

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070863.D
 Acq On : 27 Oct 2021 14:51
 Operator : VA/SY
 Sample : M4348-03RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 28 03:56:12 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)

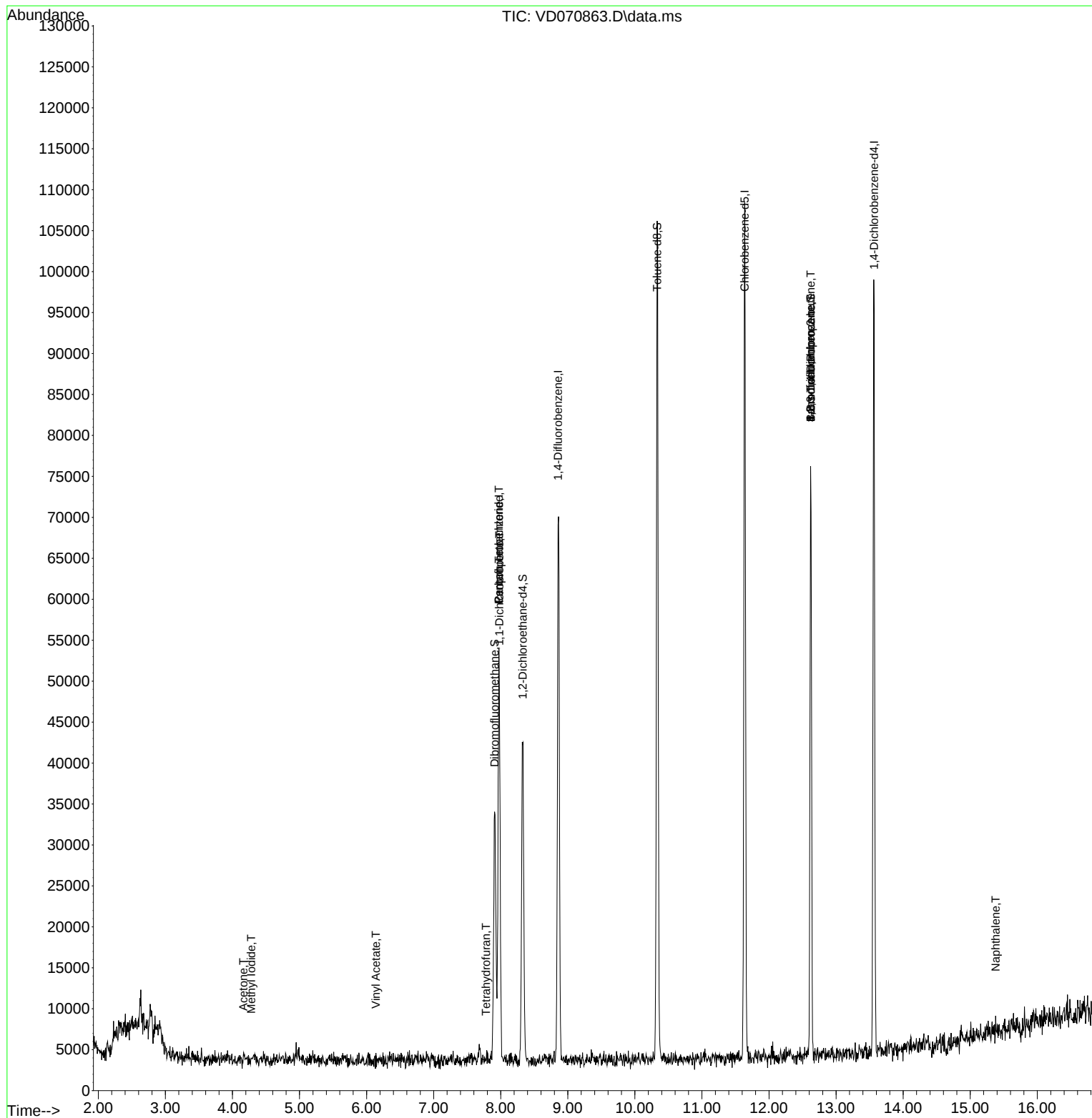
Internal Standards						
1) Pentafluorobenzene	7.973	168	35854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	57806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	61498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	30269	83.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.880%#	
35) Dibromofluoromethane	7.908	113	22747	59.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.360%	
50) Toluene-d8	10.332	98	72595	50.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.620	95	24663	52.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.260%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.279	142	129	3.885	ug/l #	40
16) Acetone	4.162	43	221	2.634	ug/l #	40
20) Methylene Chloride	4.950	84	603	Below Cal	#	70
23) Vinyl Acetate	6.138	43	84	14.548	ug/l #	72
29) Tetrahydrofuran	7.779	42	74	1.186	ug/l #	34
36) 1,1-Dichloropropene	7.979	75	2740	4.530	ug/l #	43
38) Carbon Tetrachloride	7.973	117	3898	6.409	ug/l #	12
71) Bromoform	12.620	173	295	1.193	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	11180	41.771	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	11180	109.633	ug/l #	18
95) Naphthalene	15.379	128	53	4.181	ug/l #	69

