

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070865.D
 Acq On : 27 Oct 2021 15:48
 Operator : VA/SY
 Sample : M4368-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 28 03:56:55 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)

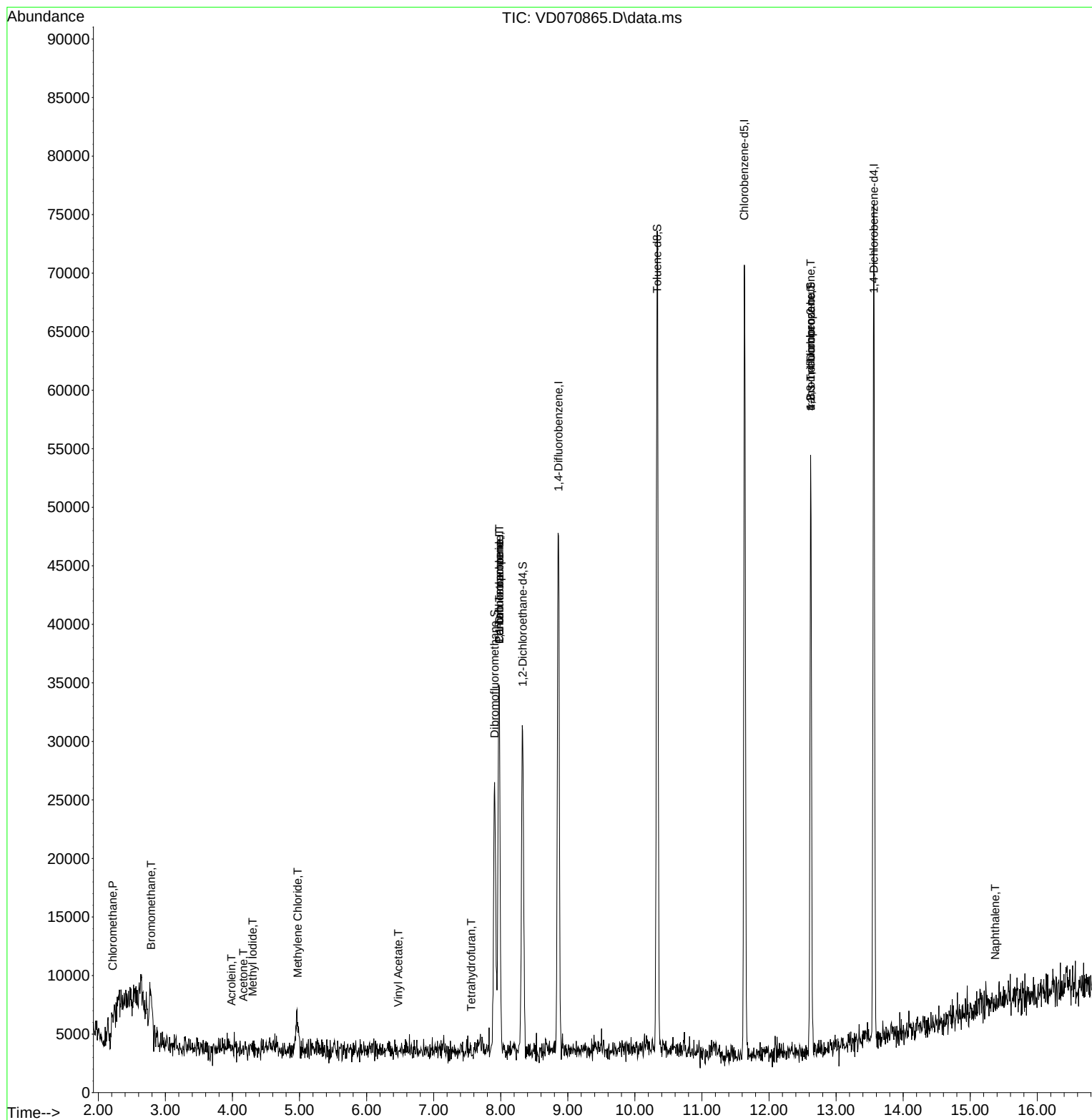
Internal Standards						
1) Pentafluorobenzene	7.979	168	24195	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	40134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	43898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22071	90.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.400%#	
35) Dibromofluoromethane	7.909	113	16199	61.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.440%	
50) Toluene-d8	10.332	98	50573	50.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.620	95	17649	53.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	568	1.789	ug/l	# 86
5) Bromomethane	2.785	94	1494	3.037	ug/l	# 69
10) Methyl Iodide	4.303	142	385	4.828	ug/l	# 84
13) Acrolein	3.985	56	59	5.087	ug/l	# 13
16) Acetone	4.162	43	115	2.031	ug/l	# 40
20) Methylene Chloride	4.973	84	2720	3.461	ug/l	# 55
23) Vinyl Acetate	6.473	43	73	14.587	ug/l	# 72
29) Tetrahydrofuran	7.561	42	58	1.378	ug/l	# 34
36) 1,1-Dichloropropene	7.979	75	2045	4.870	ug/l	# 41
38) Carbon Tetrachloride	7.979	117	2684	6.356	ug/l	# 12
76) 1,2,3-Trichloropropane	12.620	75	7221	38.579	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	7221	101.255	ug/l	# 18
95) Naphthalene	15.373	128	68	4.229	ug/l	# 69

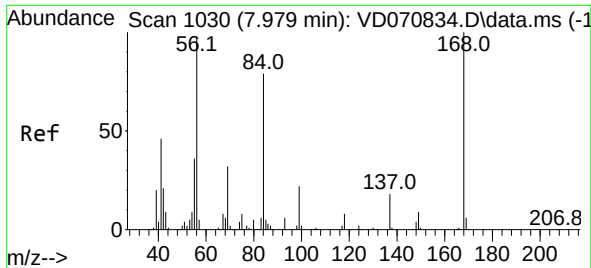
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
Data File : VD070865.D
Acq On : 27 Oct 2021 15:48
Operator : VA/SY
Sample : M4368-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 28 03:56:55 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

