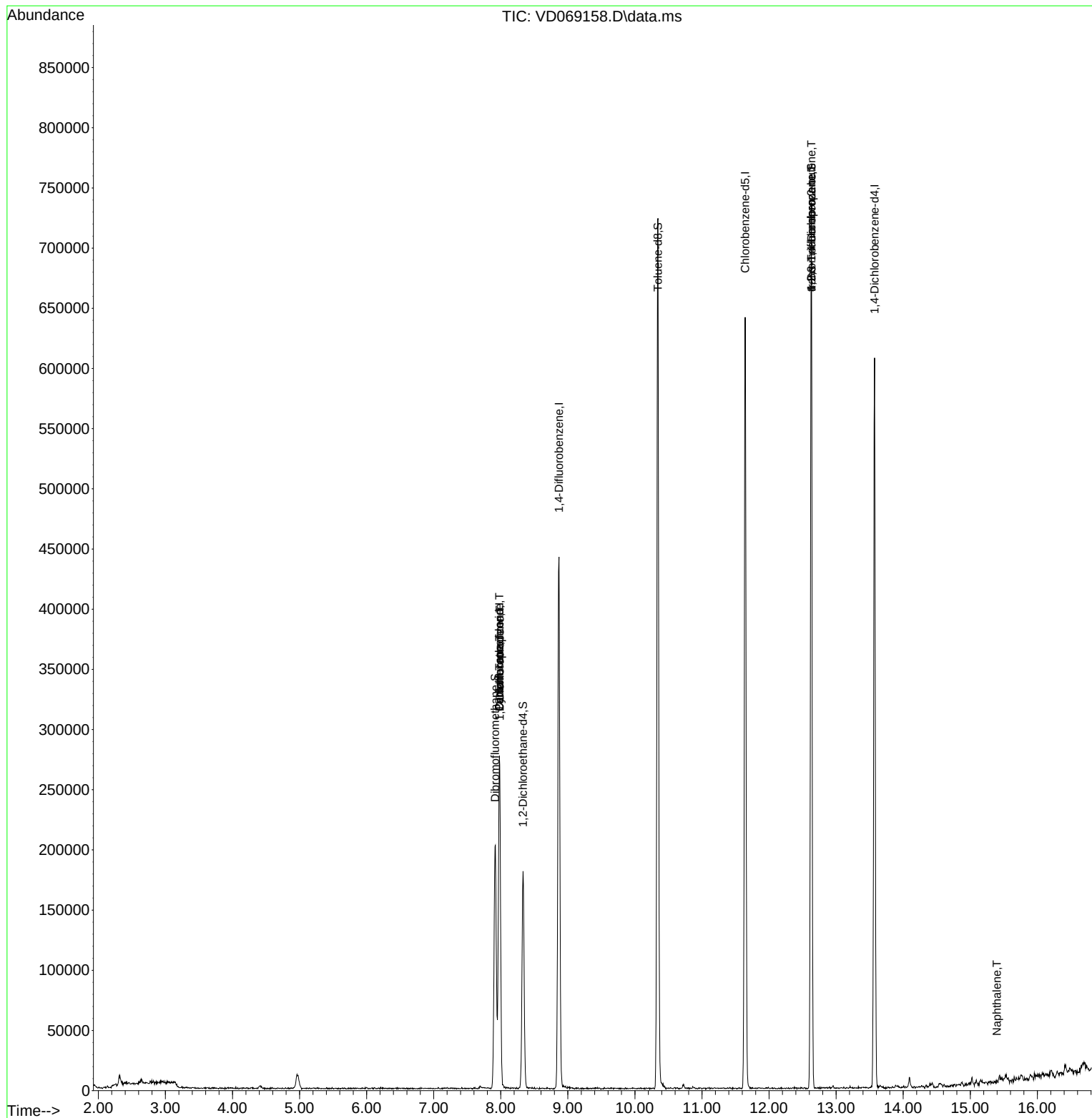
Internal Standards						
1) Pentafluorobenzene	7.979	168	204622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	396708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	381349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	162242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139912	68.21	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.42%			
35) Dibromofluoromethane	7.914	113	145636	56.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.82%			
50) Toluene-d8	10.344	98	505496	53.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.58%			
62) 4-Bromofluorobenzene	12.632	95	156155	51.16	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.32%			
Target Compounds						
11) Tert butyl alcohol	5.220	59	53	Below Cal	#	73
20) Methylene Chloride	4.961	84	9900	Below Cal	#	80
31) Cyclohexane	7.979	56	4520	1.49 ug/l	#	1
36) 1,1-Dichloropropene	7.985	75	16514	4.28 ug/l	#	45
38) Carbon Tetrachloride	7.979	117	21461	4.98 ug/l	#	14
76) 1,2,3-Trichloropropane	12.632	75	82986	68.04 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	82986	137.45 ug/l	#	14
95) Naphthalene	15.396	128	203	2.08 ug/l	#	69