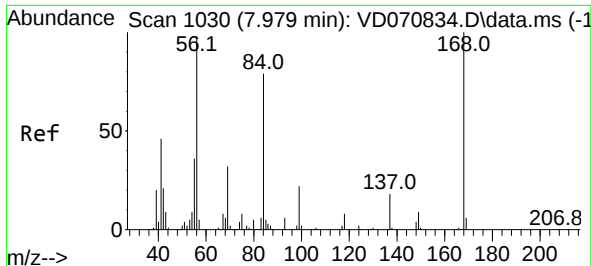
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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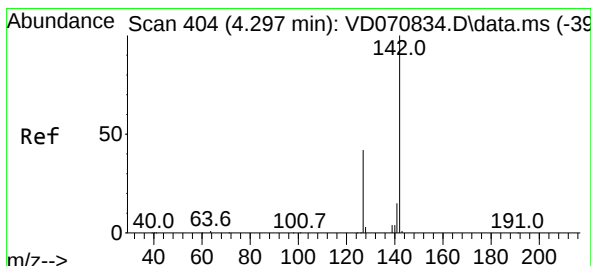
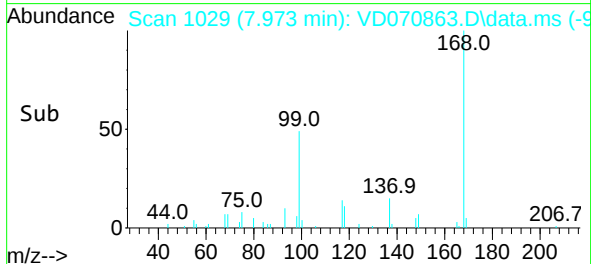
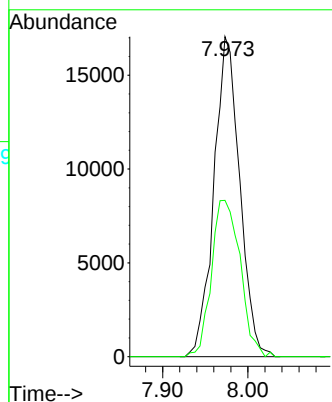
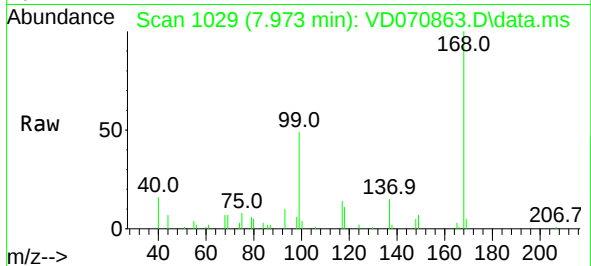




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

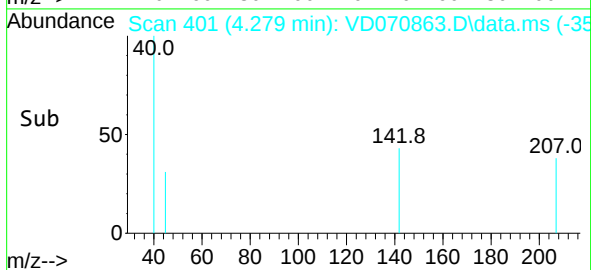
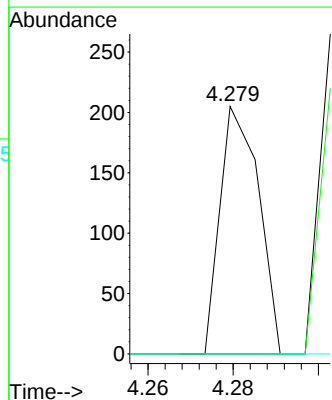
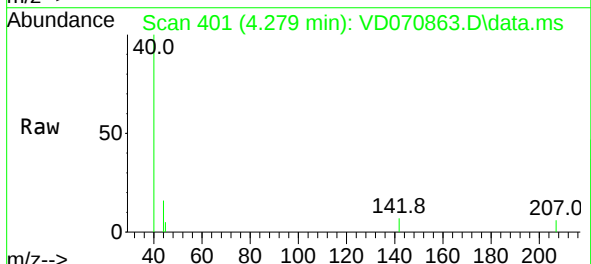
Instrument :
MSVOA_D
ClientSampleId :

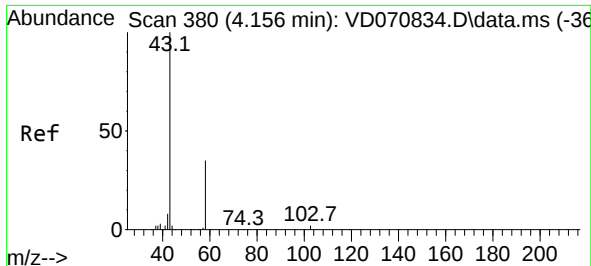
Tgt Ion:168 Resp: 35854
Ion Ratio Lower Upper
168 100
99 48.9 46.6 69.8



#10
Methyl Iodide
Concen: 3.885 ug/l
RT: 4.279 min Scan# 401
Delta R.T. -0.018 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion:142 Resp: 129
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#

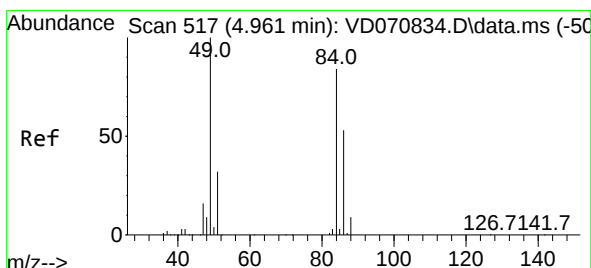
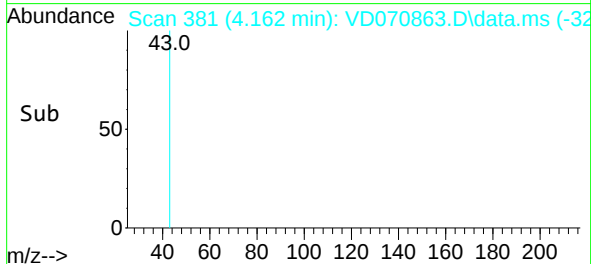
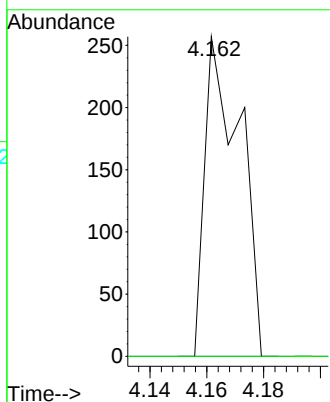
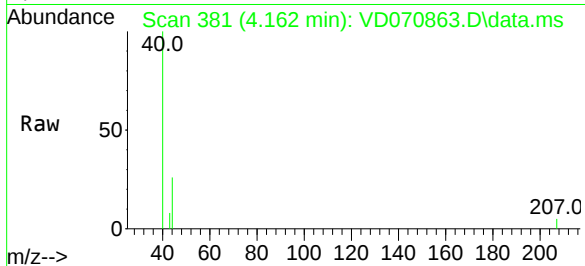




