

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070683.D
 Acq On : 12 Oct 2021 17:01
 Operator : VA/SY
 Sample : M4127-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27051

Quant Time: Oct 13 06:37:53 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

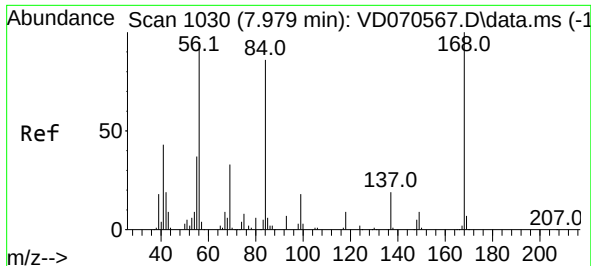
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	356844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	695749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	663623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205885	49.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.060%		
35) Dibromofluoromethane	7.908	113	224563	48.546	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.100%		
50) Toluene-d8	10.332	98	878707	49.691	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.380%		
62) 4-Bromofluorobenzene	12.620	95	290711	49.187	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.380%		
Target Compounds						Qvalue
5) Bromomethane	2.773	94	1277	Below Cal	#	69
11) Tert butyl alcohol	5.220	59	229	1.101	ug/l #	83
16) Acetone	4.162	43	3061	4.292	ug/l #	88
20) Methylene Chloride	4.962	84	46737	1.505	ug/l	92
36) 1,1-Dichloropropene	7.979	75	29104	3.939	ug/l #	51
38) Carbon Tetrachloride	7.979	117	39107	5.057	ug/l #	15
56) Ethyl methacrylate	10.679	69	996	1.582	ug/l #	81
59) 2-Hexanone	10.979	43	581	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.620	75	140245	60.791	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	140245	134.967	ug/l #	17
95) Naphthalene	15.367	128	1394	2.654	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.590	180	3669	1.040	ug/l #	21

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

Quant Time: Oct 13 06:37:53 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

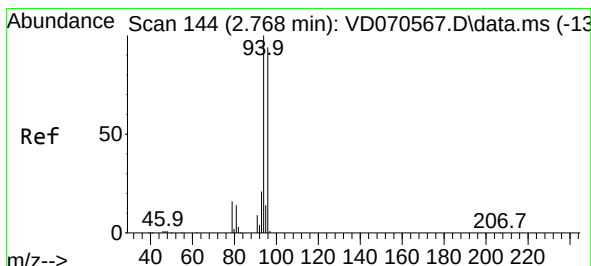
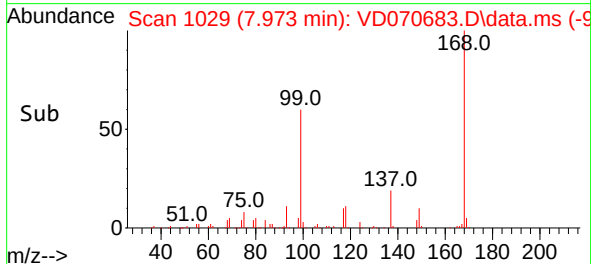
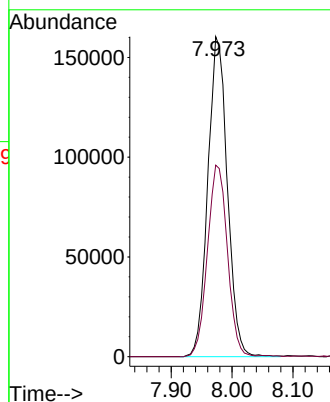
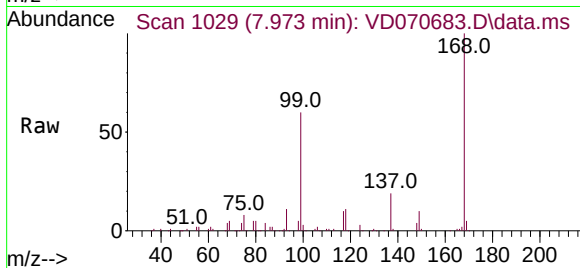




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

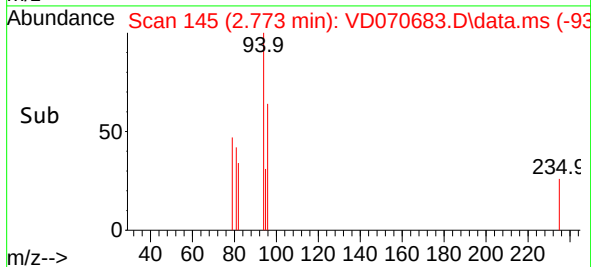
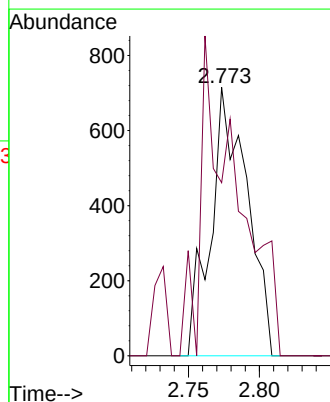
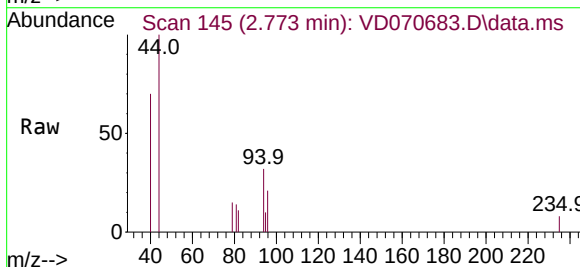
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