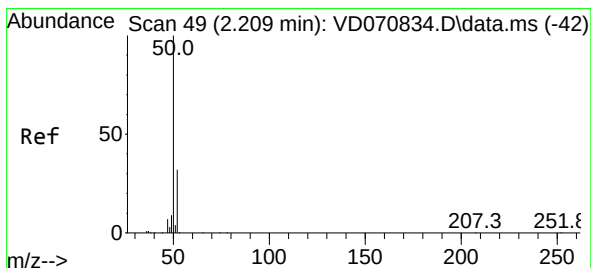
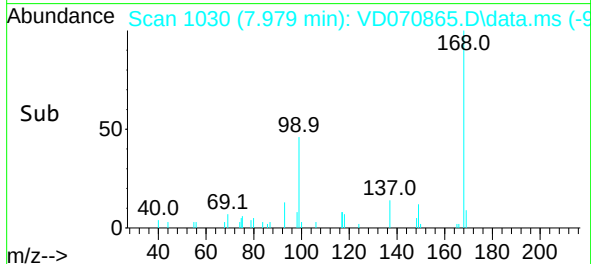
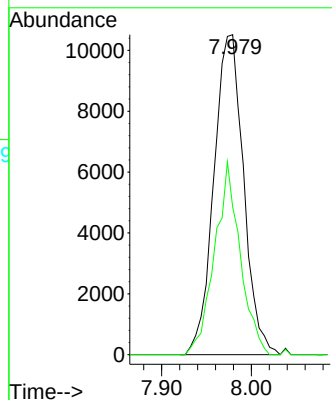
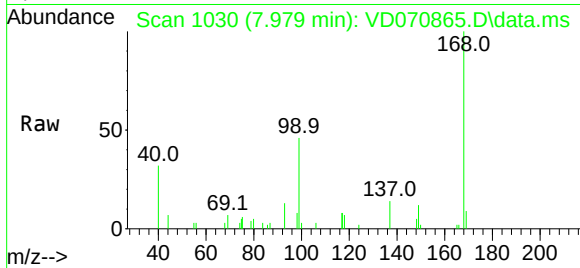




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

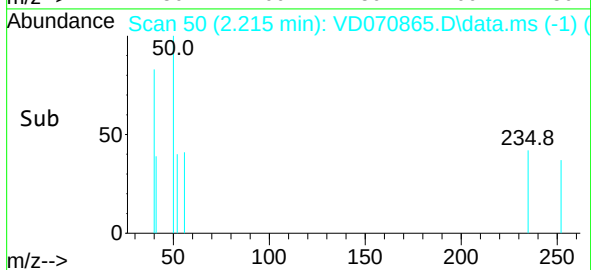
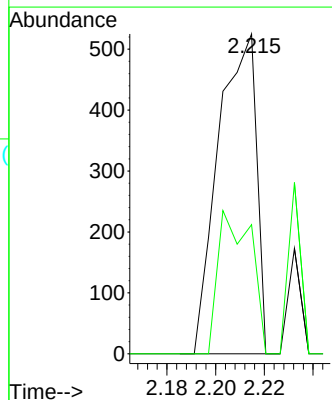
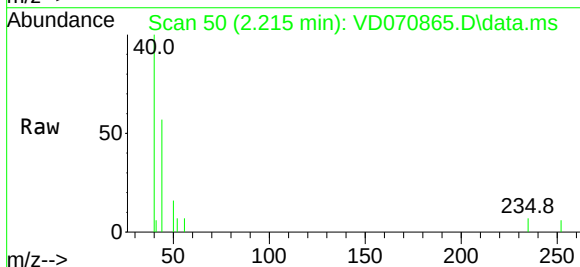
Instrument :
MSVOA_D
ClientSampled :

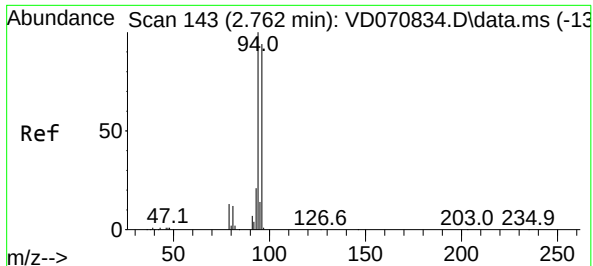
Tgt Ion:168 Resp: 24195
Ion Ratio Lower Upper
168 100
99 46.2 46.6 69.8#



#3
Chloromethane
Concen: 1.789 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 40.4 25.8 38.8#

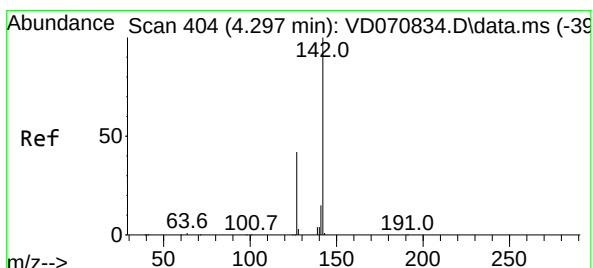
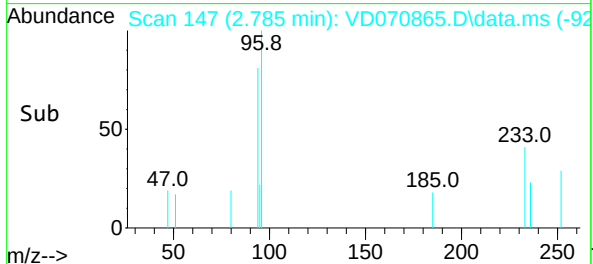
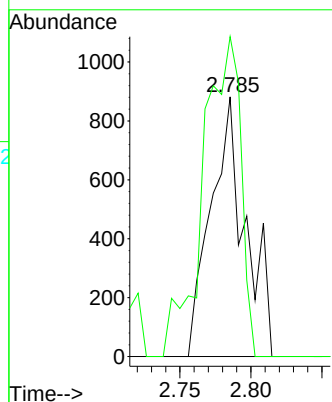
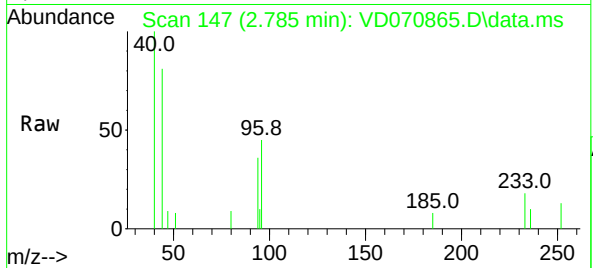




#5
Bromomethane
Concen: 3.037 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

