

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070864.D
 Acq On : 27 Oct 2021 15:19
 Operator : VA/SY
 Sample : M4348-07RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 28 03:56:34 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)

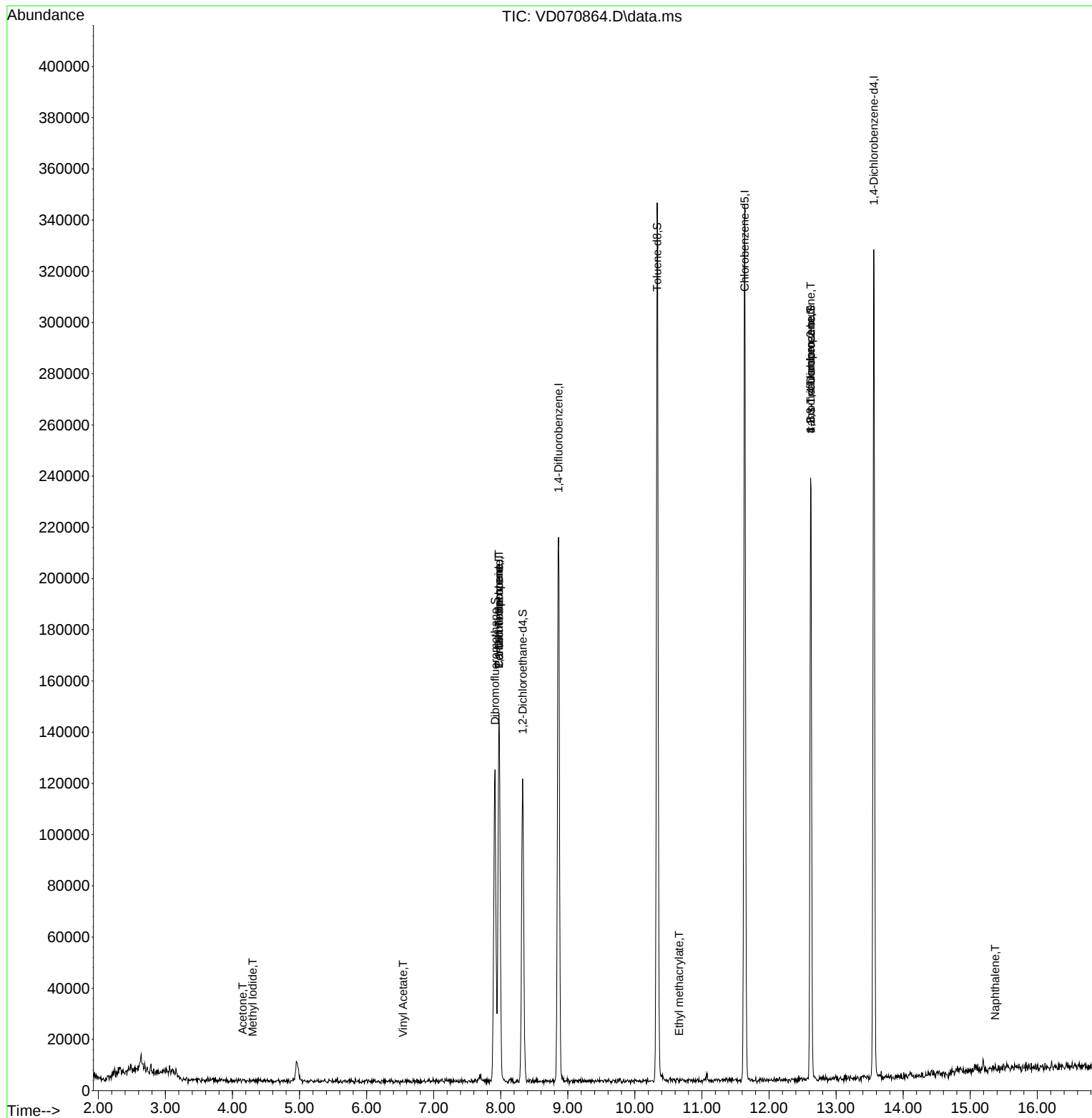
Internal Standards						
1) Pentafluorobenzene	7.973	168	105736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	188146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	205973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	91981	86.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.980%#	
35) Dibromofluoromethane	7.914	113	87465	70.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.020%	
50) Toluene-d8	10.332	98	244223	52.328	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.620	95	79893	51.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	1147	Below Cal	#	68
10) Methyl Iodide	4.303	142	137	3.709	ug/l #	40
16) Acetone	4.150	43	249	1.006	ug/l #	40
20) Methylene Chloride	4.956	84	6092	Below Cal	#	85
23) Vinyl Acetate	6.544	43	60	14.447	ug/l #	72
36) 1,1-Dichloropropene	7.973	75	9074	4.610	ug/l #	46
38) Carbon Tetrachloride	7.973	117	10523	5.316	ug/l #	22
56) Ethyl methacrylate	10.661	69	56	2.882	ug/l #	28
76) 1,2,3-Trichloropropane	12.620	75	37202	41.086	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	37202	107.835	ug/l #	18
95) Naphthalene	15.373	128	268	4.209	ug/l #	69