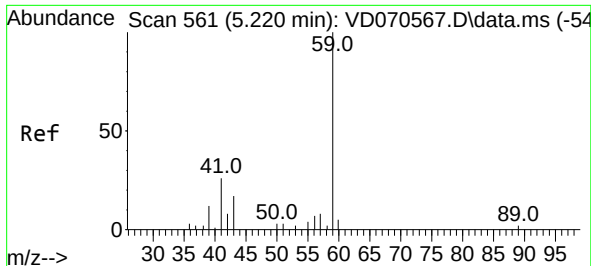
Tgt Ion:168 Resp: 356844
Ion Ratio Lower Upper
168 100
99 59.9 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Tgt Ion: 94 Resp: 1277
Ion Ratio Lower Upper
94 100
96 64.5 75.5 113.3#

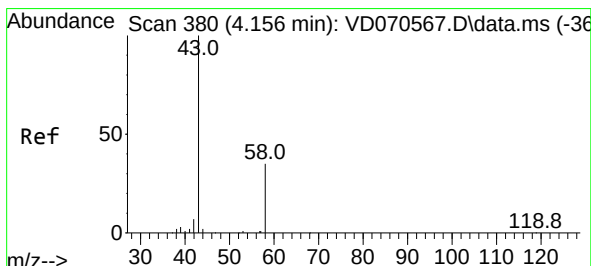
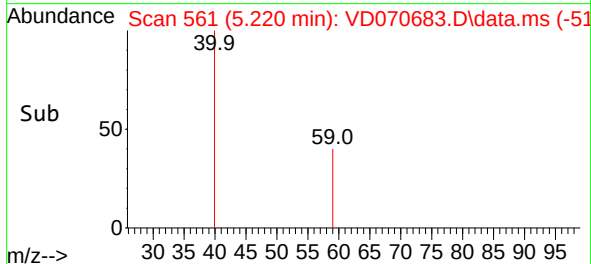
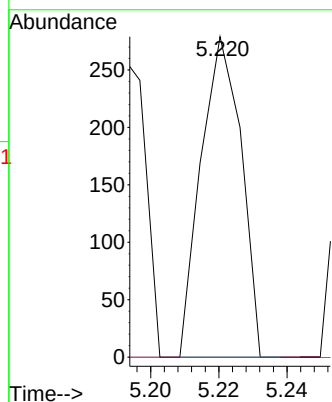
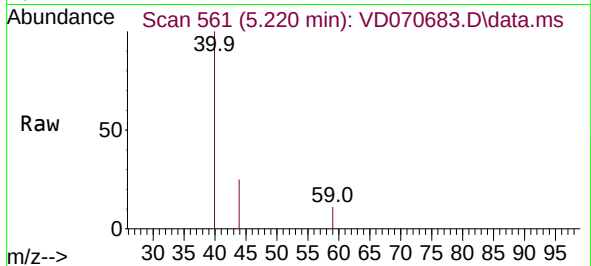




#11
Tert butyl alcohol
Concen: 1.101 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

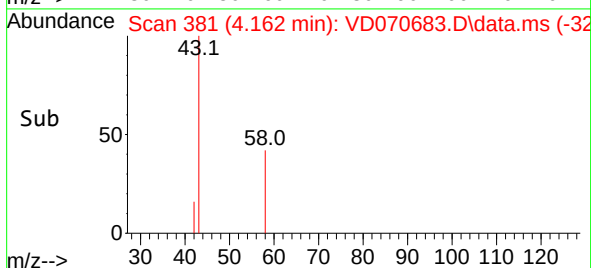
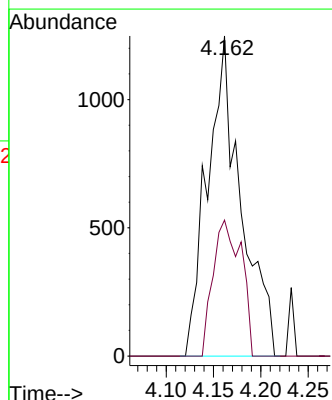
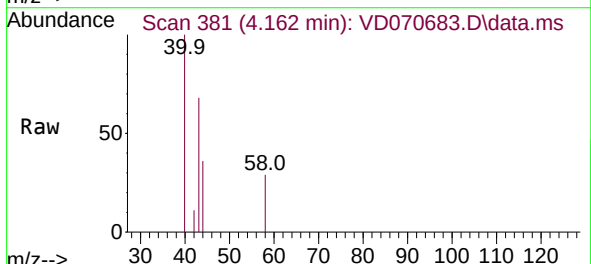
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

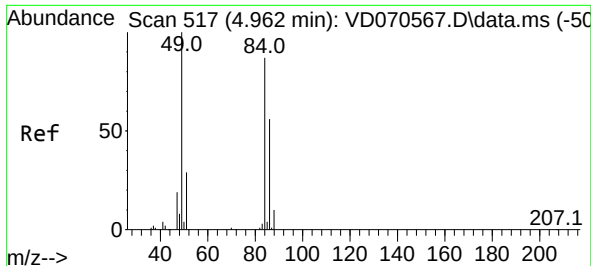
Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#16
Acetone
Concen: 4.292 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

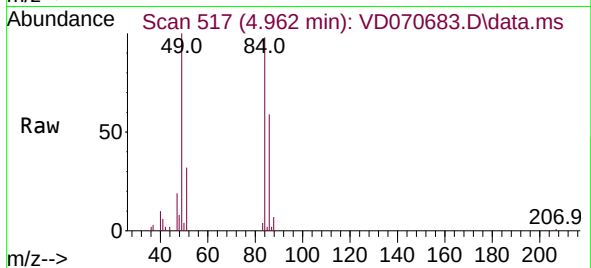
Tgt Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
58 42.5 28.2 42.2#