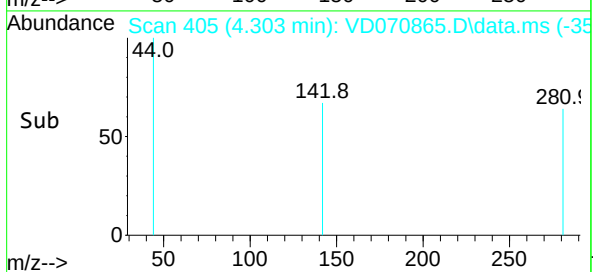
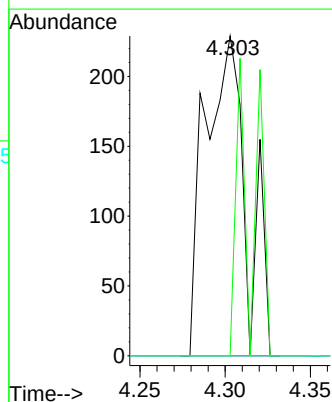
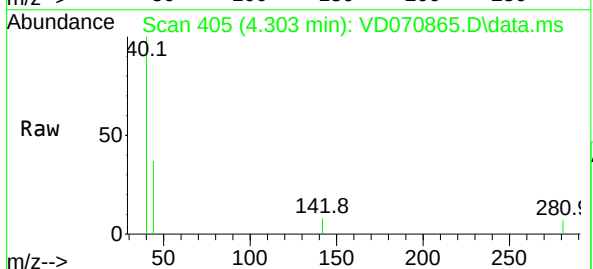
Instrument :
MSVOA_D
ClientSampleId :

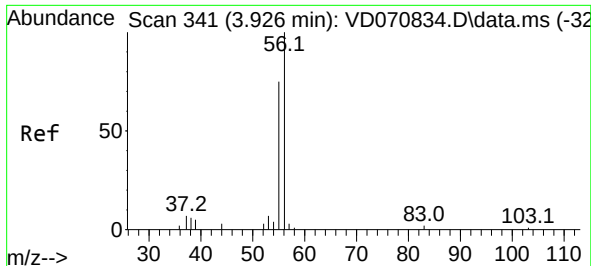
Tgt Ion: 94 Resp: 1494
Ion Ratio Lower Upper
94 100
96 123.1 74.8 112.2#



#10
Methyl Iodide
Concen: 4.828 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Tgt Ion:142 Resp: 385
Ion Ratio Lower Upper
142 100
127 38.2 35.0 52.4
141 0.0 12.0 18.0#

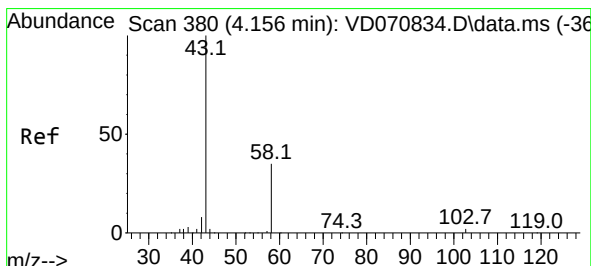
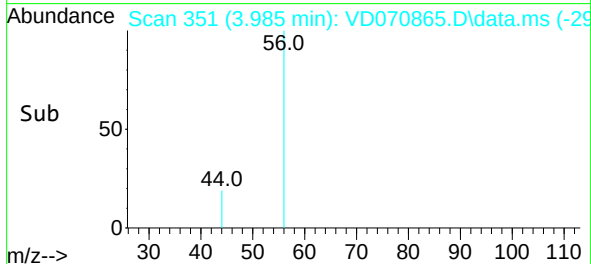
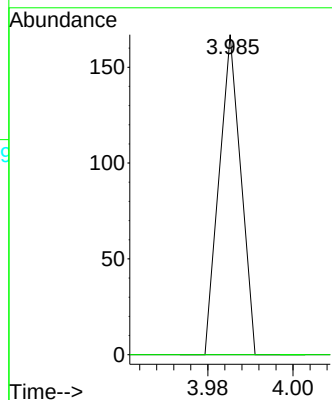
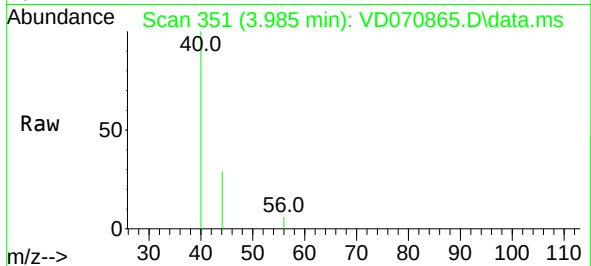




#13
Acrolein
Concen: 5.087 ug/l
RT: 3.985 min Scan# 351
Delta R.T. 0.059 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

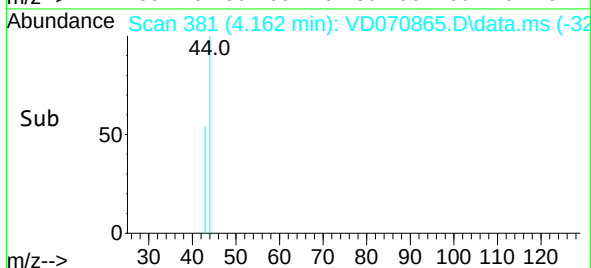
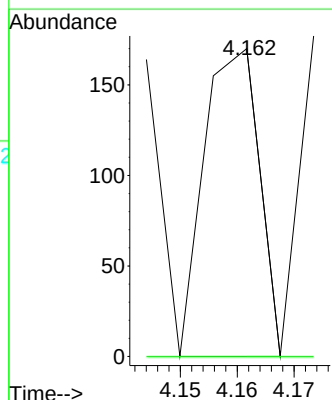
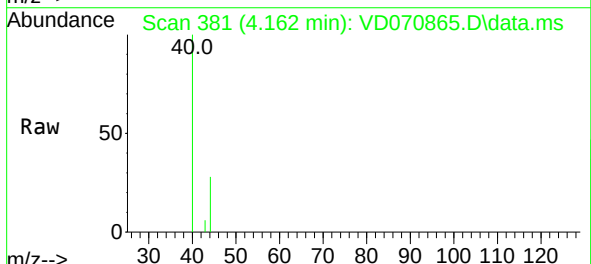
Instrument :
MSVOA_D
ClientSampled :

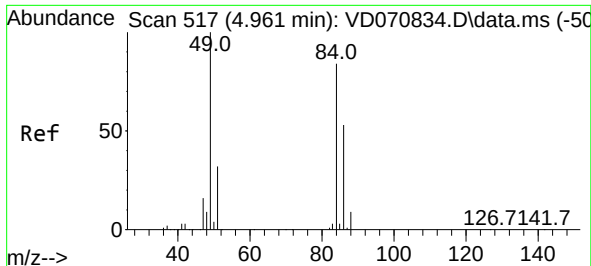
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#16
Acetone
Concen: 2.031 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