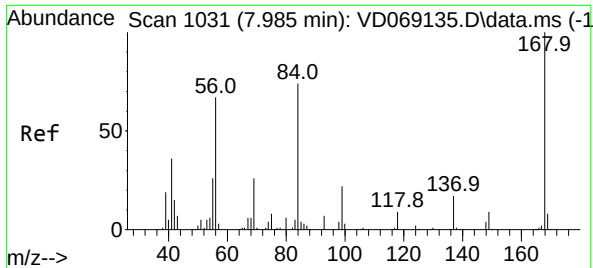
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
Data File : VD069158.D
Acq On : 13 May 2021 15:40
Operator : VA/SY
Sample : M2372-01
Misc : 6.18G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

Quant Time: May 14 01:22:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

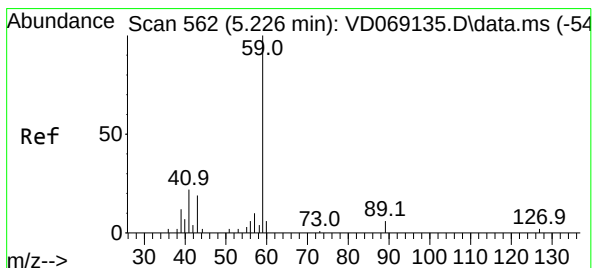
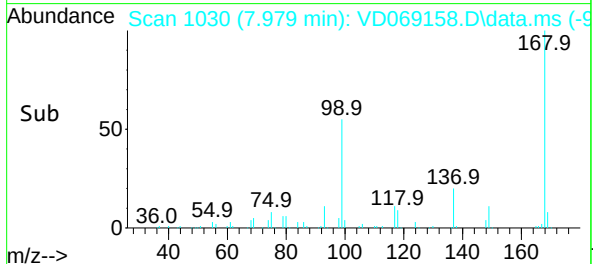
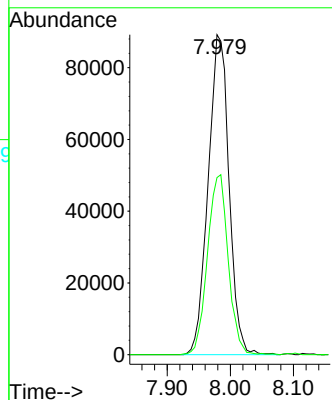
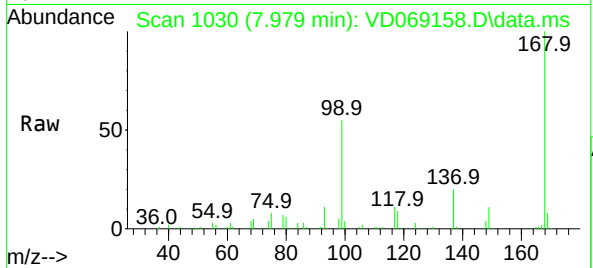




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

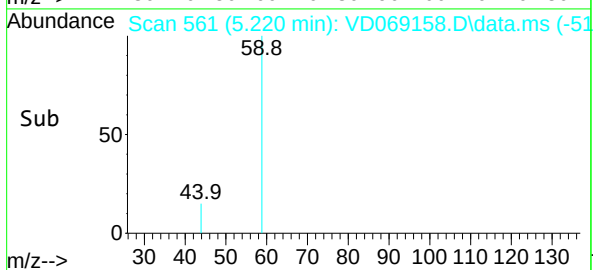
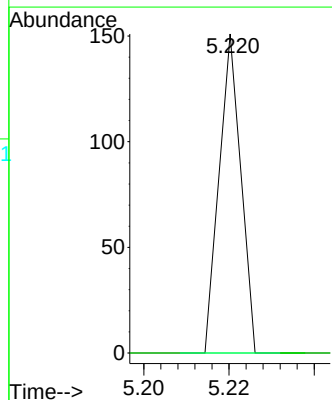
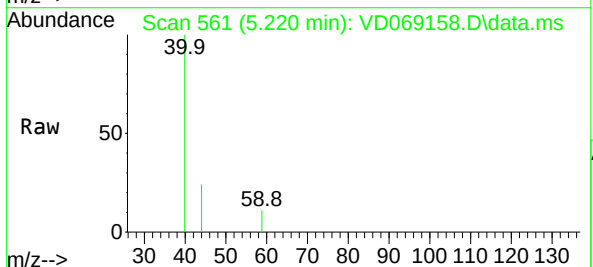
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

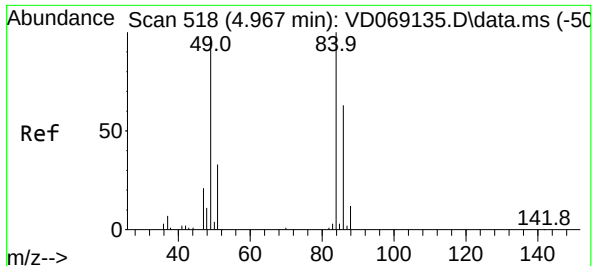
Tgt Ion:168 Resp: 204622
Ion Ratio Lower Upper
168 100
99 55.4 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. -0.006 min