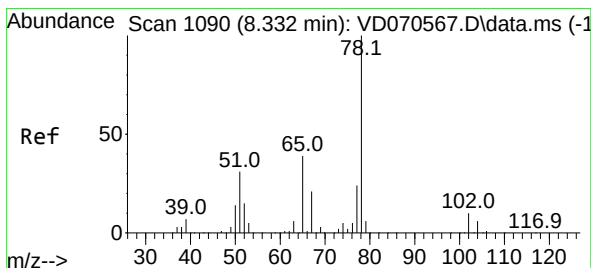
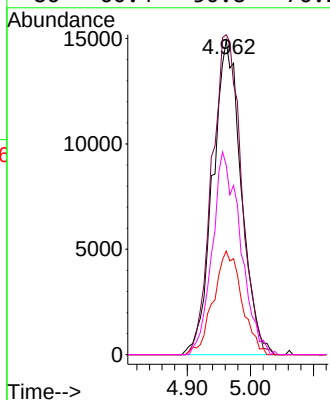
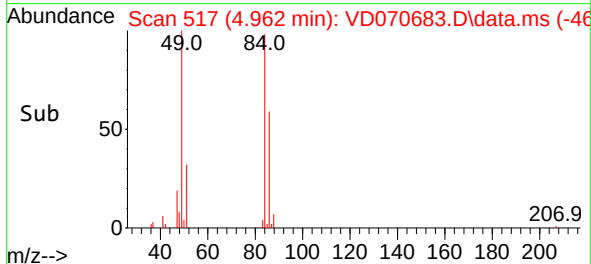


#20
Methylene Chloride
Concen: 1.505 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

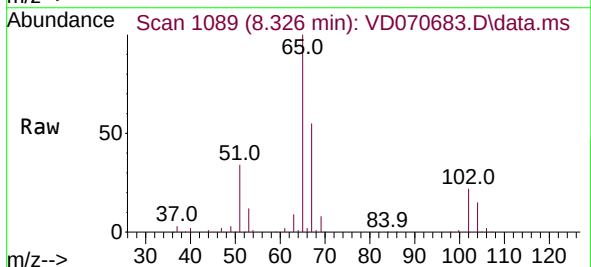
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051



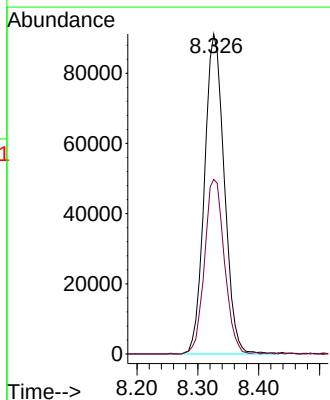
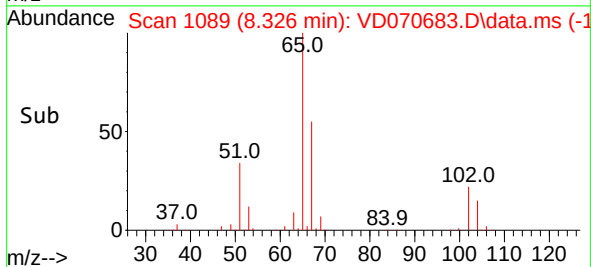
Tgt Ion:	84	Resp:	46737
Ion	Ratio	Lower	Upper
84	100		
49	101.9	91.4	137.2
51	33.0	26.7	40.1
86	60.4	50.8	76.2

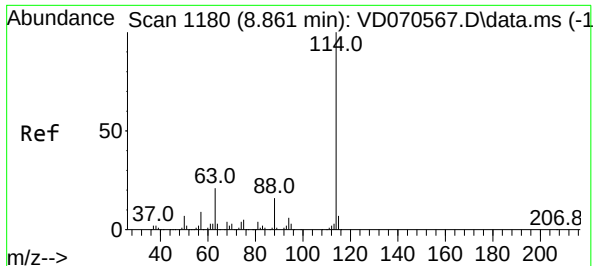


#33
1,2-Dichloroethane-d4
Concen: 49.025 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01



Tgt Ion:	65	Resp:	205885
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.2



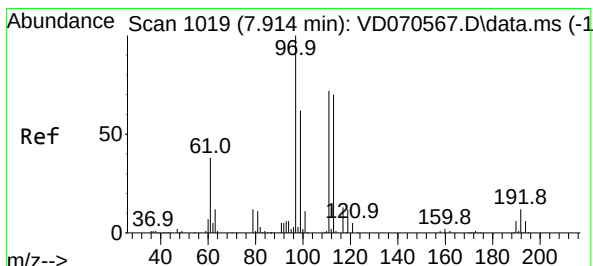
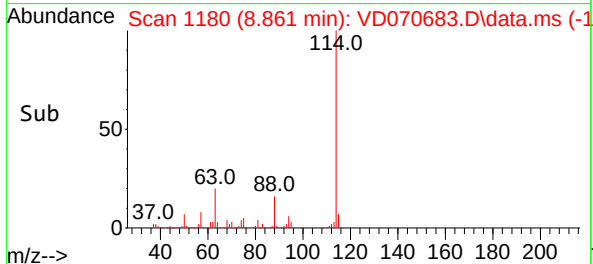
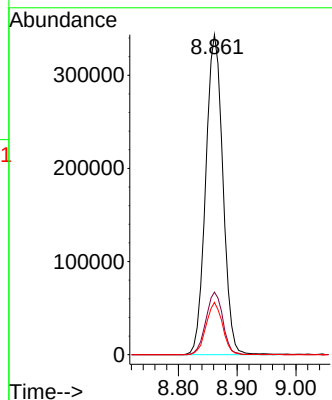
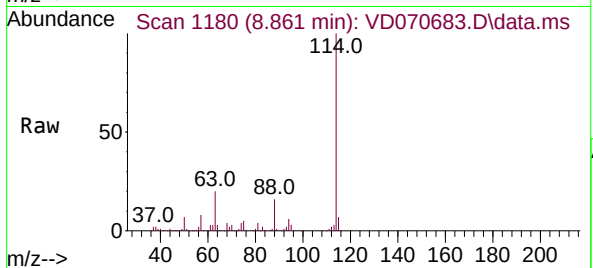