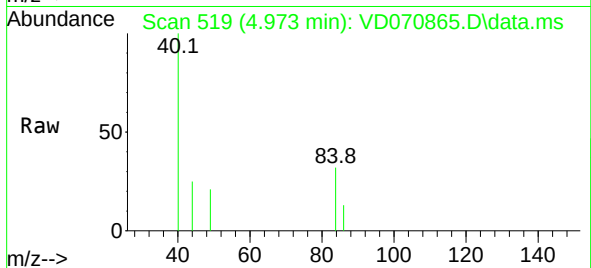
Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



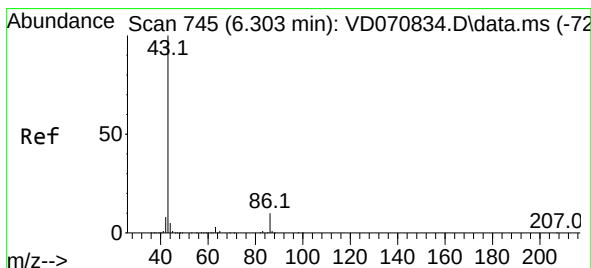
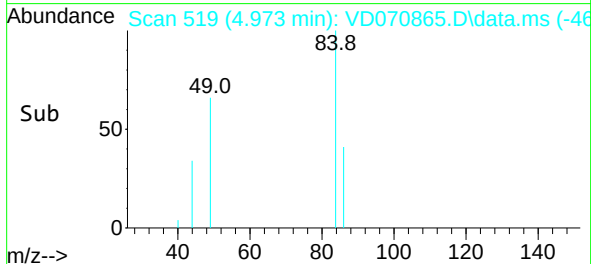
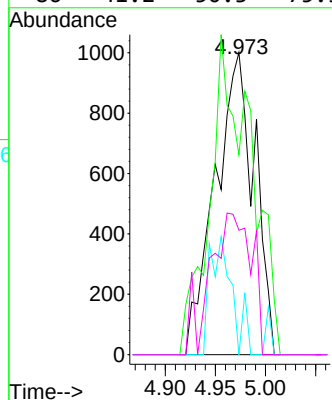


#20
Methylene Chloride
Concen: 3.461 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Instrument :
MSVOA_D
ClientSampled :

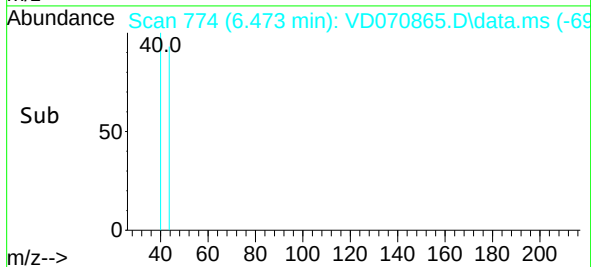
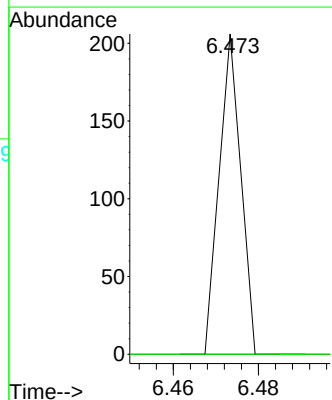
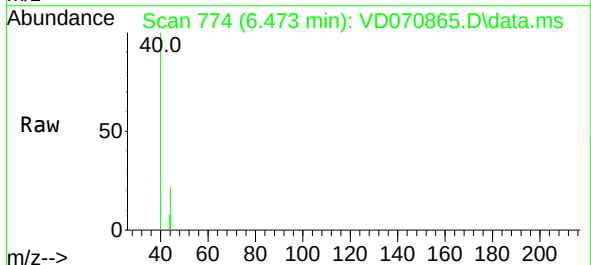


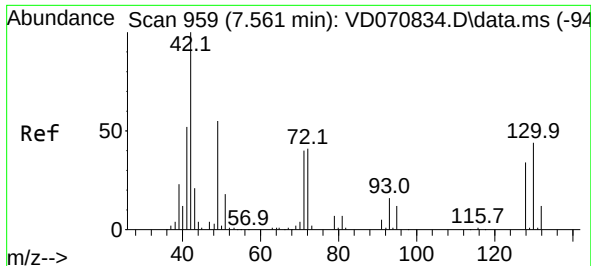
Tgt Ion:	84	Resp:	2720
Ion	Ratio	Lower	Upper
84	100		
49	66.1	95.8	143.6#
51	0.0	30.9	46.3#
86	41.2	50.3	75.5#



#23
Vinyl Acetate
Concen: 14.587 ug/l
RT: 6.473 min Scan# 774
Delta R.T. 0.170 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Tgt Ion:	43	Resp:	73
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#





#29

Tetrahydrofuran

Concen: 1.378 ug/l

RT: 7.561 min Scan# 959

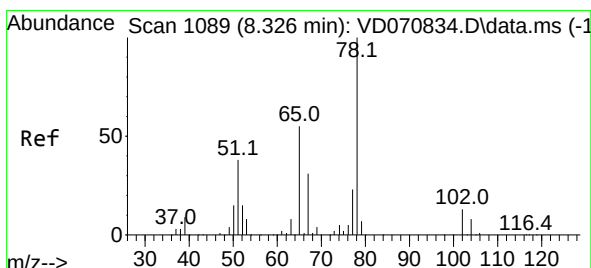
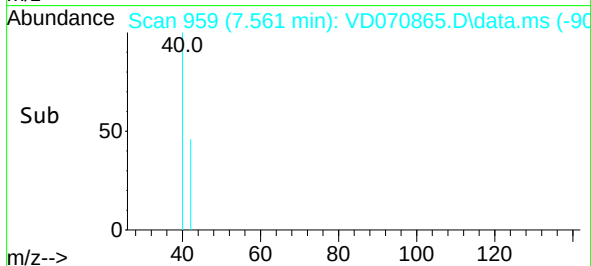
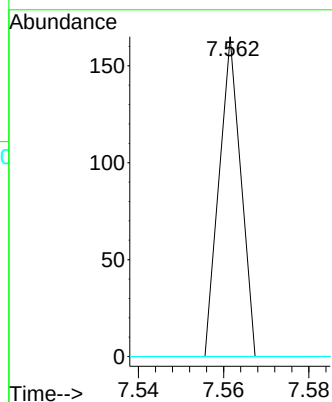
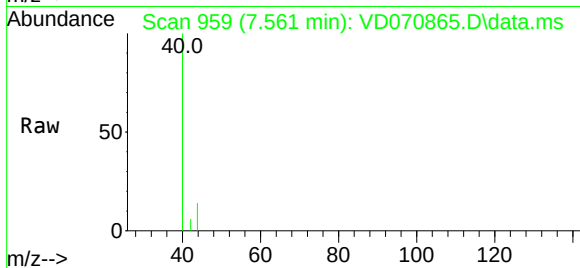
Delta R.T. 0.000 min