#16
Acetone
Concen: 2.634 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

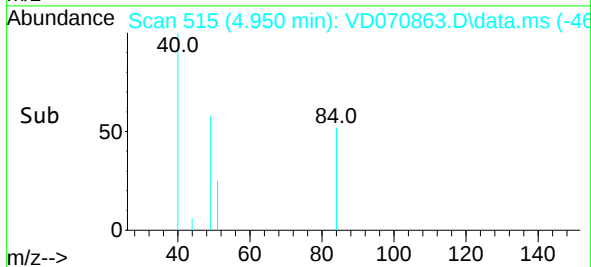
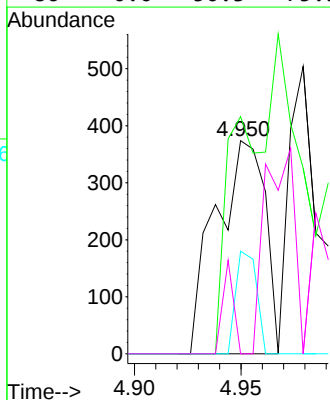
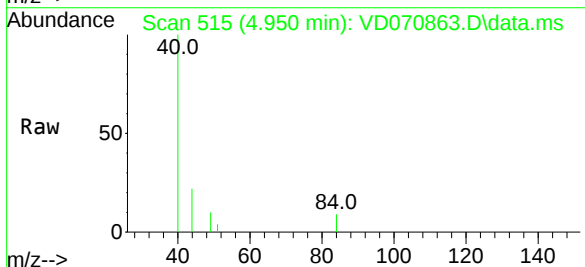
Instrument :
MSVOA_D
ClientSampled :

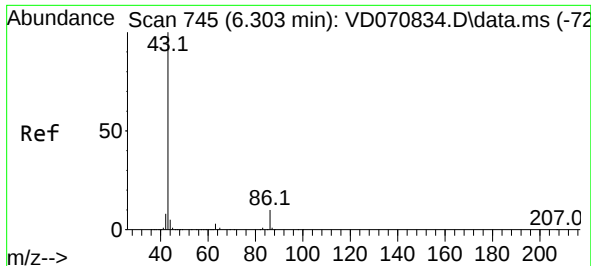
Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.011 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

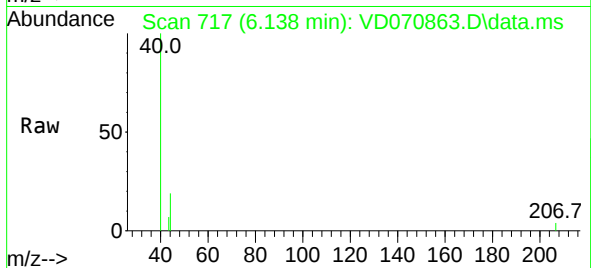
Tgt Ion: 84 Resp: 603
Ion Ratio Lower Upper
84 100
49 111.2 95.8 143.6
51 48.1 30.9 46.3#
86 0.0 50.3 75.5#



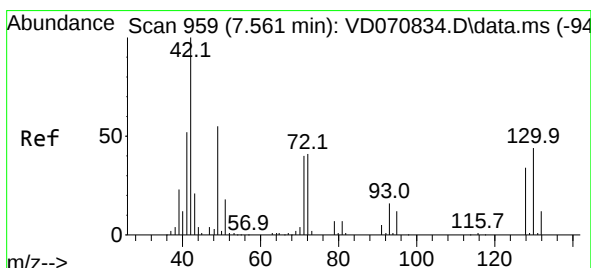
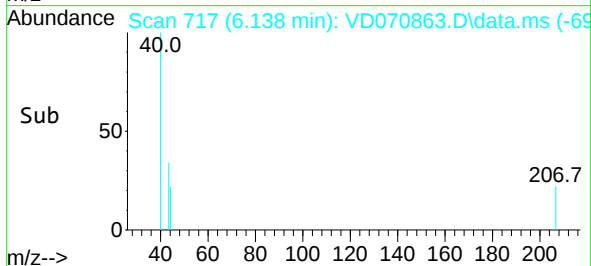
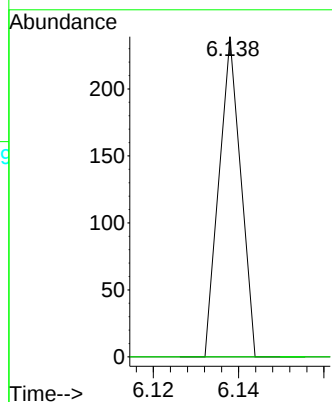


#23
 Vinyl Acetate
 Concen: 14.548 ug/l
 RT: 6.138 min Scan# 717
 Delta R.T. -0.165 min
 Lab File: VD070863.D
 Acq: 27 Oct 2021 14:51

Instrument :
 MSVOA_D
 ClientSampleId :