Lab File: VD069158.D

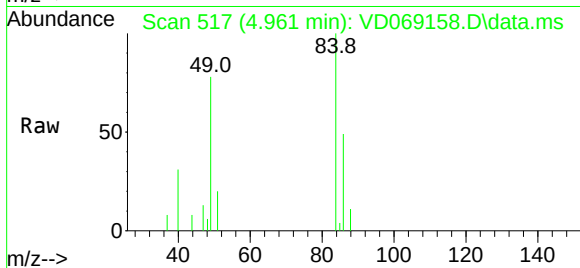
Acq: 13 May 2021 15:40

Instrument :

MSVOA_D

ClientSampleId :

CHRT-24702



Tgt Ion: 84 Resp: 9900

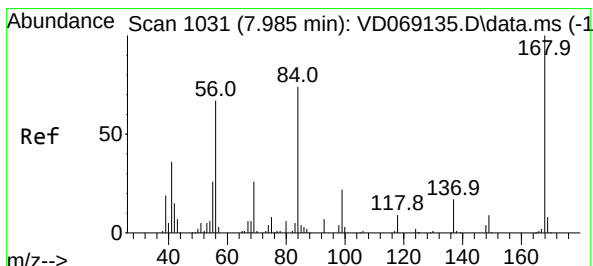
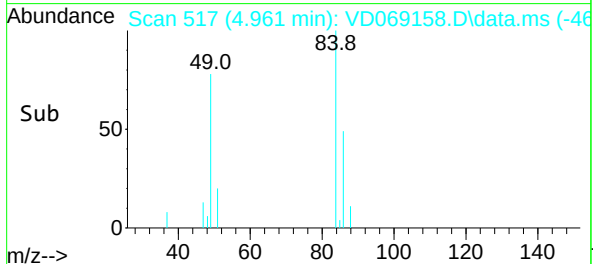
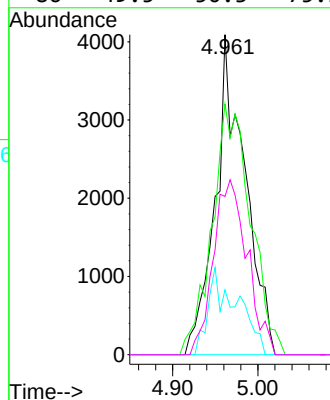
Ion Ratio Lower Upper

84 100

49 78.3 78.6 117.8#

51 20.3 26.7 40.1#

86 49.5 50.3 75.5#



#31

Cyclohexane

Concen: 1.49 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD069158.D

Acq: 13 May 2021 15:40

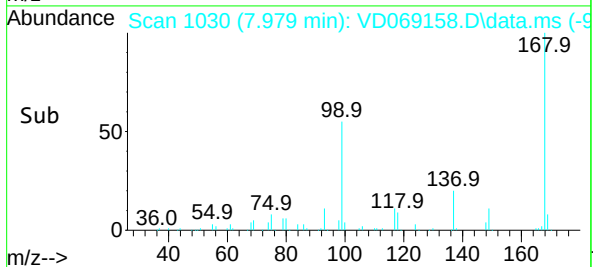
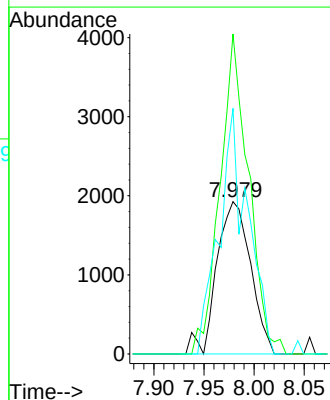
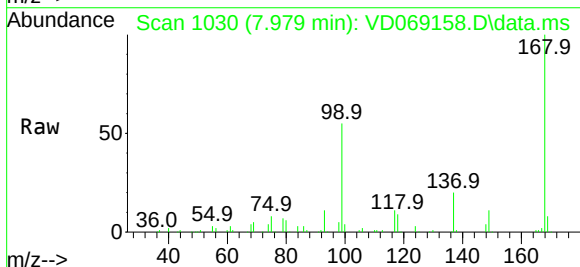
Tgt Ion: 56 Resp: 4520