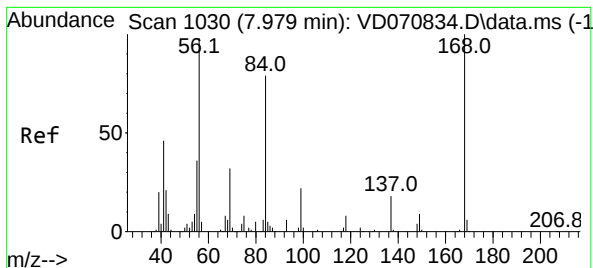
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
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Quant Time: Oct 28 03:56:34 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: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070864.D

Acq: 27 Oct 2021 15:19

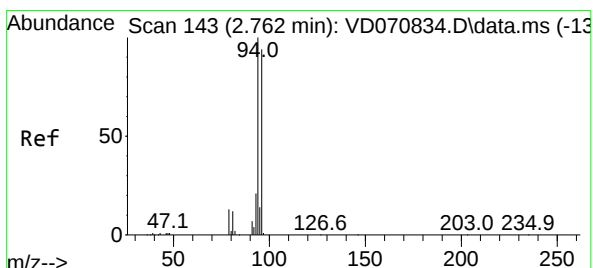
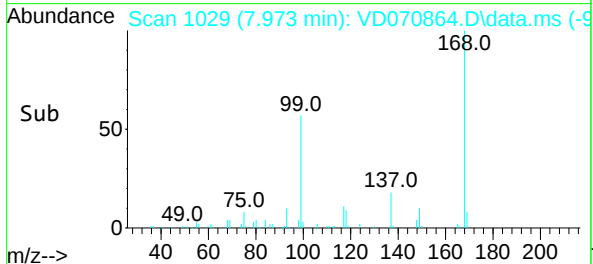
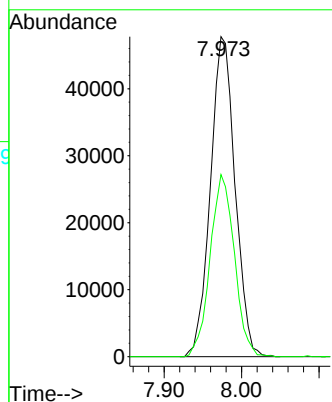
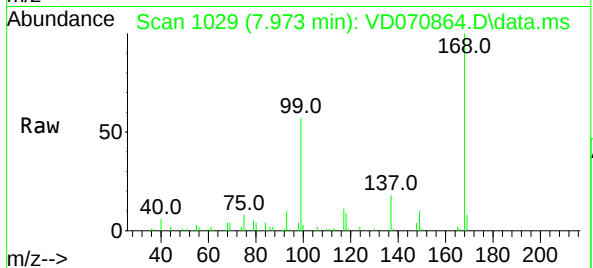
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 105736

Ion Ratio Lower Upper

168 100

99 56.9 46.6 69.8



#5

Bromomethane

Concen: Below Cal

RT: 2.768 min Scan# 144

Delta R.T. 0.006 min

Lab File: VD070864.D

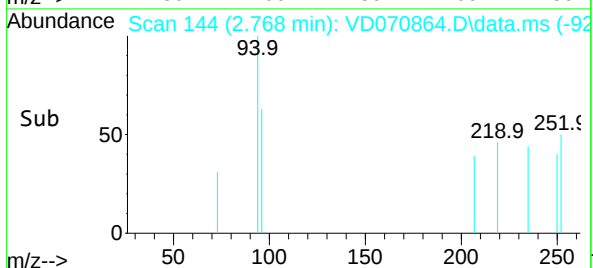
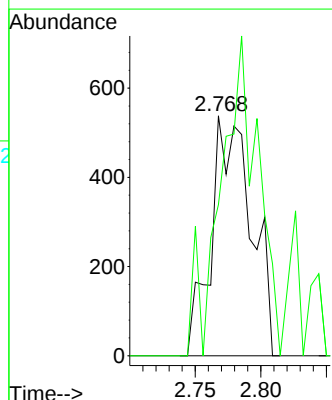
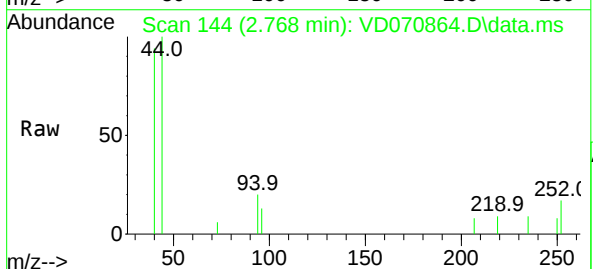
Acq: 27 Oct 2021 15:19