Lab File: VD070865.D

Acq: 27 Oct 2021 15:48

Tgt Ion:	42	Resp:	58
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	0.0	32.7	49.1#

Instrument :
MSVOA_D
ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 90.700 ug/l

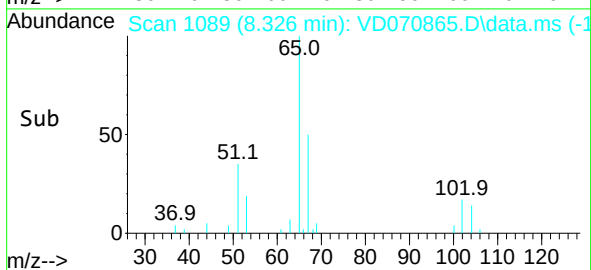
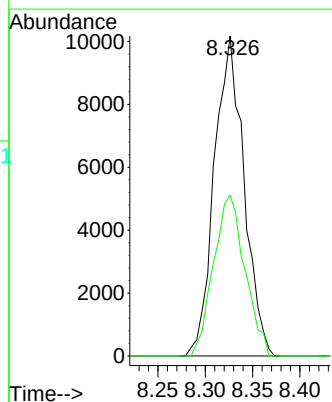
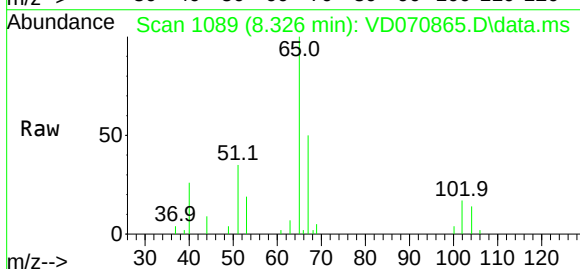
RT: 8.326 min Scan# 1089

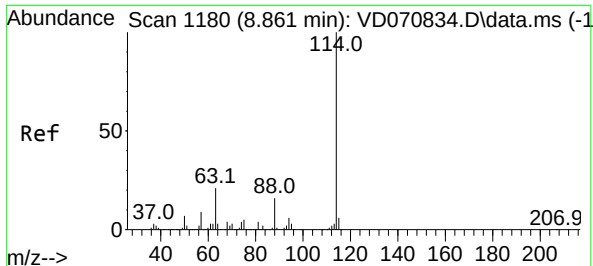
Delta R.T. 0.000 min

Lab File: VD070865.D

Acq: 27 Oct 2021 15:48

Tgt Ion:	65	Resp:	22071
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

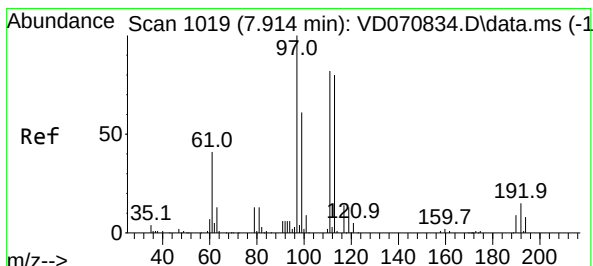
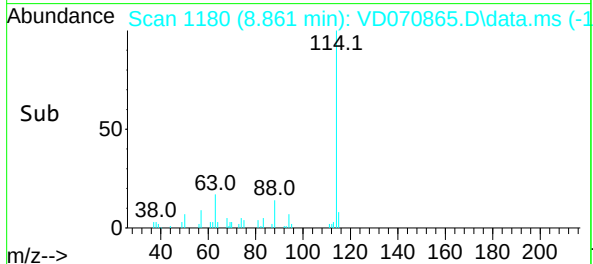
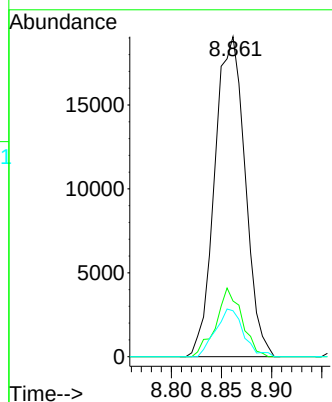
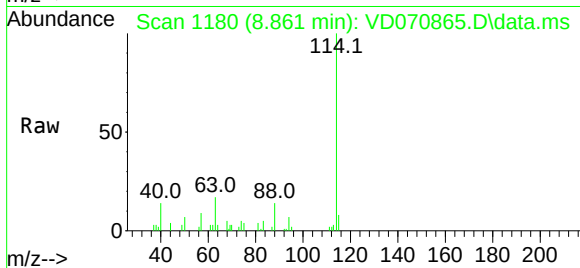
Delta R.T. 0.000 min

Lab File: VD070865.D

Acq: 27 Oct 2021 15:48

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:114	Resp:	40134
Ion Ratio	Lower	Upper
114	100	
63	17.4	0.0 41.8
88	14.4	0.0 32.8



#35

Dibromofluoromethane

Concen: 61.215 ug/l

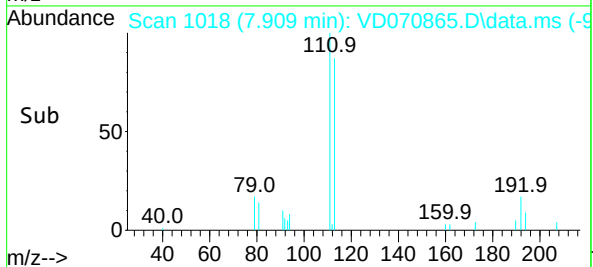
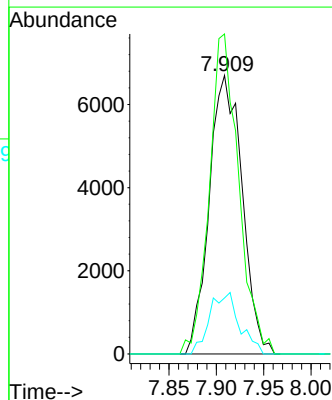
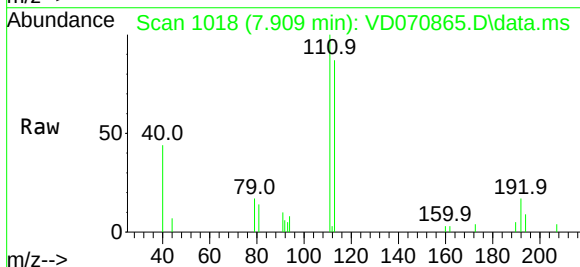
RT: 7.909 min Scan# 1018