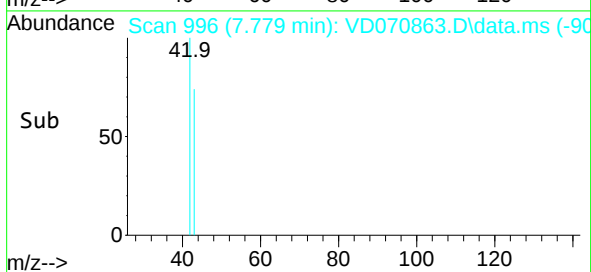
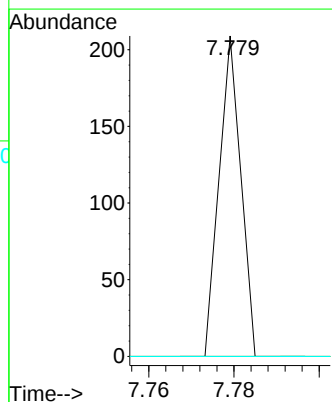
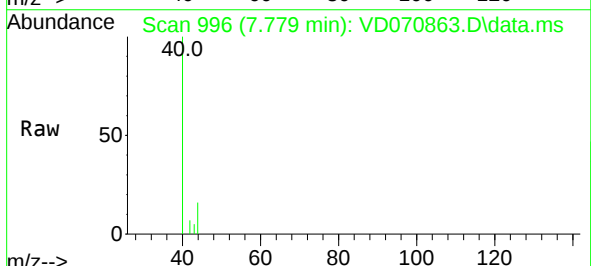


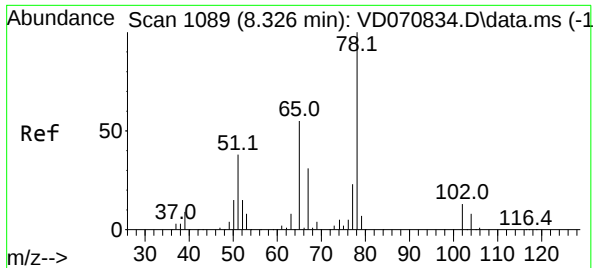
Tgt Ion: 43 Resp: 84
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#29
 Tetrahydrofuran
 Concen: 1.186 ug/l
 RT: 7.779 min Scan# 996
 Delta R.T. 0.218 min
 Lab File: VD070863.D
 Acq: 27 Oct 2021 14:51

Tgt Ion: 42 Resp: 74
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.7 50.5#
 71 0.0 32.7 49.1#

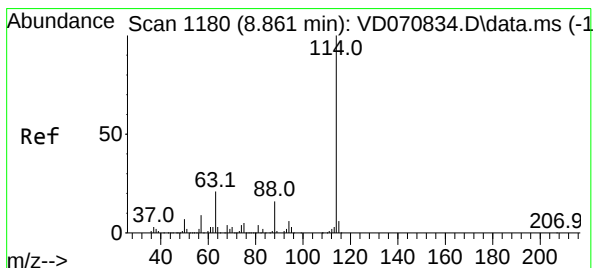
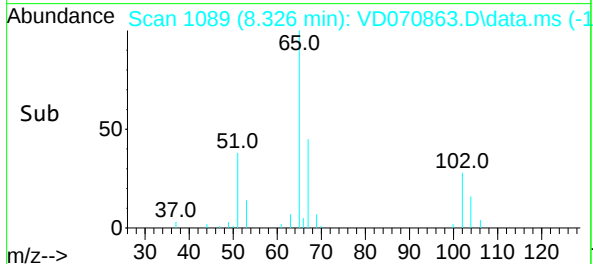
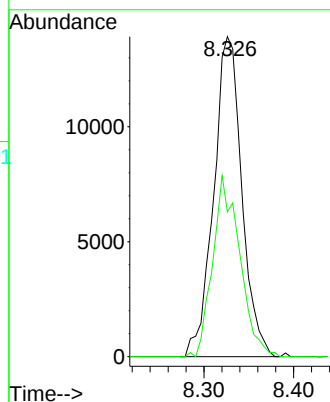
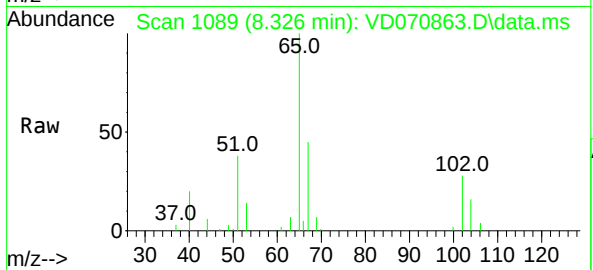




#33
1,2-Dichloroethane-d4
Concen: 83.940 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

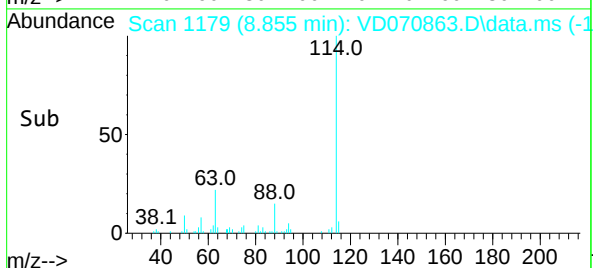
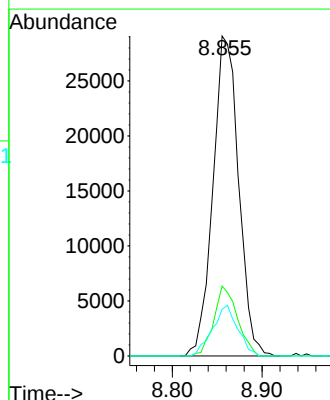
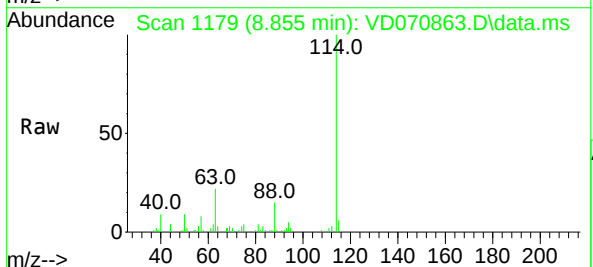
Instrument :
MSVOA_D
ClientSampled :