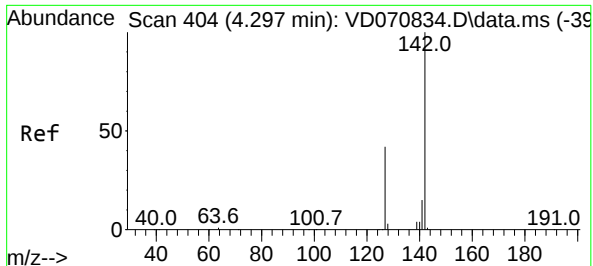
Tgt Ion: 94 Resp: 1147

Ion Ratio Lower Upper

94 100

96 63.0 74.8 112.2#

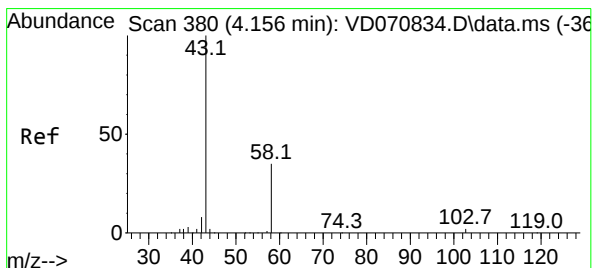
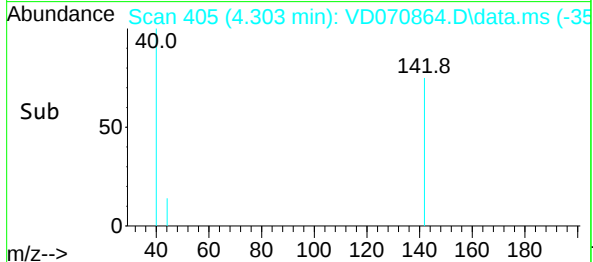
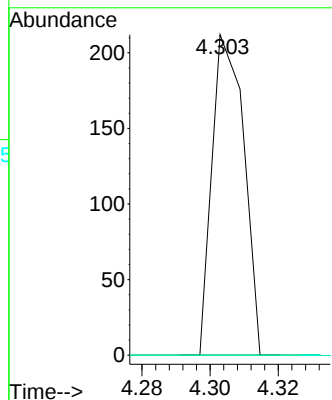
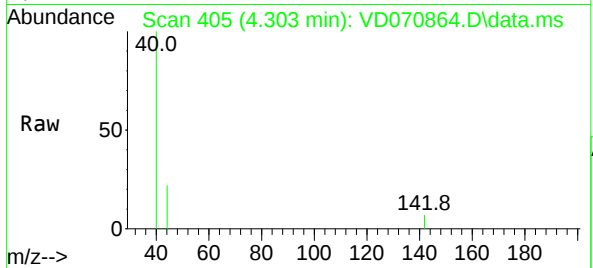




#10
Methyl Iodide
Concen: 3.709 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

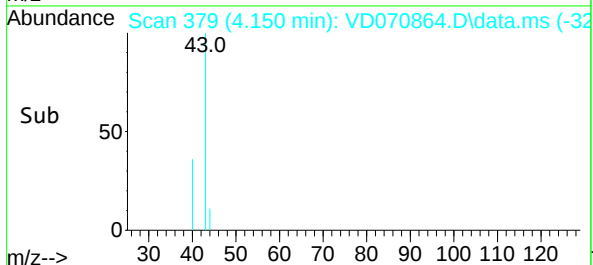
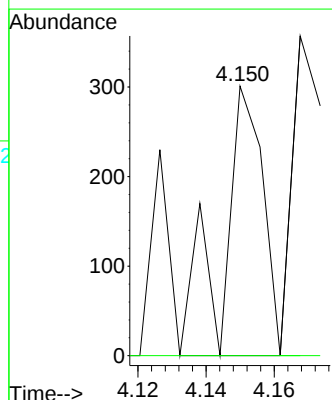
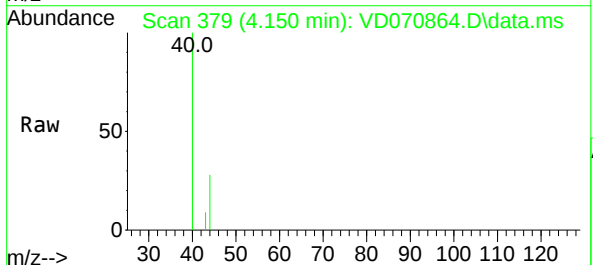
Instrument :
MSVOA_D
ClientSampled :