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

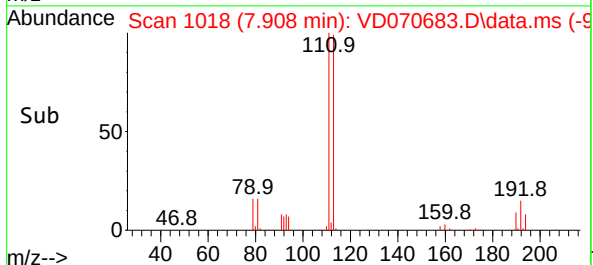
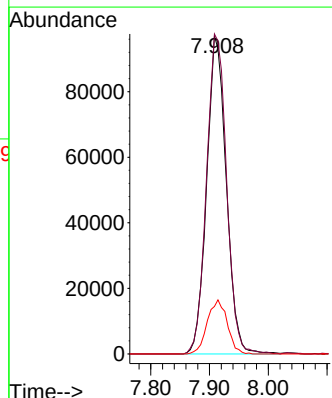
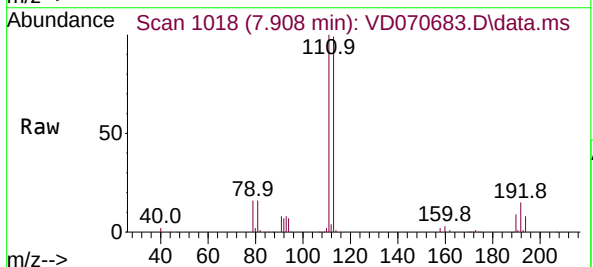
Tgt Ion:	114	Resp:	695749
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.8
88	16.3	0.0	32.6

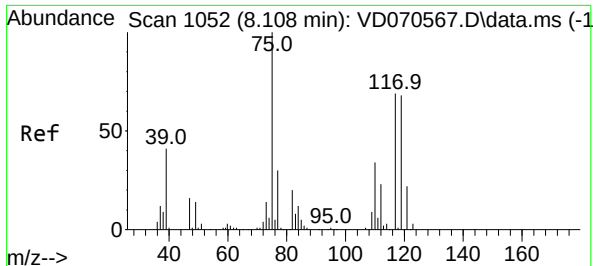


#35

Dibromofluoromethane
Concen: 48.546 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Tgt Ion:	113	Resp:	224563
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.1	124.7
192	17.4	12.7	19.1



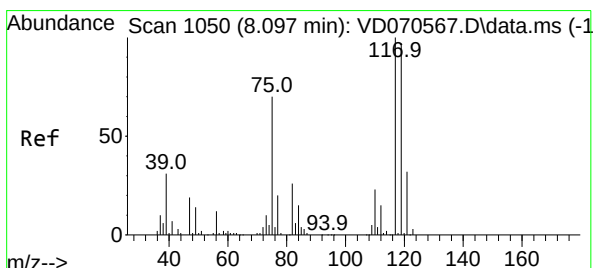
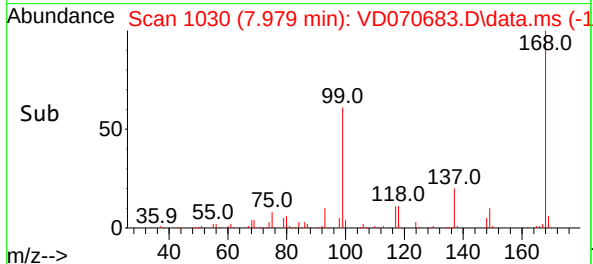
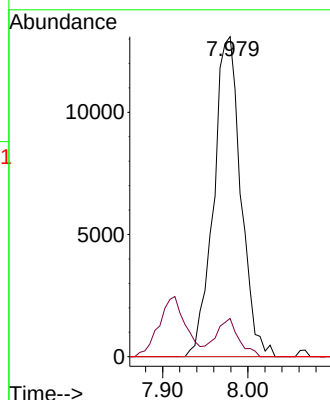
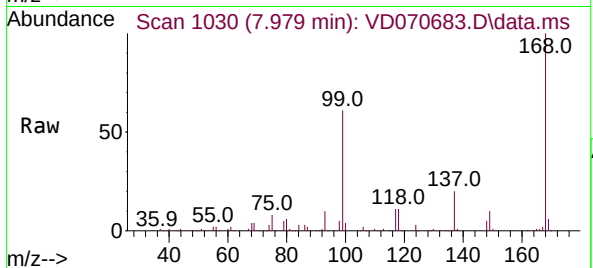


#36

1,1-Dichloropropene
Concen: 3.939 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