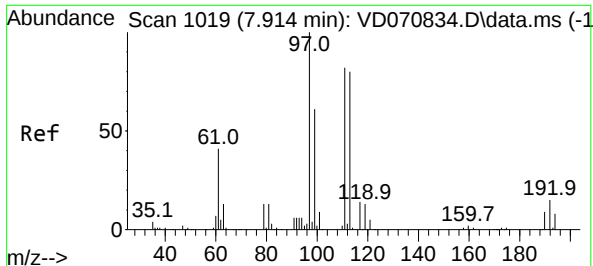
Tgt Ion: 65 Resp: 30269
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion: 114 Resp: 57806
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.8
88 14.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 59.681 ug/l

RT: 7.908 min Scan# 1018

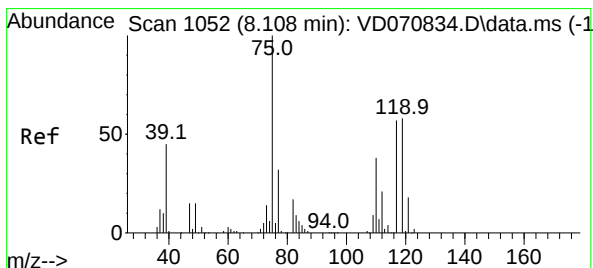
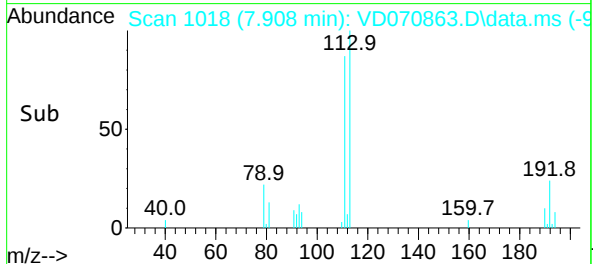
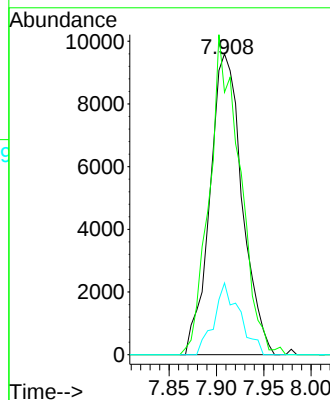
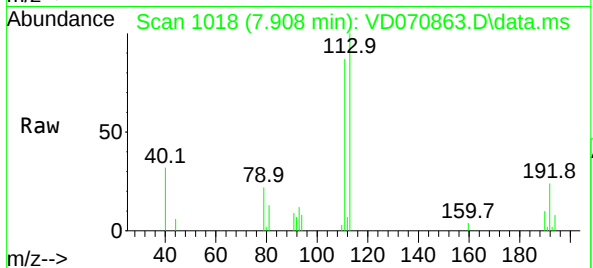
Delta R.T. -0.006 min

Lab File: VD070863.D

Acq: 27 Oct 2021 14:51

Tgt Ion:	113	Resp:	22747
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.0	123.0
192	19.0	15.2	22.8

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.530 ug/l

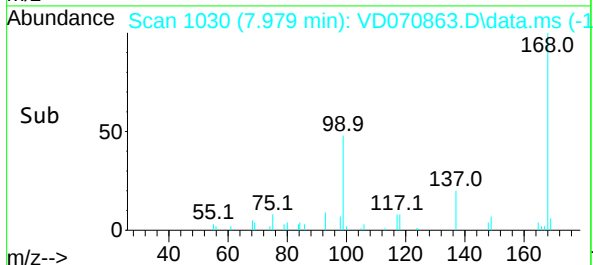
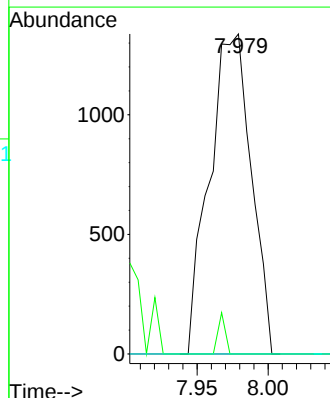
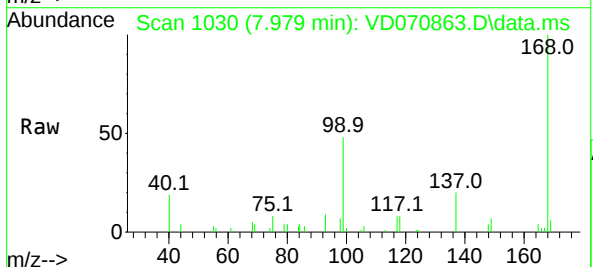
RT: 7.979 min Scan# 1030

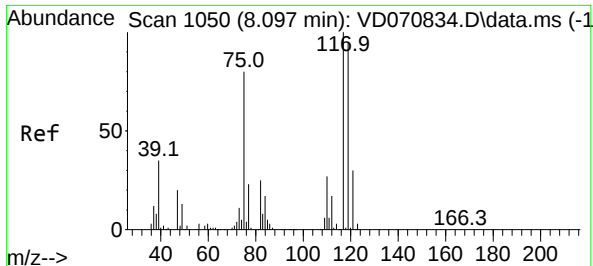
Delta R.T. -0.129 min

Lab File: VD070863.D

Acq: 27 Oct 2021 14:51

Tgt Ion:	75	Resp:	2740
Ion	Ratio	Lower	Upper
75	100		
110	2.2	17.8	53.4#
77	0.0	24.8	37.2#