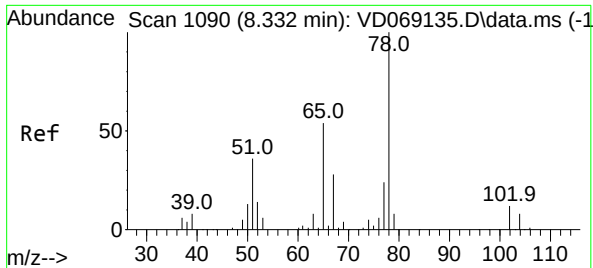
Ion Ratio Lower Upper

56 100

69 210.0 30.6 46.0#

84 161.2 88.0 132.0#

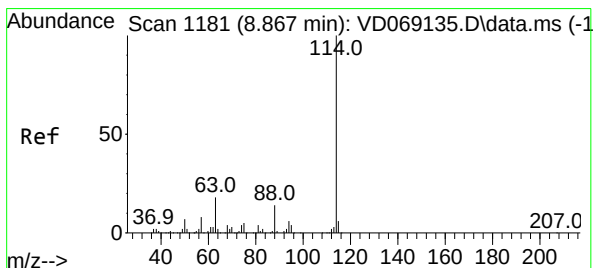
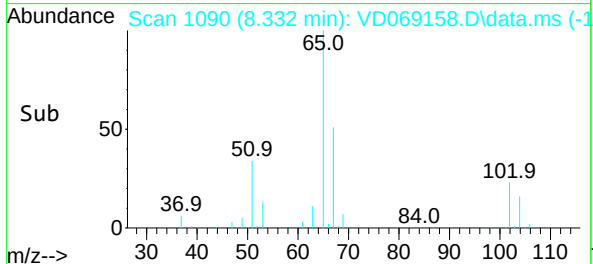
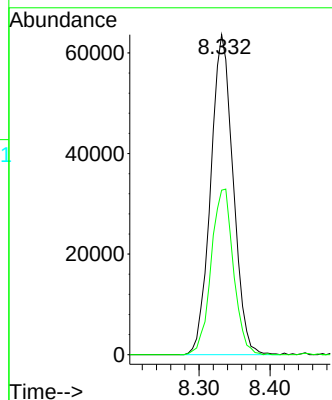
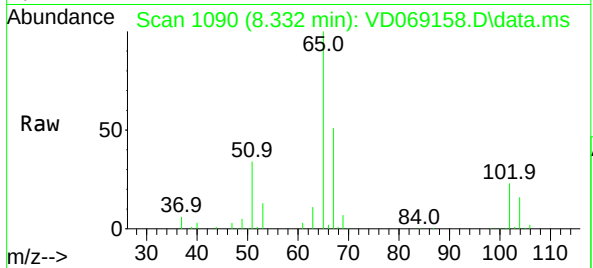




#33
1,2-Dichloroethane-d4
Concen: 68.21 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

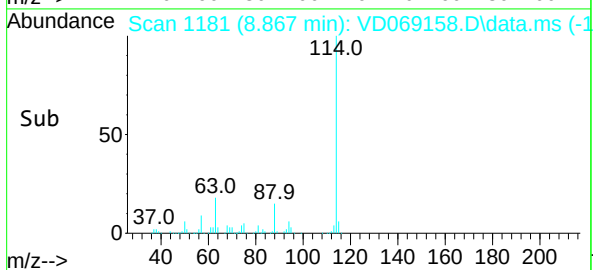
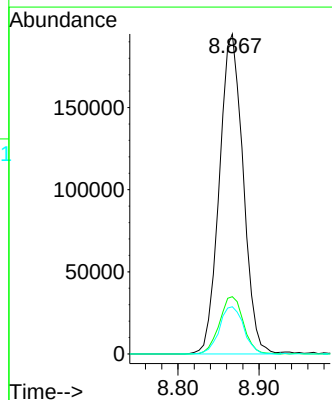
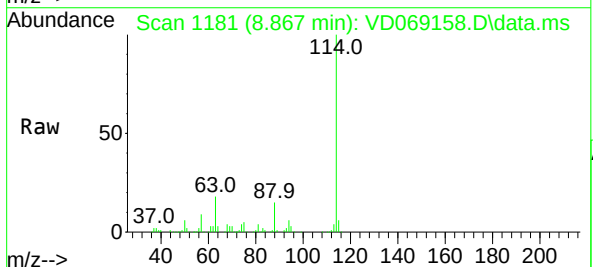
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

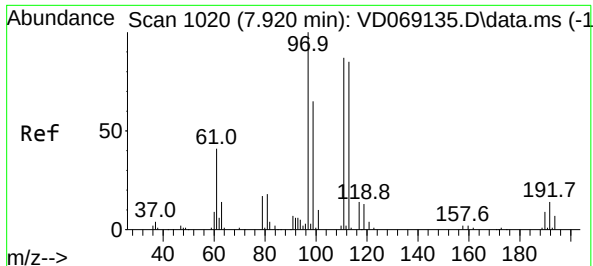
Tgt Ion: 65 Resp: 139912
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion: 114 Resp: 396708
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.4
88 14.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 56.41 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069158.D