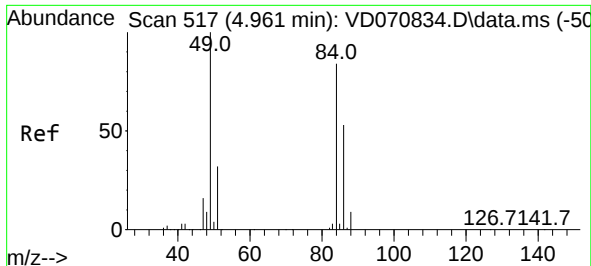
Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 1.006 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

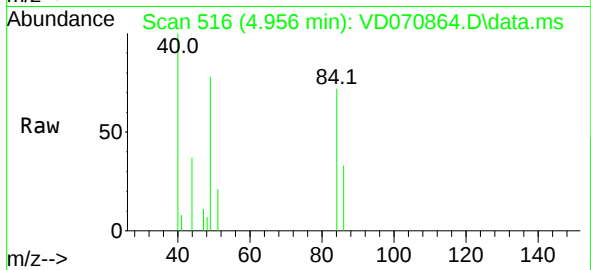
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



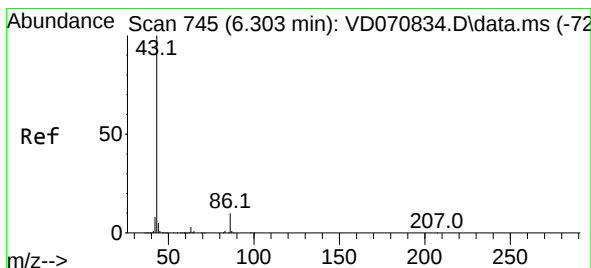
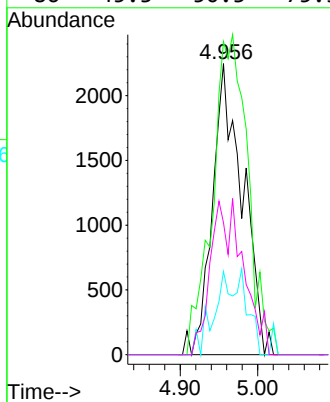
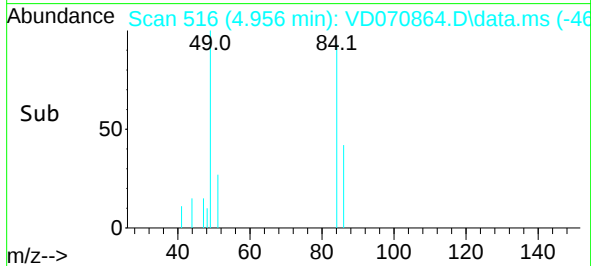


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

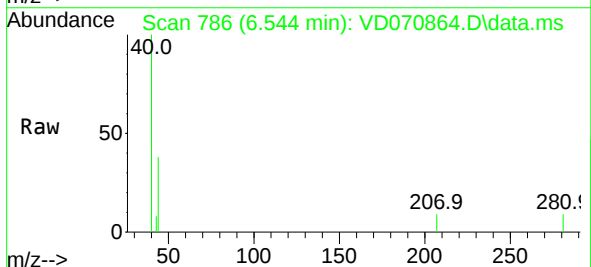
Instrument :
MSVOA_D
ClientSampleId :



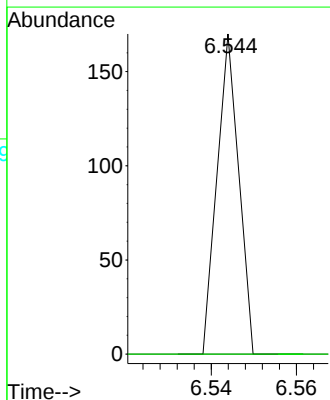
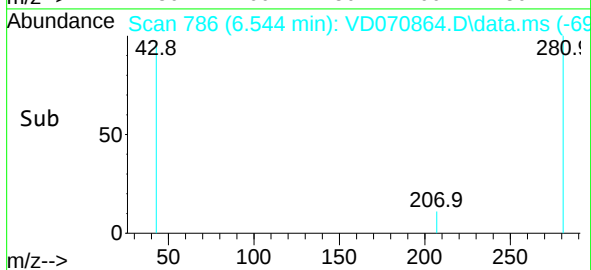
Tgt Ion:	84	Resp:	6092
Ion	Ratio	Lower	Upper
84	100		
49	107.6	95.8	143.6
51	28.6	30.9	46.3#
86	45.3	50.3	75.5#