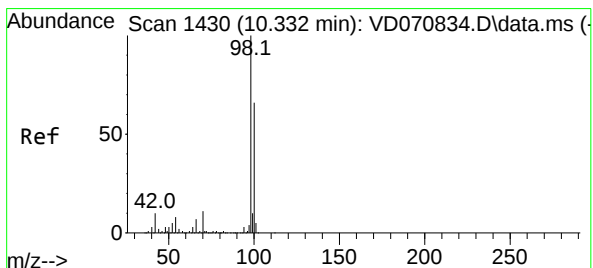
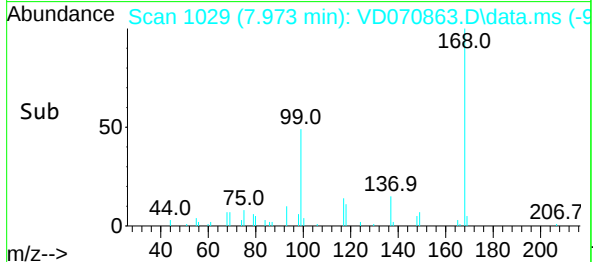
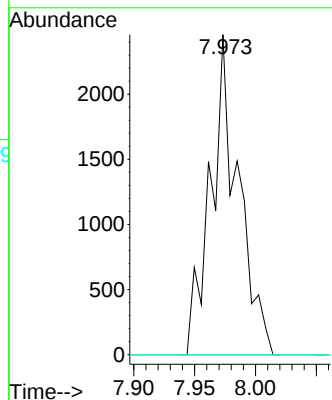
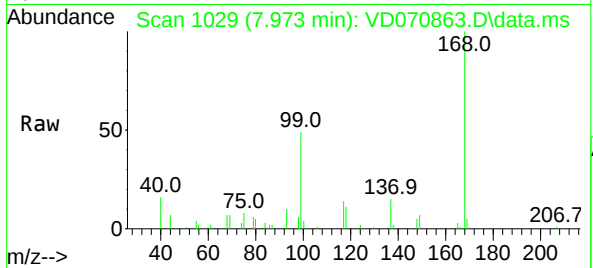




#38
Carbon Tetrachloride
Concen: 6.409 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

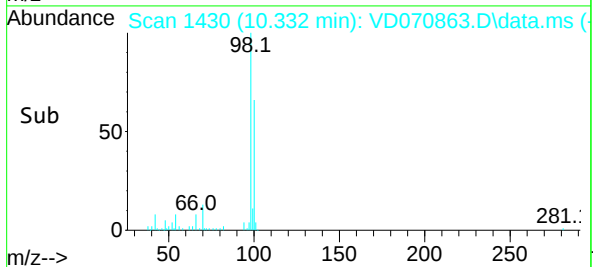
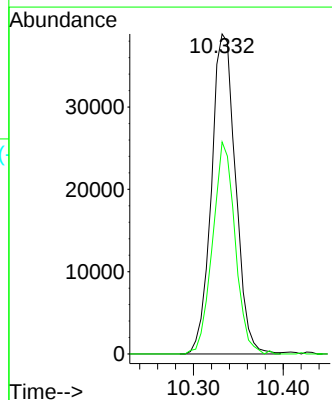
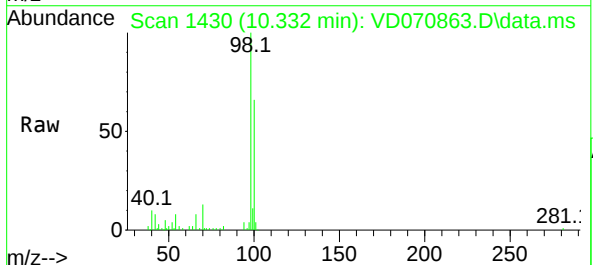
Instrument :
MSVOA_D
ClientSampleId :

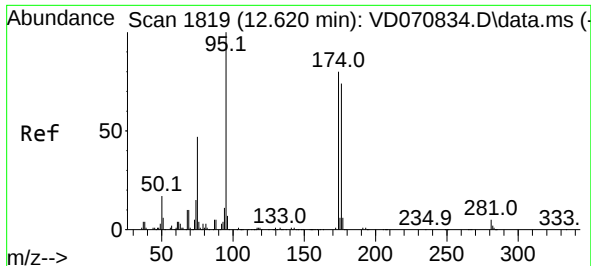
Tgt Ion:117 Resp: 3898
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion: 98 Resp: 72595
Ion Ratio Lower Upper
98 100
100 61.8 51.8 77.6

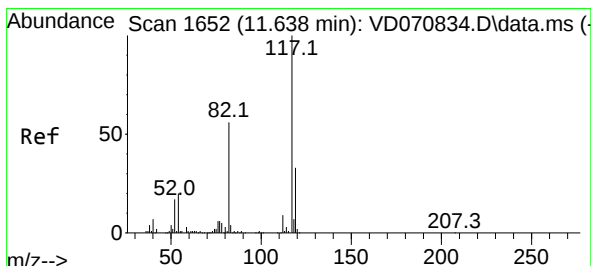
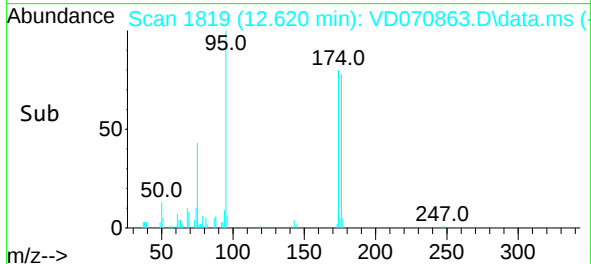
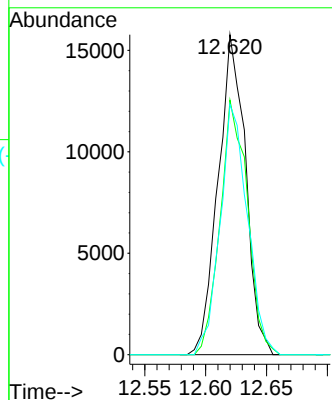
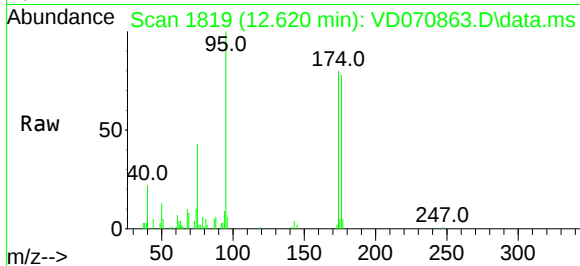