Acq: 13 May 2021 15:40

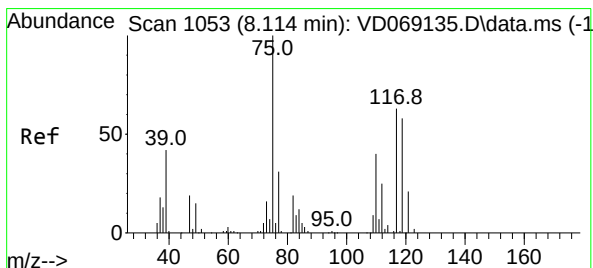
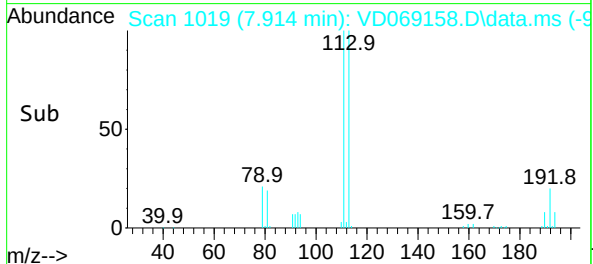
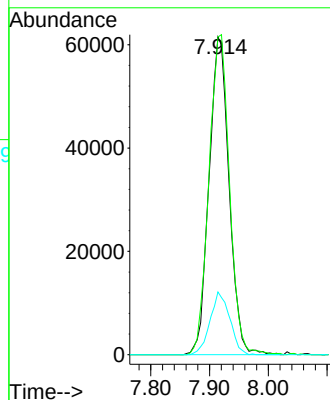
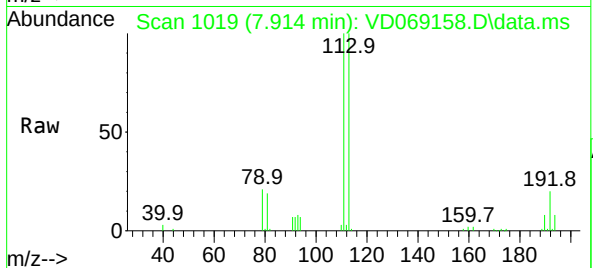
Tgt Ion:113 Resp: 145636

Ion Ratio Lower Upper

113 100

111 103.2 80.6 120.8

192 19.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.28 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD069158.D

Acq: 13 May 2021 15:40

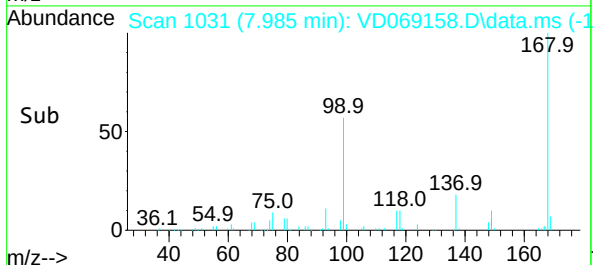
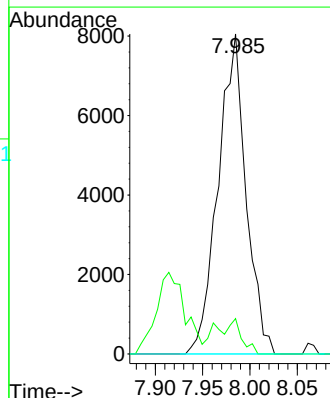
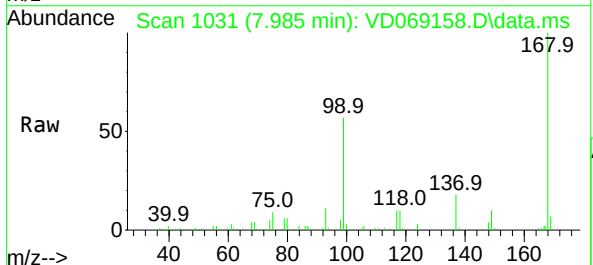
Tgt Ion: 75 Resp: 16514