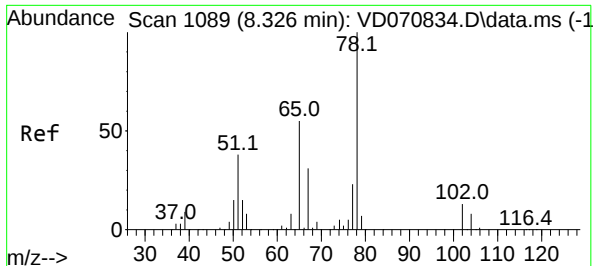


#23
Vinyl Acetate
Concen: 14.447 ug/l
RT: 6.544 min Scan# 786
Delta R.T. 0.241 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19



Tgt Ion:	43	Resp:	60
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#

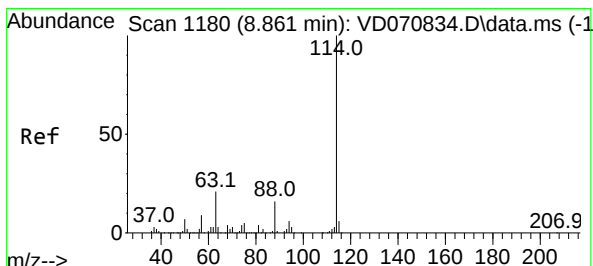
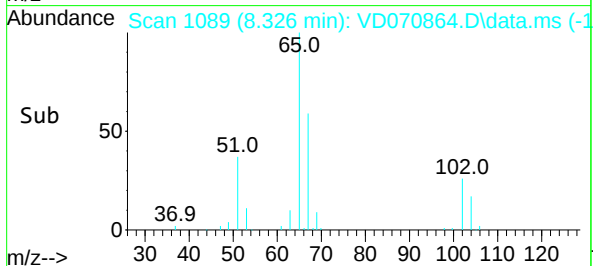
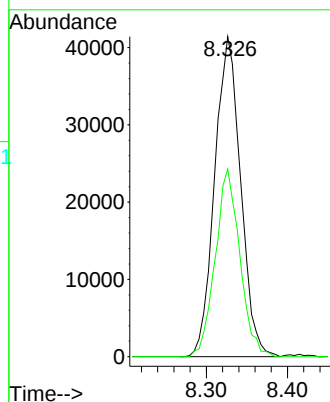
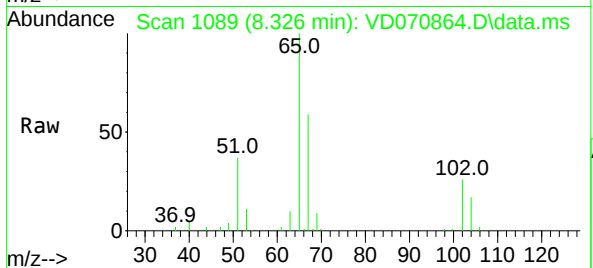




#33
1,2-Dichloroethane-d4
Concen: 86.494 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

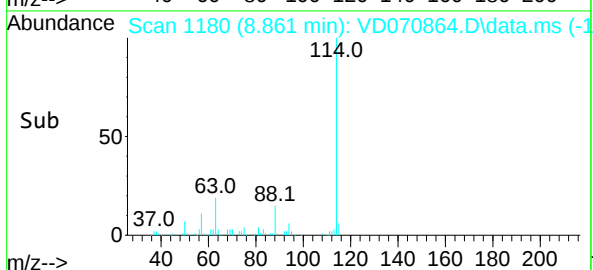
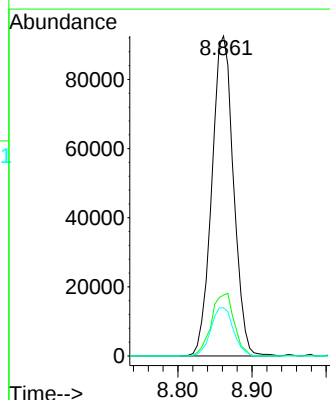
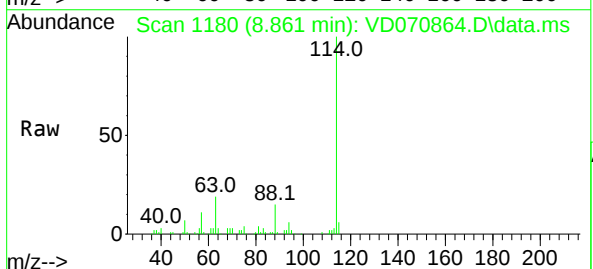
Instrument :
MSVOA_D
ClientSampled :