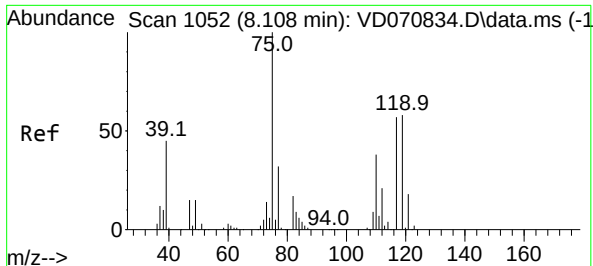
Delta R.T. -0.006 min

Lab File: VD070865.D

Acq: 27 Oct 2021 15:48

Tgt Ion:113	Resp:	16199
Ion Ratio	Lower	Upper
113	100	
111	102.3	82.0 123.0
192	20.0	15.2 22.8

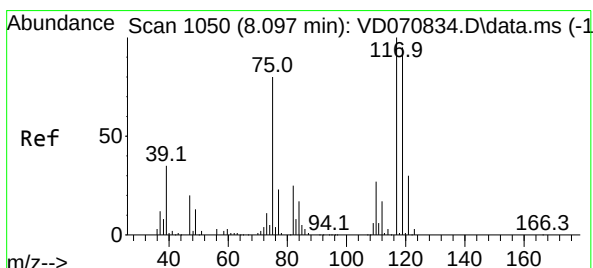
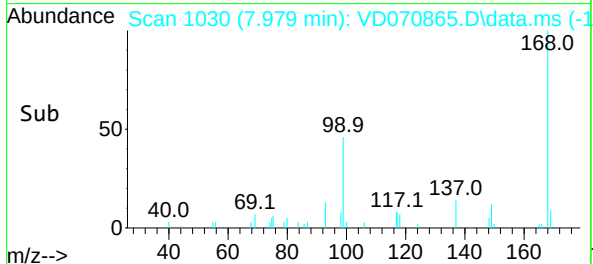
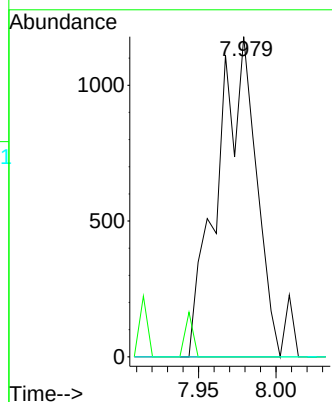
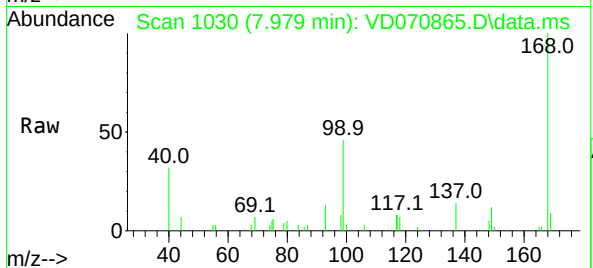




#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

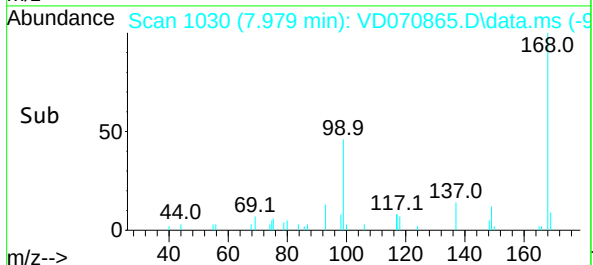
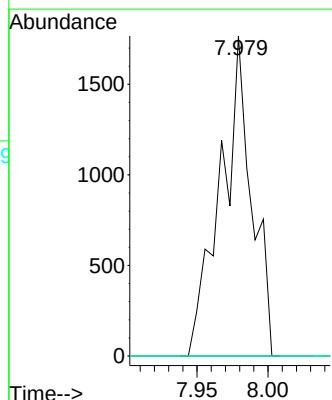
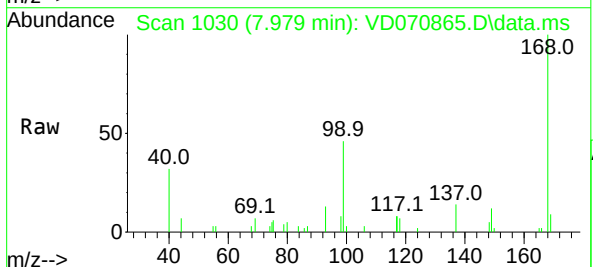
Instrument :
MSVOA_D
ClientSampleId :

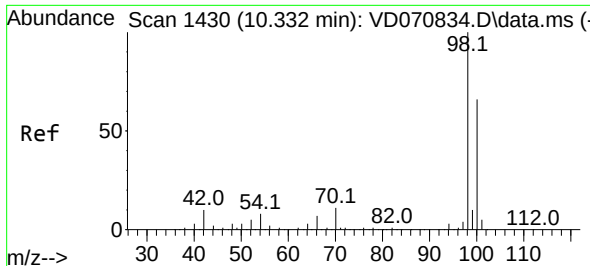
Tgt Ion: 75 Resp: 2045
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.4#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Tgt Ion: 117 Resp: 2684
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#