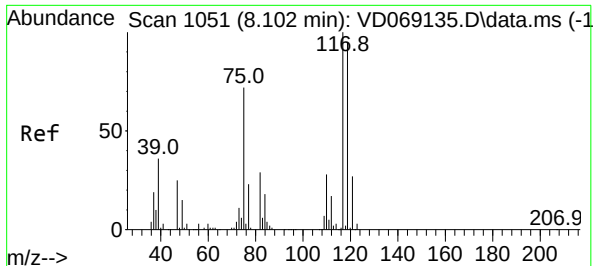
Ion Ratio Lower Upper

75 100

110 5.2 18.8 56.4#

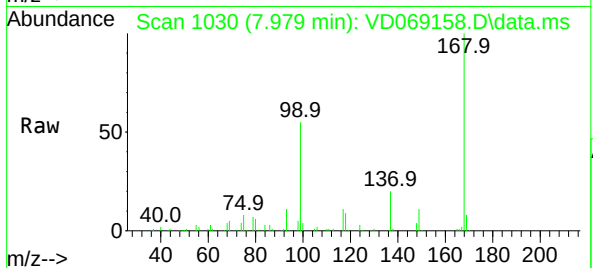
77 0.0 25.2 37.8#



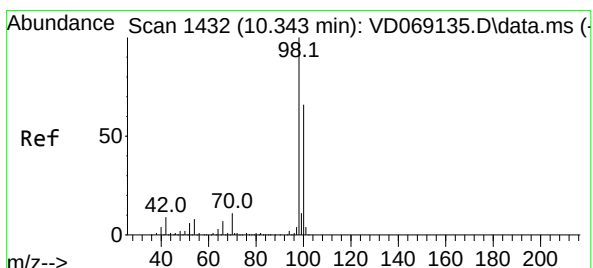
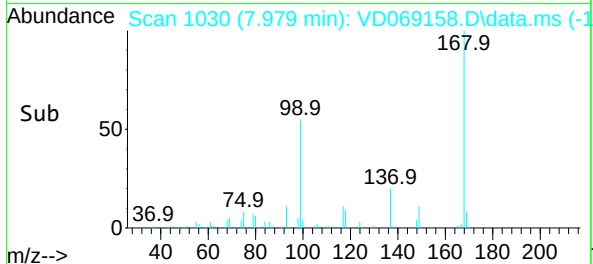
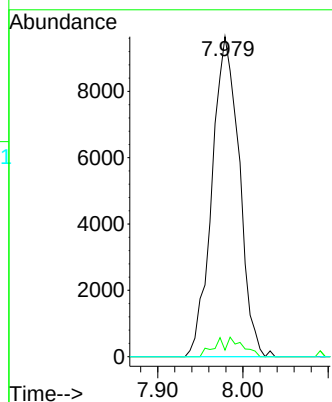


#38
Carbon Tetrachloride
Concen: 4.98 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

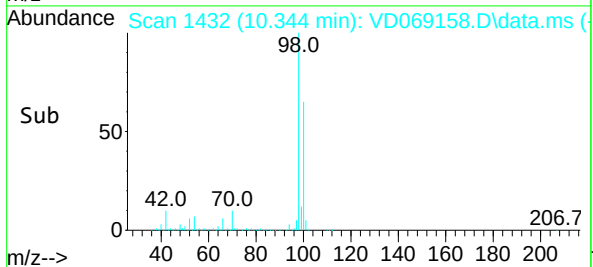
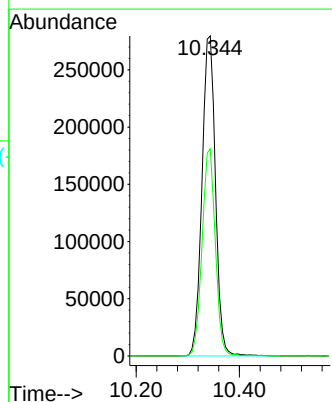
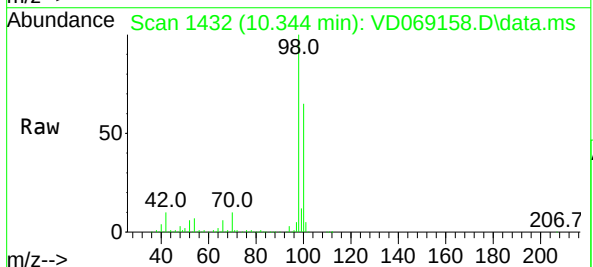


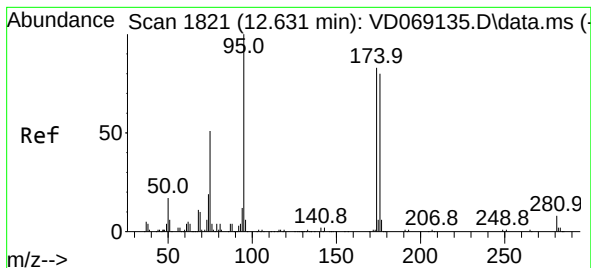
Tgt Ion:117 Resp: 21461
Ion Ratio Lower Upper
117 100
119 2.1 76.2 114.2#
121 0.0 21.9 32.9#



#50
Toluene-d8
Concen: 53.29 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion: 98 Resp: 505496
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8

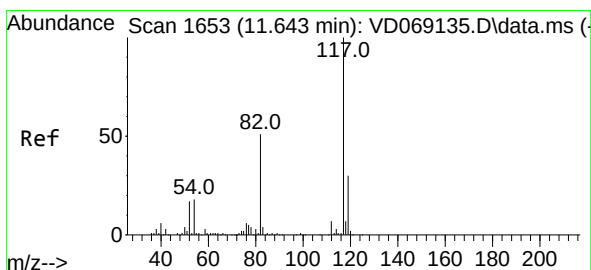
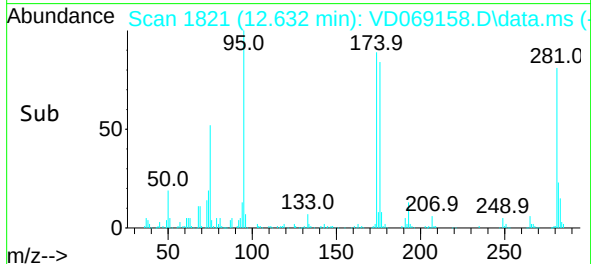
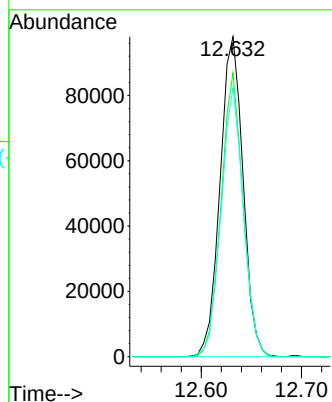
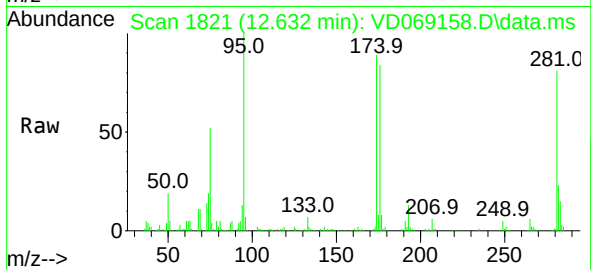