#62
4-Bromofluorobenzene
Concen: 52.129 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

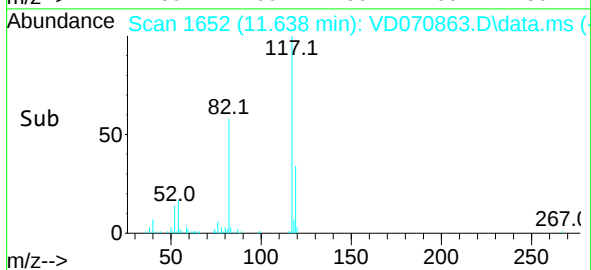
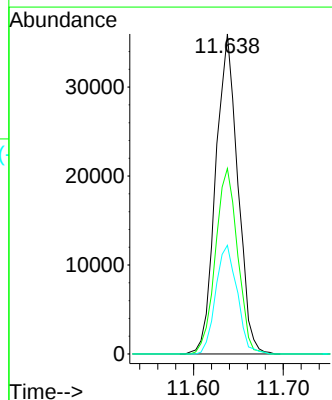
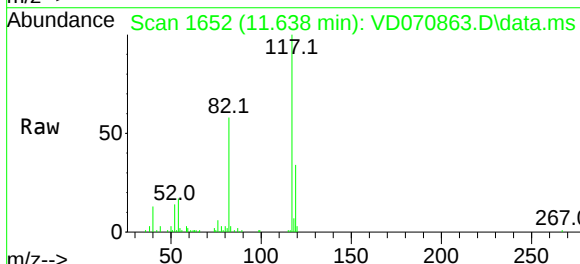
Instrument :
MSVOA_D
ClientSampleId :

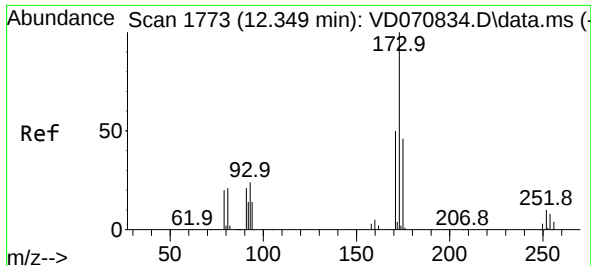
Tgt Ion:	95	Resp:	24663
Ion Ratio	Lower	Upper	
95	100		
174	79.6	0.0	159.4
176	78.5	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion:	117	Resp:	61498
Ion Ratio	Lower	Upper	
117	100		
82	58.0	44.7	67.1
119	33.9	26.2	39.4

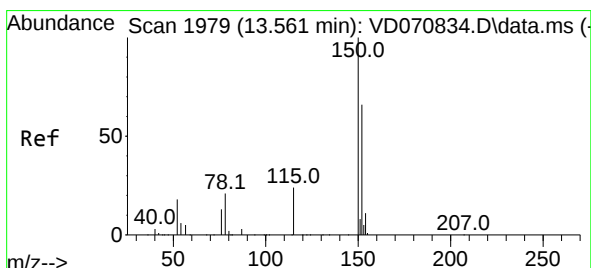
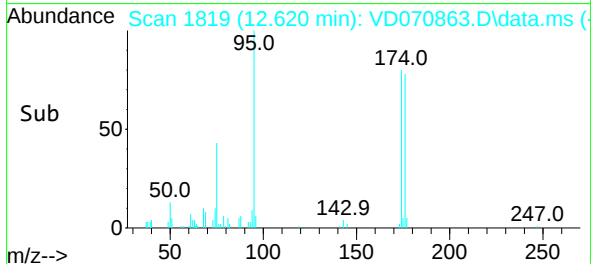
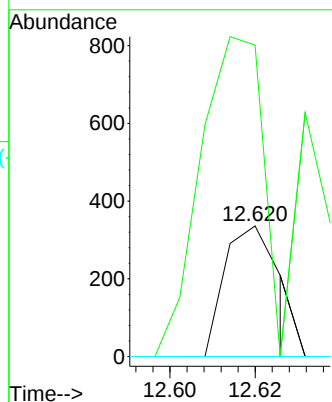
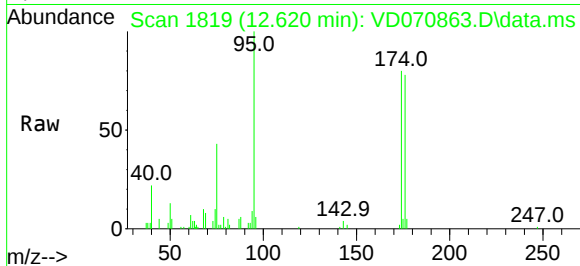




#71
Bromoform
Concen: 1.193 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

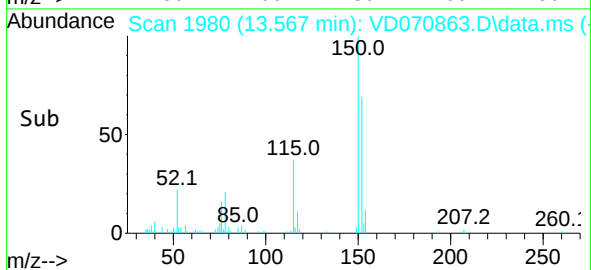
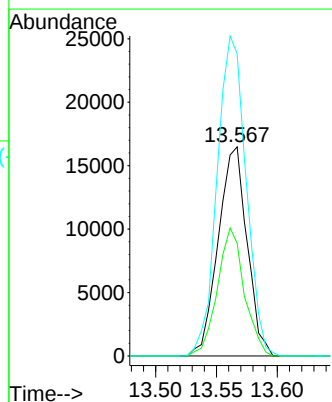
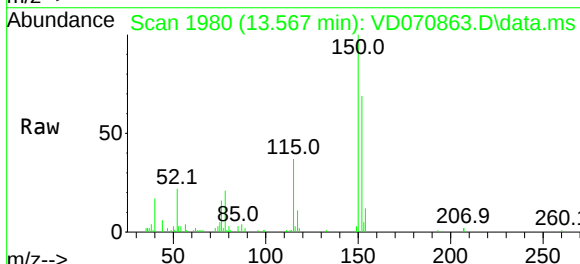
Instrument :
MSVOA_D
ClientSampleId :