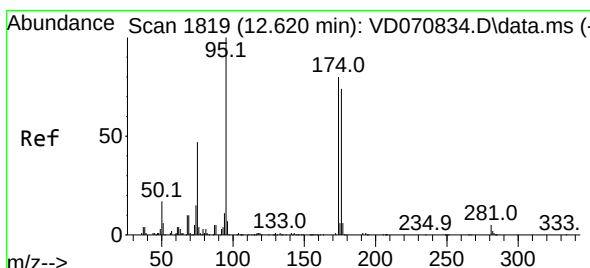
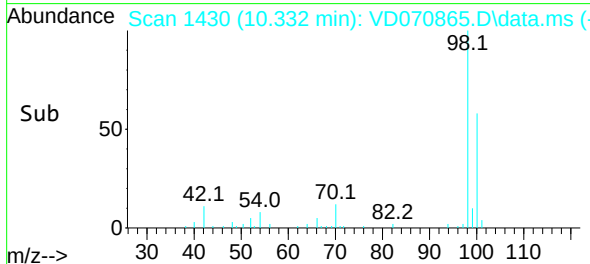
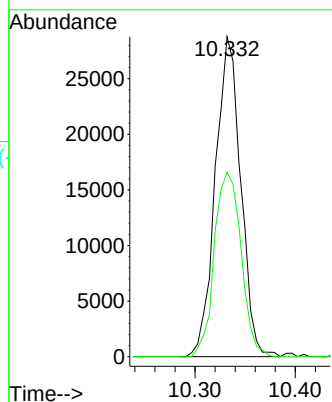
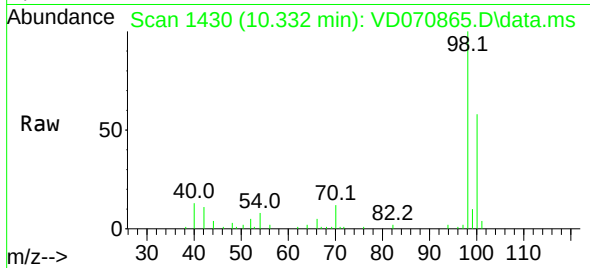




#50
Toluene-d8
Concen: 50.799 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

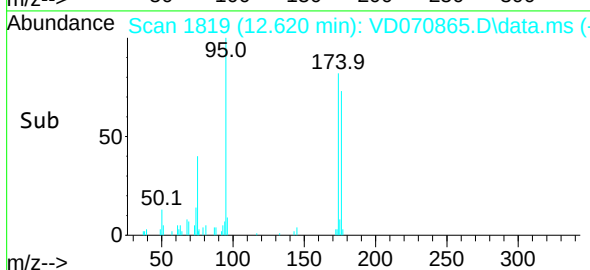
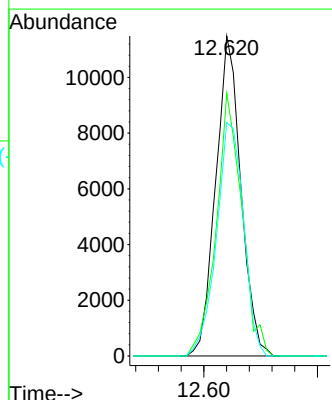
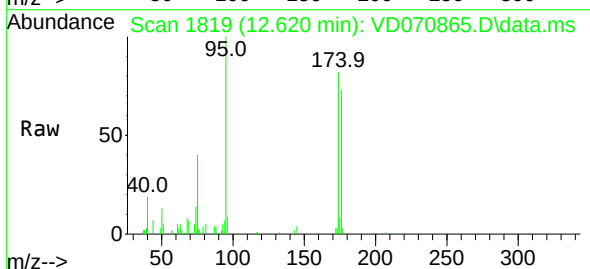
Instrument :
MSVOA_D
ClientSampled :

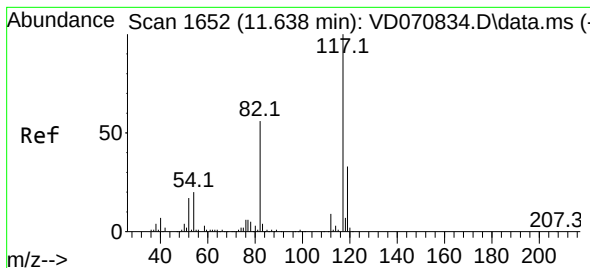
Tgt Ion: 98 Resp: 50573
Ion Ratio Lower Upper
98 100
100 60.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.729 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Tgt Ion: 95 Resp: 17649
Ion Ratio Lower Upper
95 100
174 83.8 0.0 159.4
176 78.8 0.0 154.0

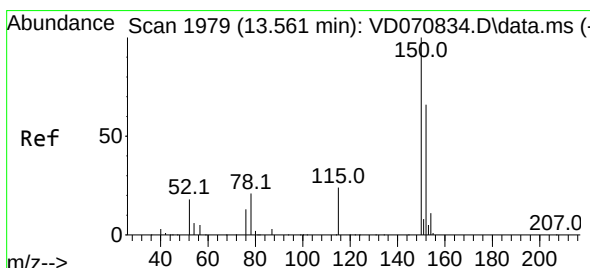
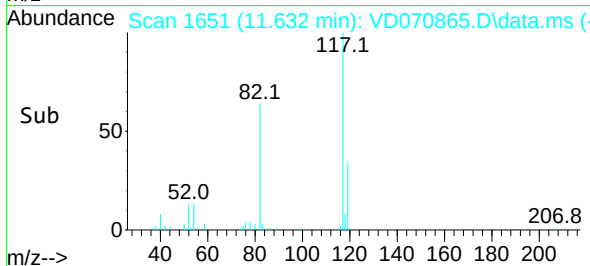
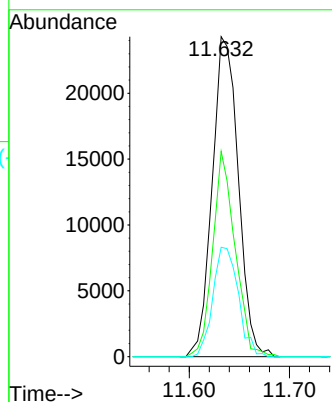
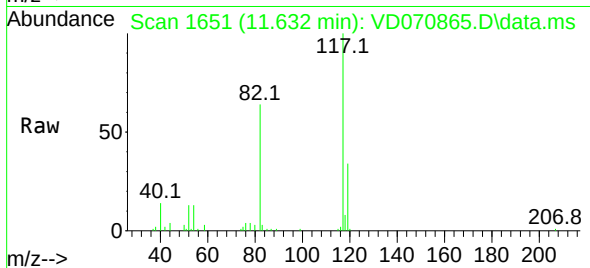