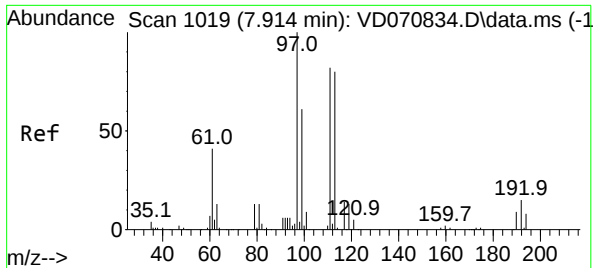
Tgt Ion: 65 Resp: 91981
Ion Ratio Lower Upper
65 100
67 55.5 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion: 114 Resp: 188146
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.8
88 15.1 0.0 32.8

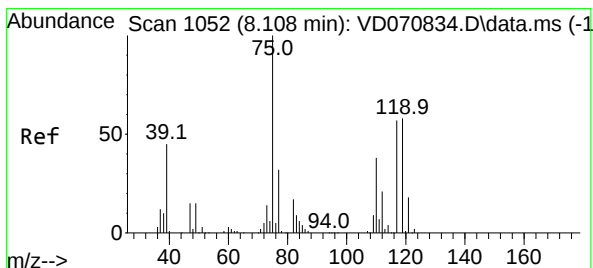
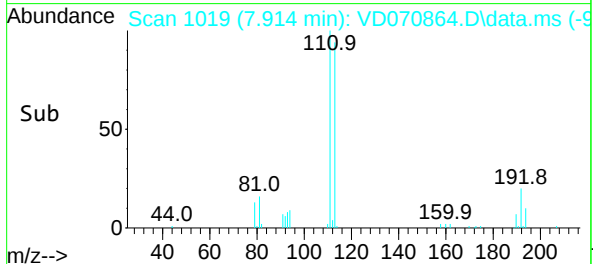
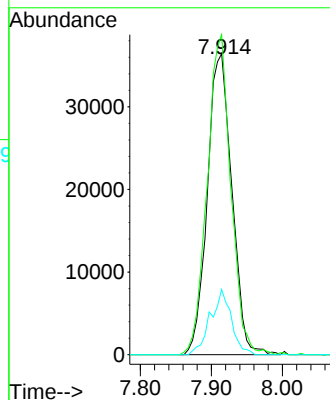
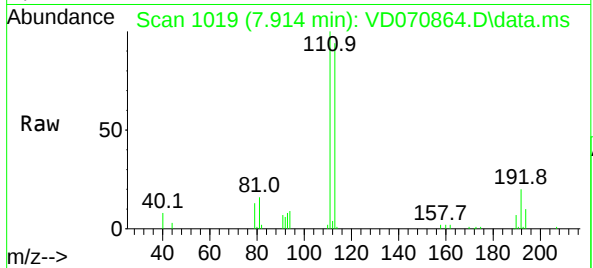




#35
Dibromofluoromethane
Concen: 70.506 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

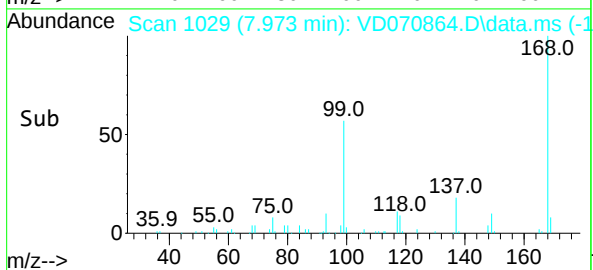
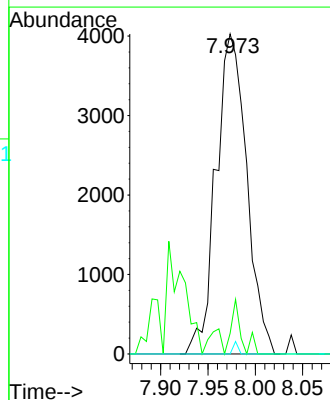
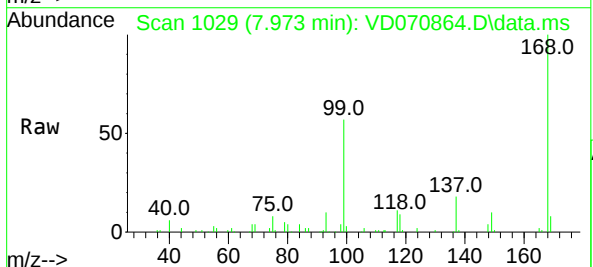
Instrument :
MSVOA_D
ClientSampled :

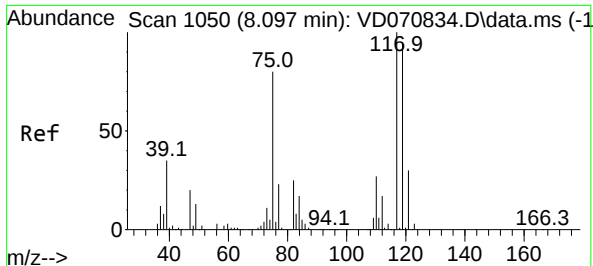
Tgt Ion:113 Resp: 87465
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 18.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