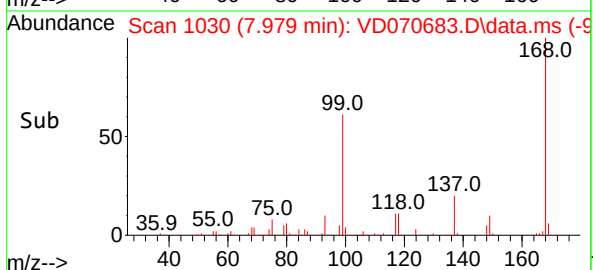
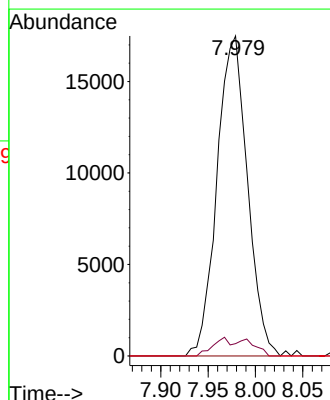
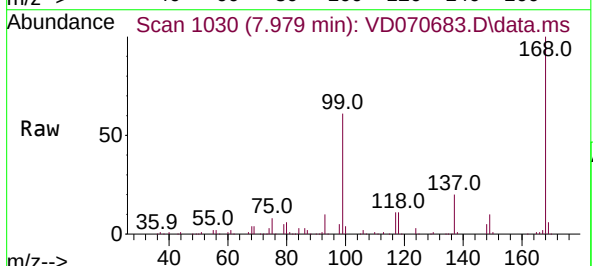
Tgt Ion: 75 Resp: 29104
Ion Ratio Lower Upper
75 100
110 9.8 17.2 51.6#
77 0.0 24.2 36.4#

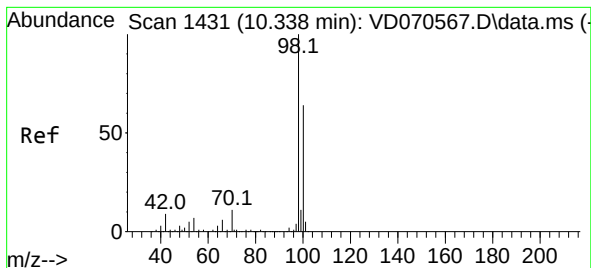


#38

Carbon Tetrachloride
Concen: 5.057 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Tgt Ion: 117 Resp: 39107
Ion Ratio Lower Upper
117 100
119 3.8 77.4 116.0#
121 0.0 25.4 38.0#

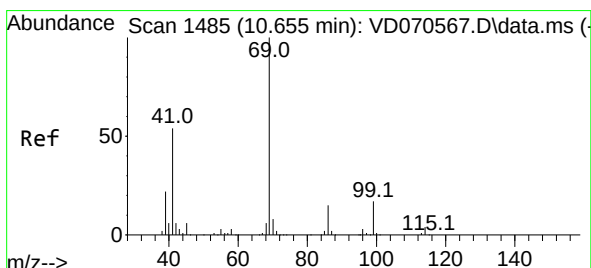
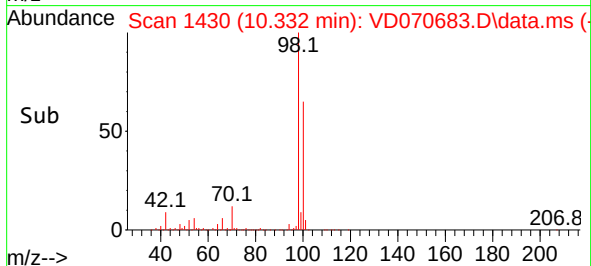
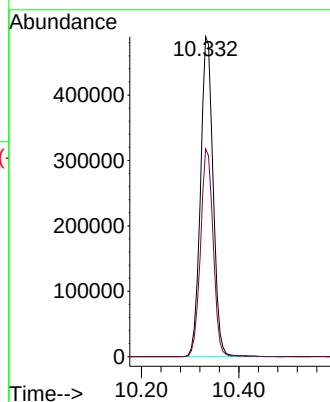
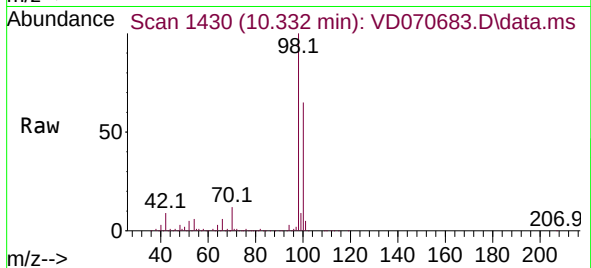




#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

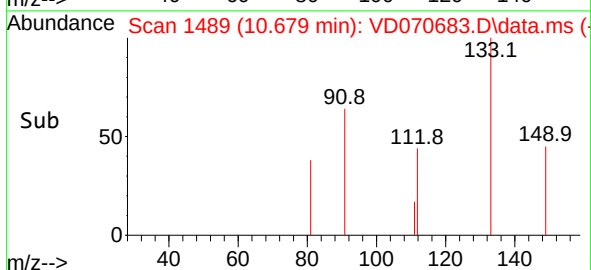
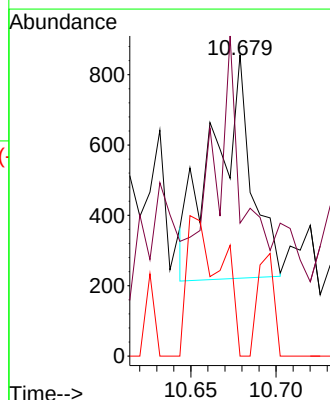
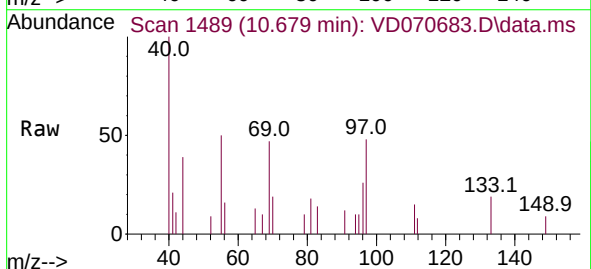
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