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

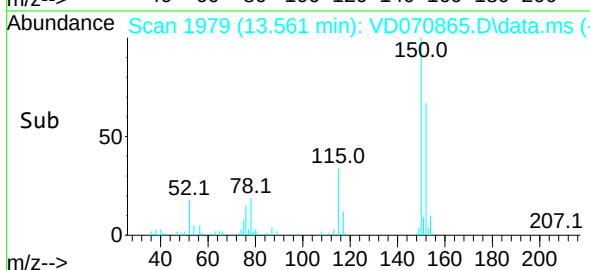
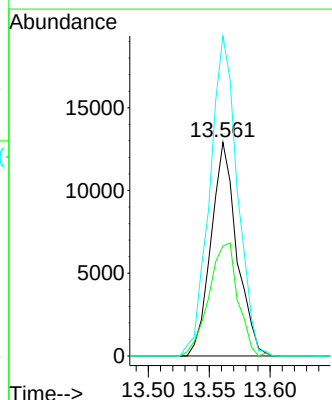
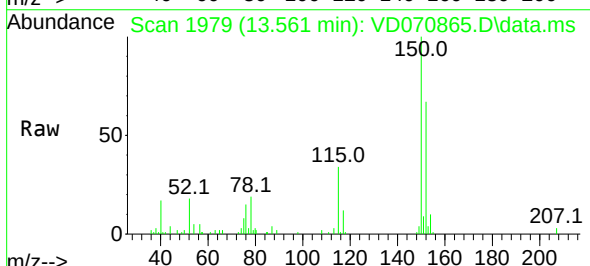
Instrument :
MSVOA_D
ClientSampleId :

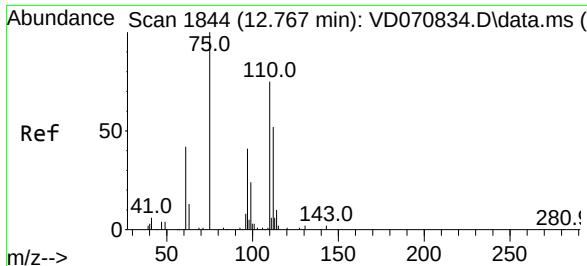
Tgt Ion:	117	Resp:	43898
Ion	Ratio	Lower	Upper
117	100		
82	64.2	44.7	67.1
119	34.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Tgt Ion:	152	Resp:	19014
Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.8	89.3
150	160.5	0.0	349.2

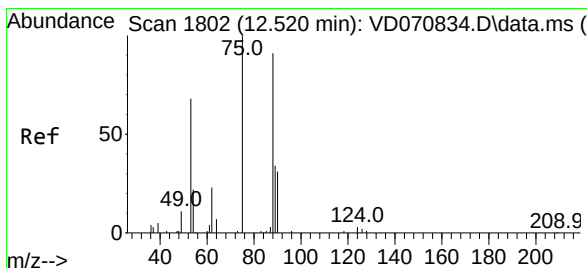
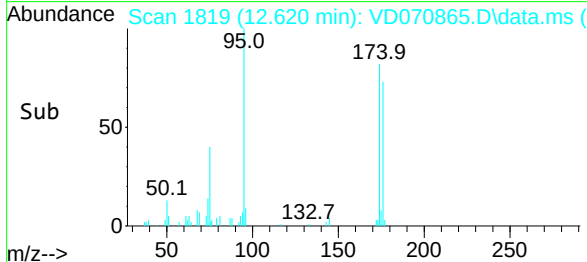
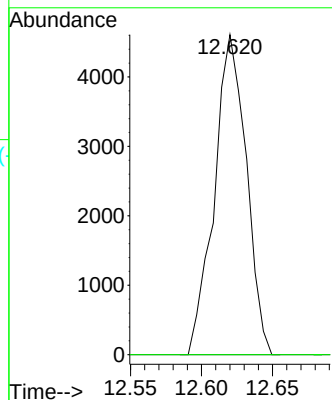
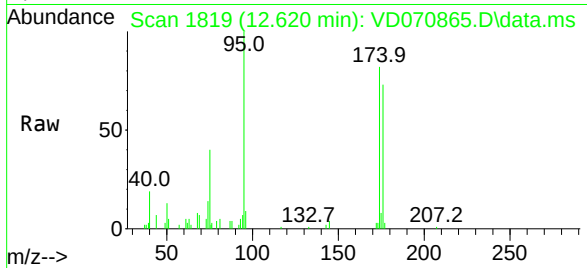




#76
1,2,3-Trichloropropane
Concen: 38.579 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

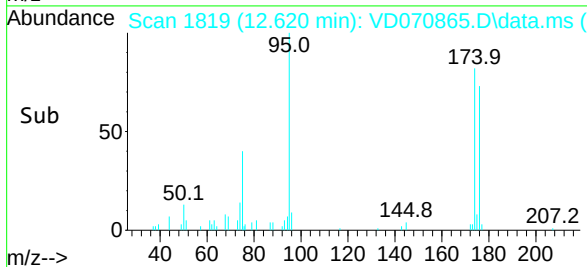
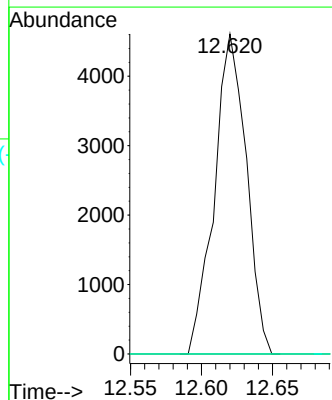
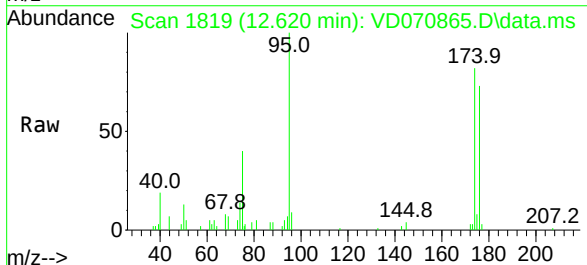
Instrument :
MSVOA_D
ClientSampleId :

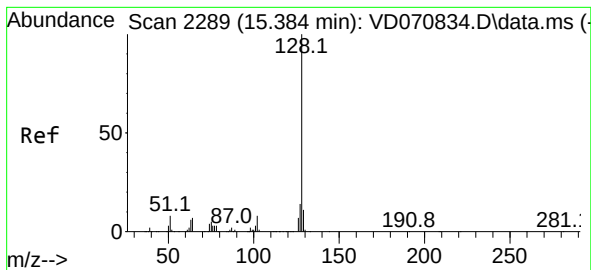
Tgt Ion: 75 Resp: 7221
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.255 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Tgt Ion: 75 Resp: 7221
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.229 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.011 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Instrument :
MSVOA_D
ClientSampleId :

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