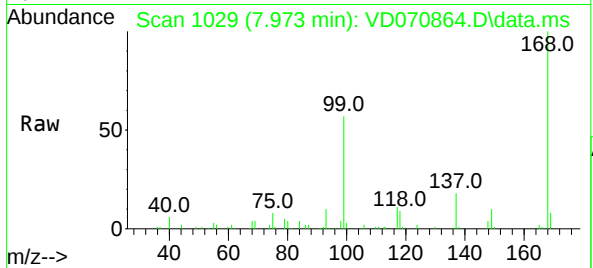
Tgt Ion: 75 Resp: 9074
Ion Ratio Lower Upper
75 100
110 4.5 17.8 53.4#
77 0.6 24.8 37.2#



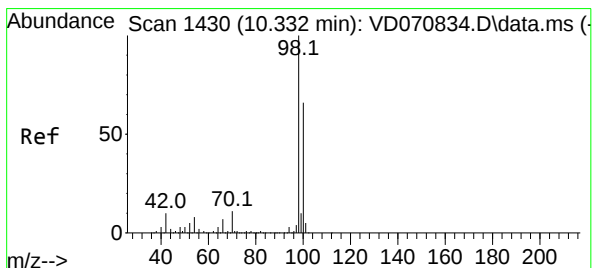
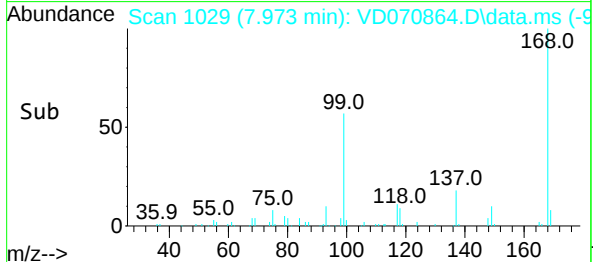
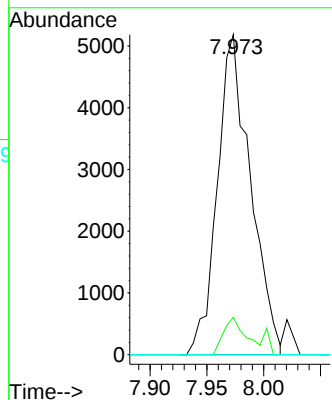


#38
Carbon Tetrachloride
Concen: 5.316 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Instrument :
MSVOA_D
ClientSampled :

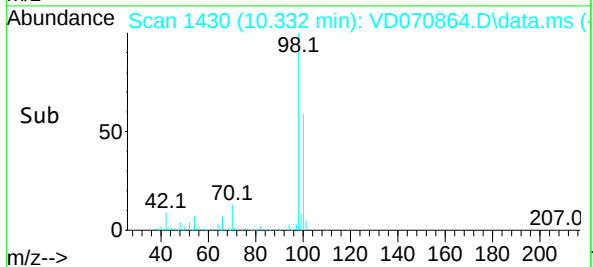
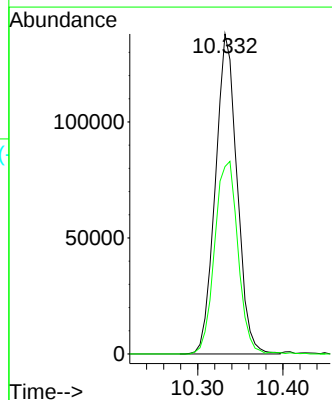
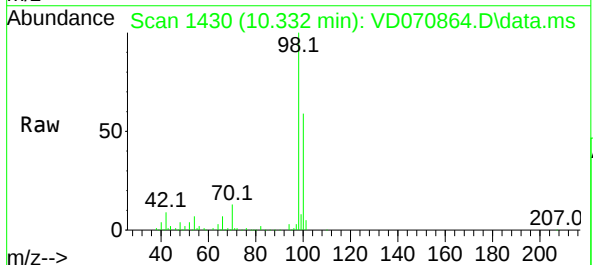


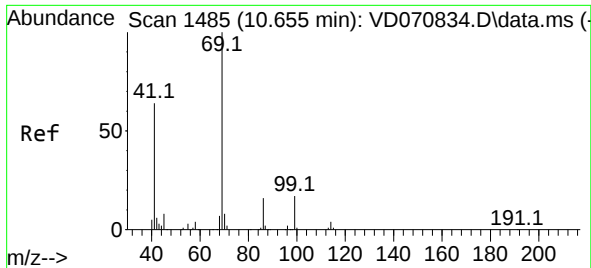
Tgt Ion:117 Resp: 10523
Ion Ratio Lower Upper
117 100
119 11.7 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 52.328 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion: 98 Resp: 244223
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