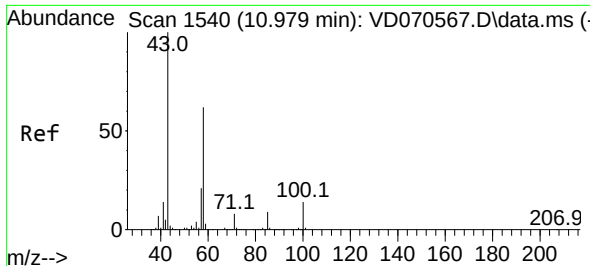
Tgt Ion: 98 Resp: 878707
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.582 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.024 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Tgt Ion: 69 Resp: 996
Ion Ratio Lower Upper
69 100
41 59.7 44.7 67.1
39 0.0 19.5 29.3#

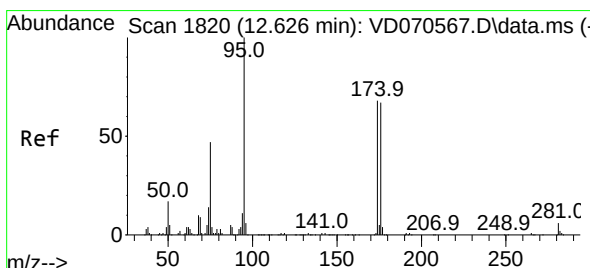
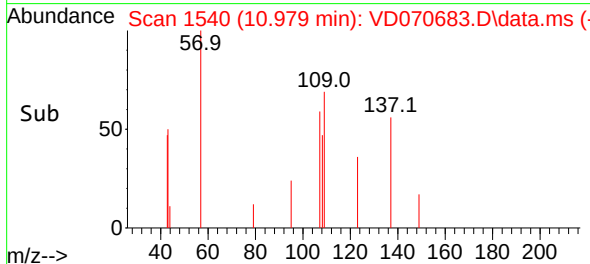
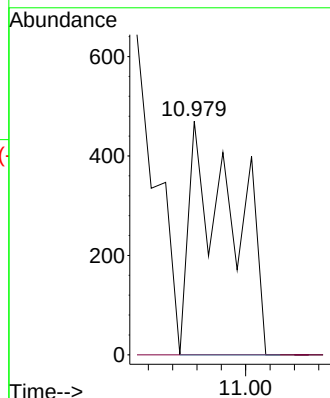
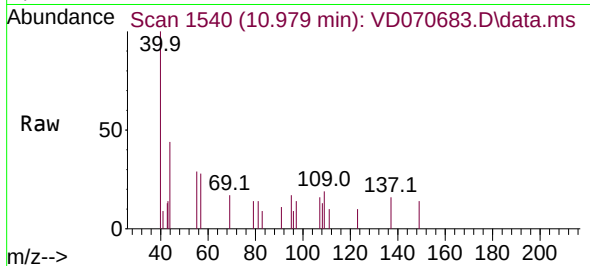




#59
2-Hexanone
Concen: Below Cal
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

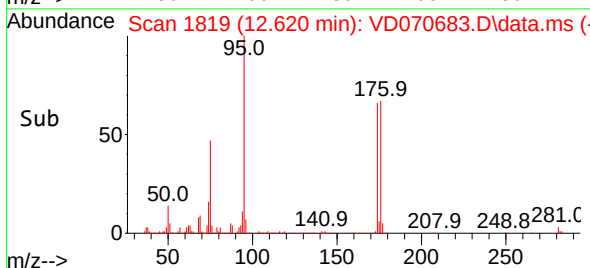
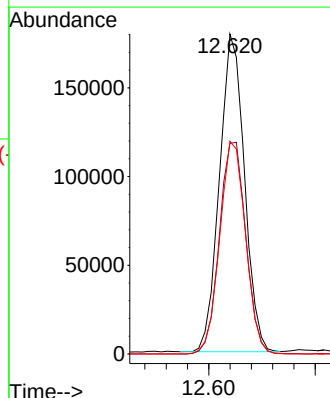
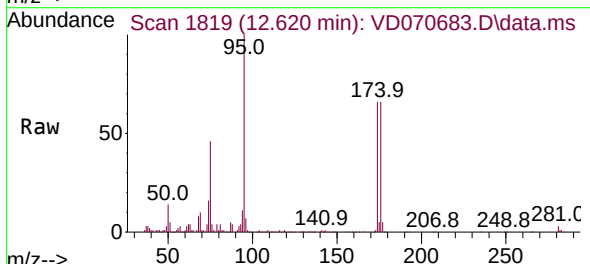
Instrument :
MSVOA_D
ClientSampled :
CHRT-27051

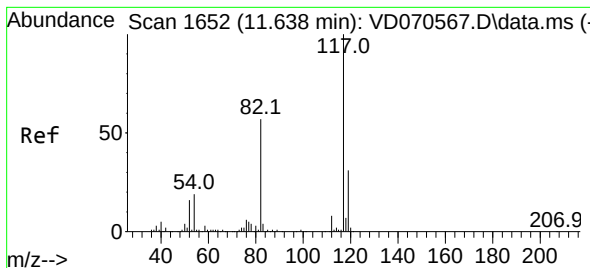
Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 49.187 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Tgt Ion: 95 Resp: 290711
Ion Ratio Lower Upper
95 100
174 70.7 0.0 138.0
176 69.2 0.0 135.6