#62
4-Bromofluorobenzene
Concen: 51.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

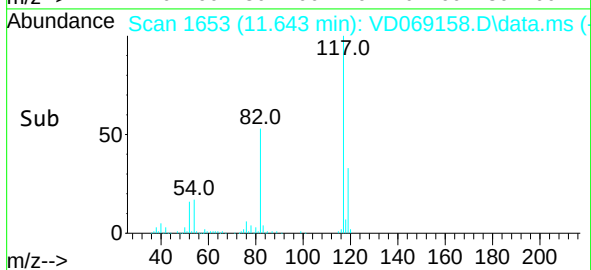
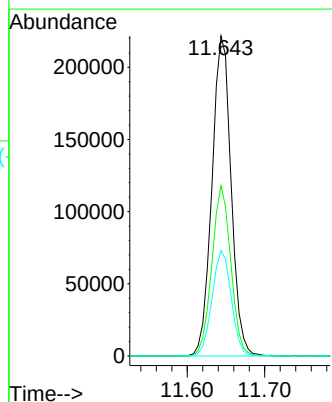
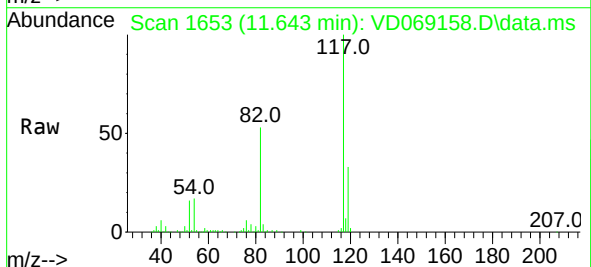
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

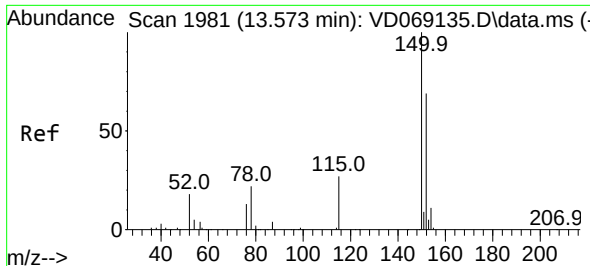
Tgt Ion: 95 Resp: 156155
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.8
176 82.2 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion: 117 Resp: 381349
Ion Ratio Lower Upper
117 100
82 53.1 40.5 60.7
119 33.0 24.2 36.4

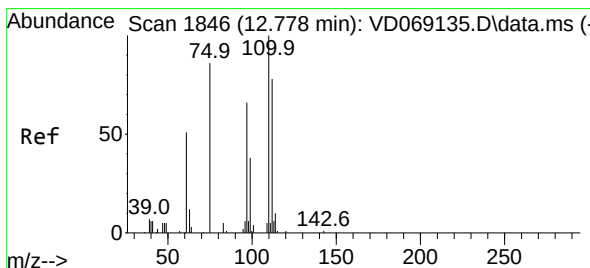
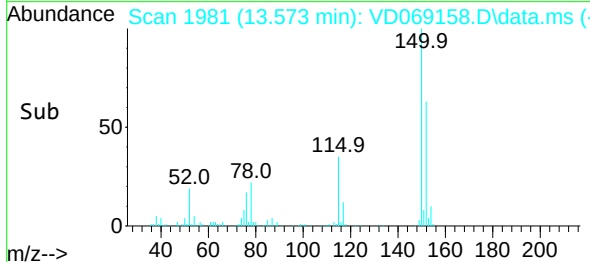
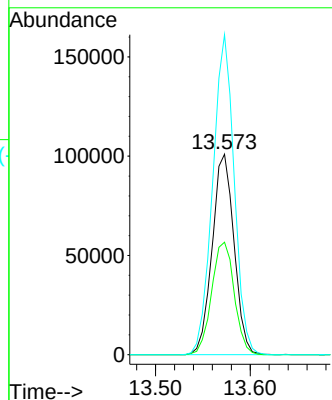
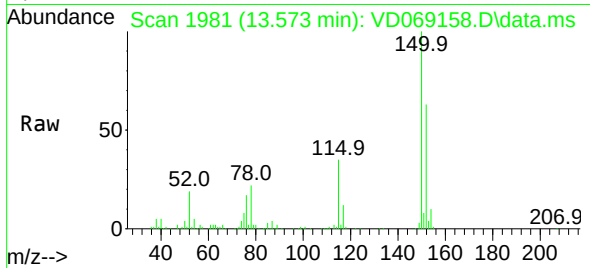