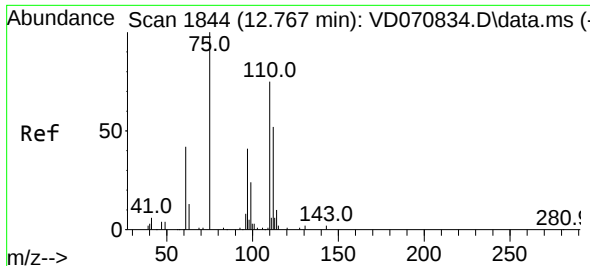
Tgt Ion:173 Resp: 295
Ion Ratio Lower Upper
173 100
175 284.1 24.1 72.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion:152 Resp: 27189
Ion Ratio Lower Upper
152 100
115 57.1 29.8 89.3
150 153.4 0.0 349.2

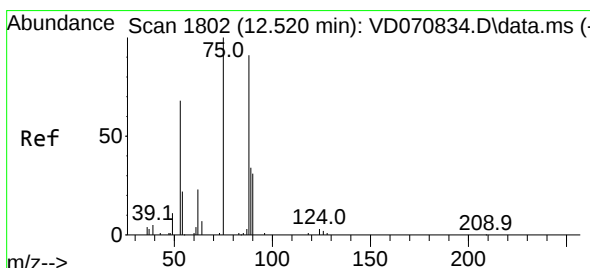
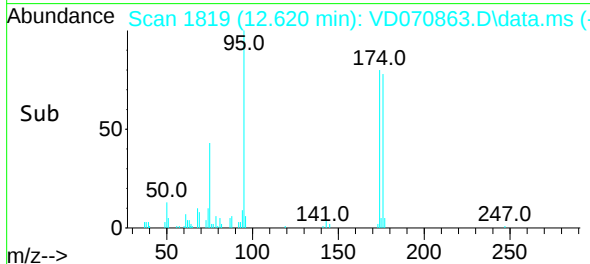
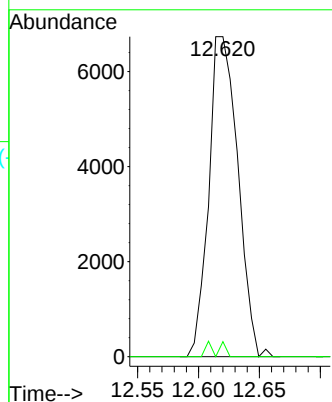
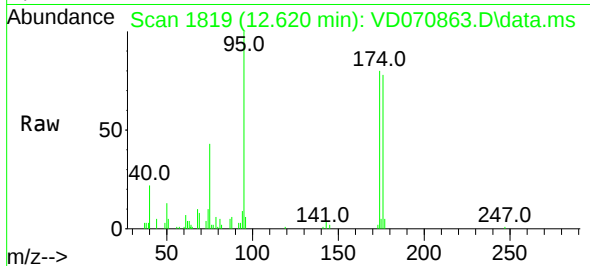




#76
1,2,3-Trichloropropane
Concen: 41.771 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

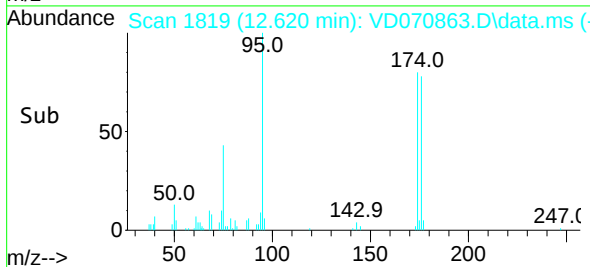
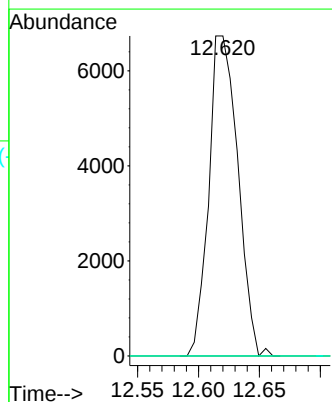
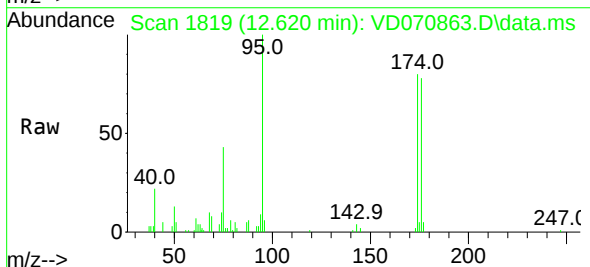
Instrument :
MSVOA_D
ClientSampleId :

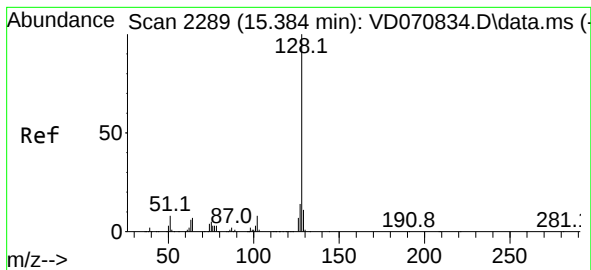
Tgt Ion: 75 Resp: 11180
Ion Ratio Lower Upper
75 100
77 2.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.633 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Tgt Ion: 75 Resp: 11180
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.181 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD070863.D
Acq: 27 Oct 2021 14:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 53
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