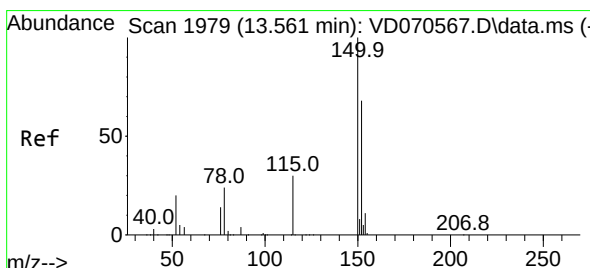
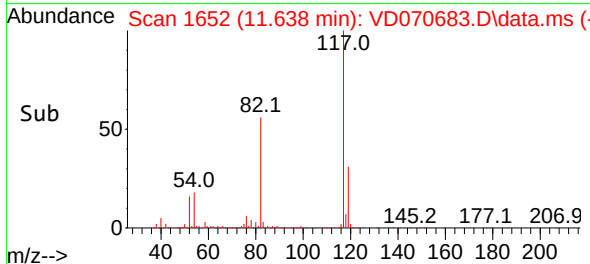
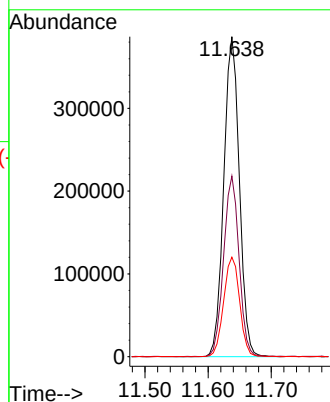
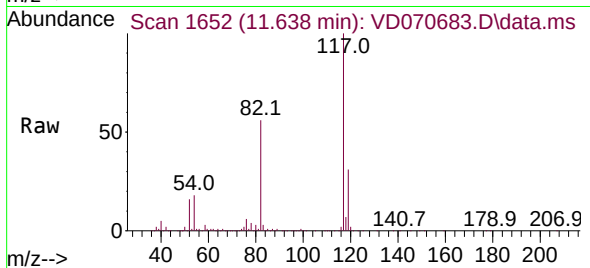




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

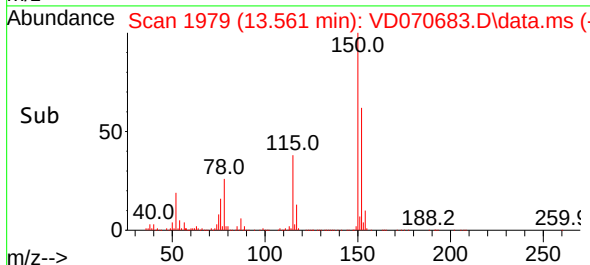
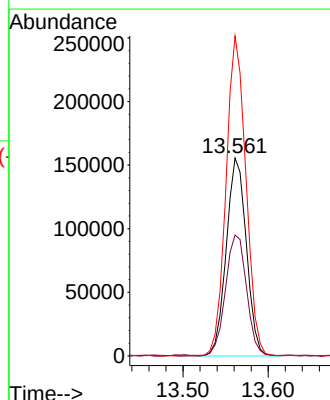
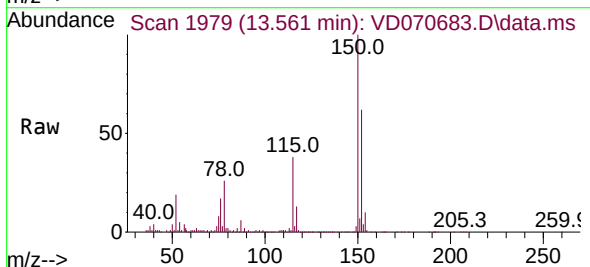
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

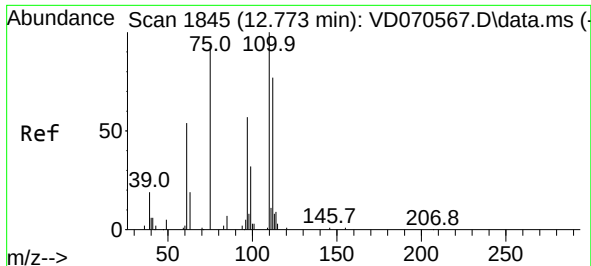
Tgt Ion:117 Resp: 663623
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 31.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Tgt Ion:152 Resp: 254887
Ion Ratio Lower Upper
152 100
115 63.6 31.9 95.7
150 159.5 0.0 350.0

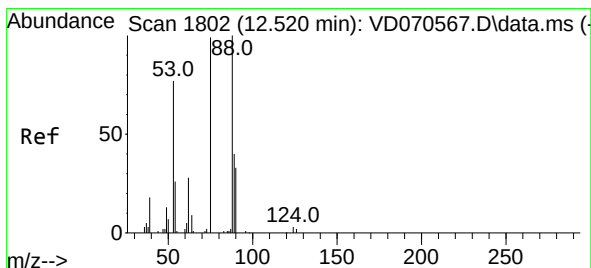
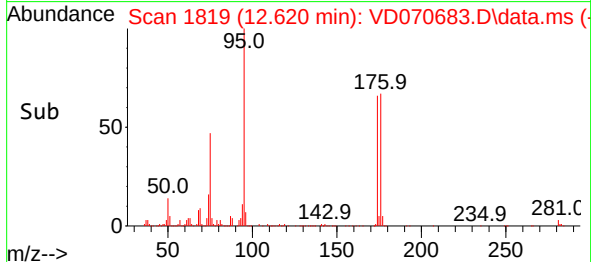
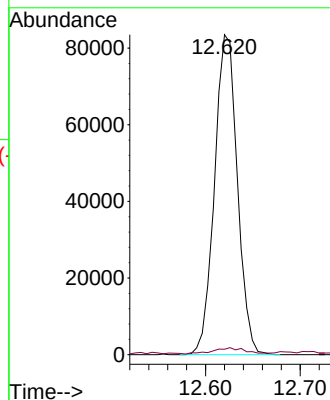
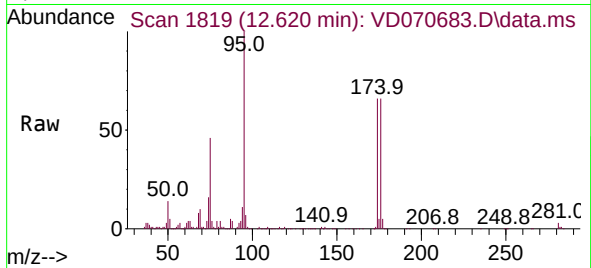