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069158.D
 Acq: 13 May 2021 15:40

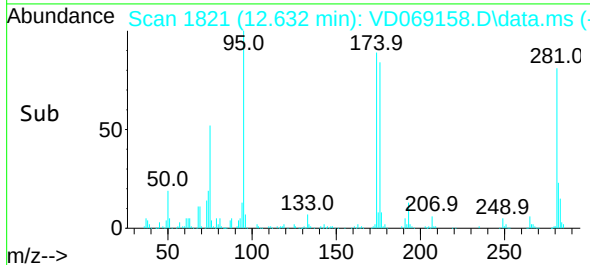
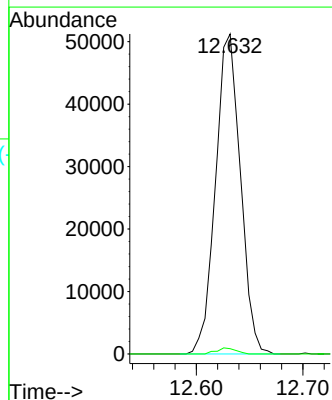
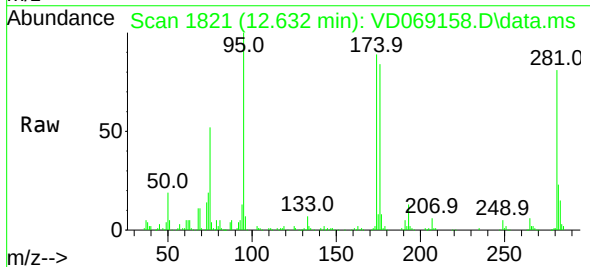
Instrument :
 MSVOA_D
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 CHRT-24702

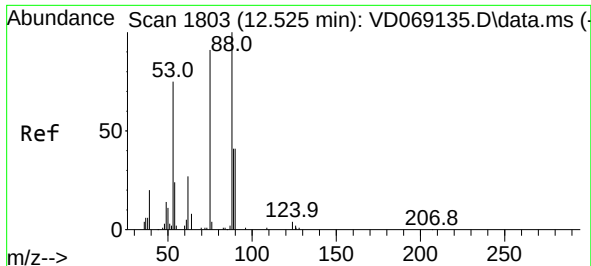
Tgt Ion:152 Resp: 162242
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.9 89.8
 150 156.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 68.04 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD069158.D
 Acq: 13 May 2021 15:40

Tgt Ion: 75 Resp: 82986
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

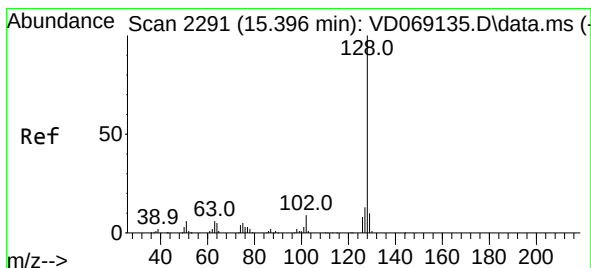
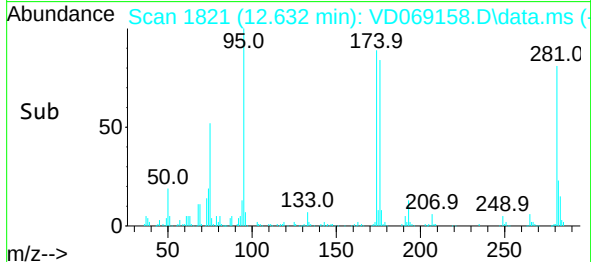
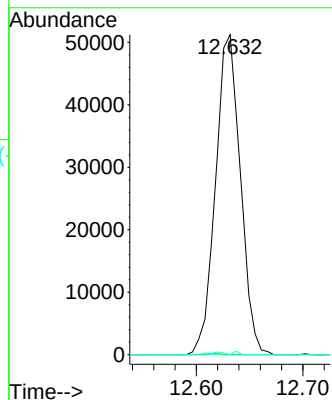
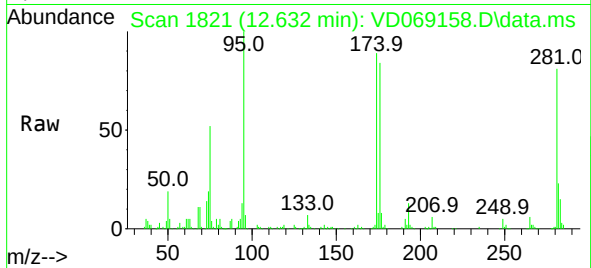




#81
trans-1,4-Dichloro-2-butene
Concen: 137.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24702

Tgt Ion: 75 Resp: 82986
Ion Ratio Lower Upper
75 100
53 0.2 70.0 105.0#
89 0.5 40.2 60.2#



#95
Naphthalene
Concen: 2.08 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069158.D
Acq: 13 May 2021 15:40

Tgt Ion:128 Resp: 203
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