#76
1,2,3-Trichloropropane
Concen: 60.791 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

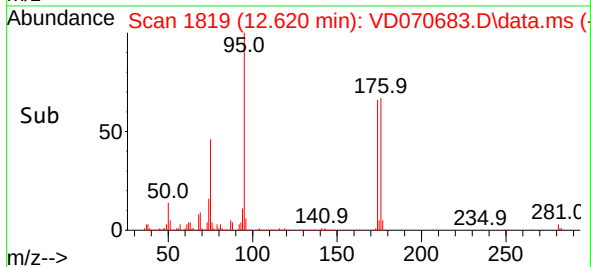
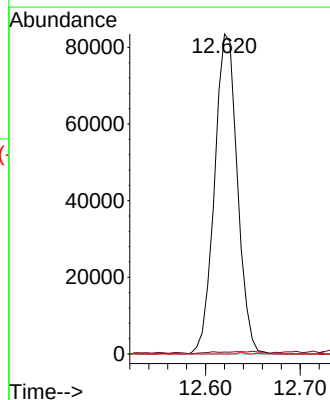
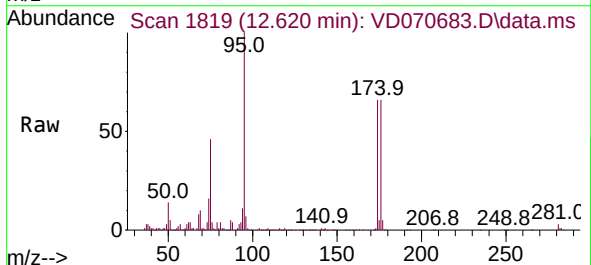
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

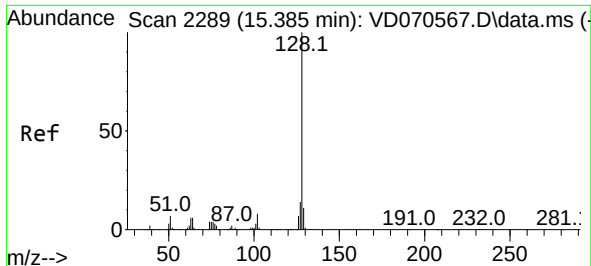
Tgt Ion: 75 Resp: 140245
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.967 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Tgt Ion: 75 Resp: 140245
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.0 35.3 52.9#

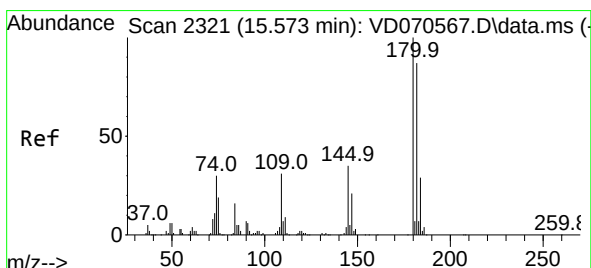
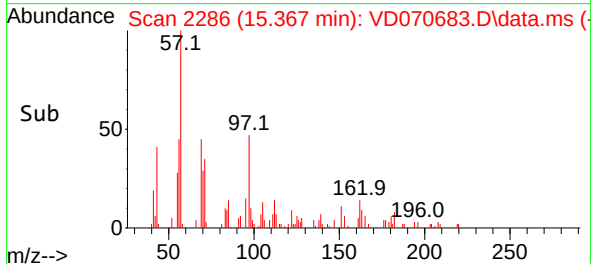
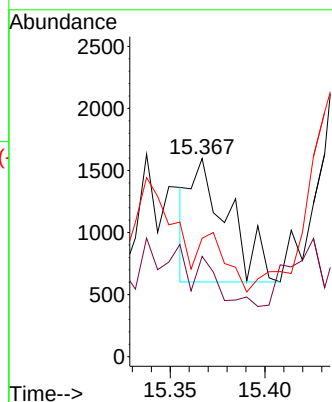
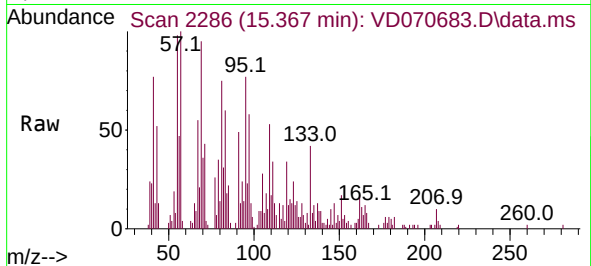




#95
Naphthalene
Concen: 2.654 ug/l
RT: 15.367 min Scan# 2286
Delta R.T. -0.018 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Instrument :
MSVOA_D
ClientSampled :
CHRT-27051

Tgt Ion:128 Resp: 1394
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 1.040 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.018 min
Lab File: VD070683.D
Acq: 12 Oct 2021 17:01

Tgt Ion:180 Resp: 3669
Ion Ratio Lower Upper
180 100
182 10.2 46.2 138.5#
145 0.0 17.1 51.3#