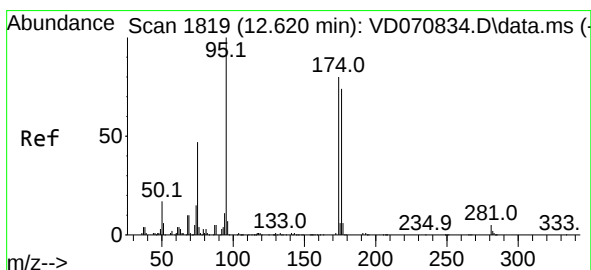
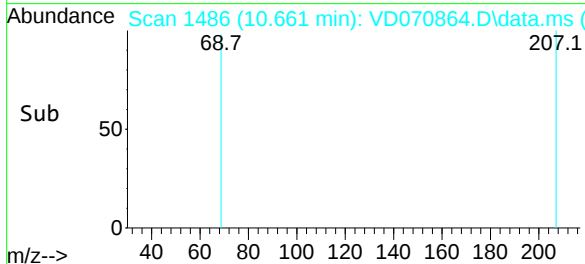
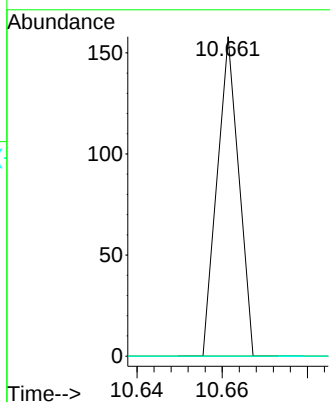
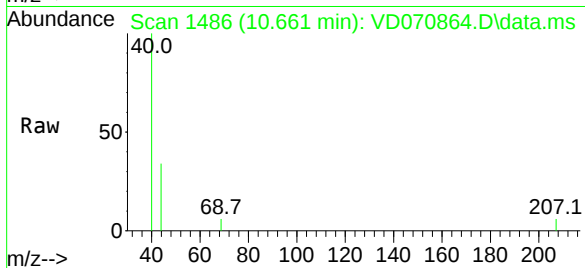




#56
Ethyl methacrylate
Concen: 2.882 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

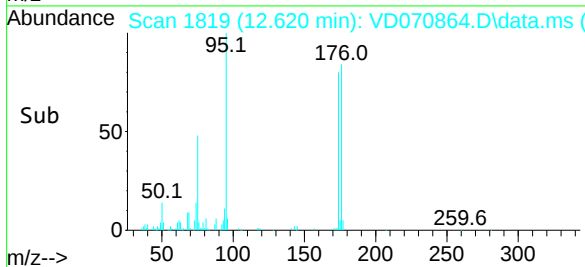
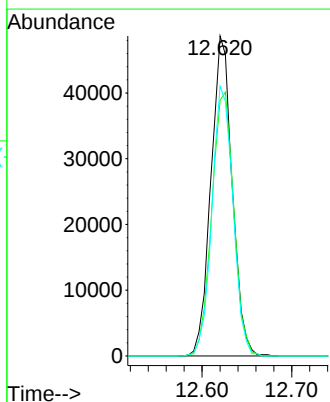
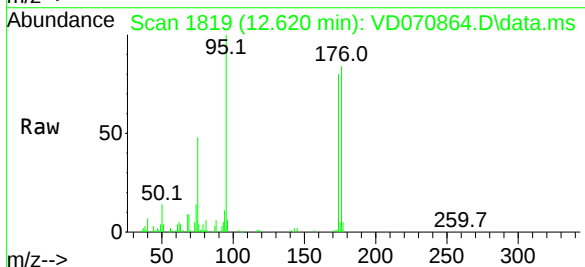
Instrument :
MSVOA_D
ClientSampleId :

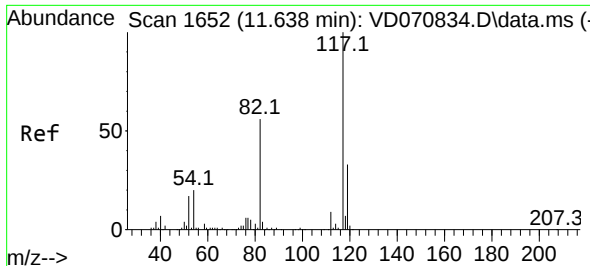
Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 0.0 19.8 29.8#



#62
4-Bromofluorobenzene
Concen: 51.882 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion: 95 Resp: 79893
Ion Ratio Lower Upper
95 100
174 85.7 0.0 159.4
176 83.7 0.0 154.0

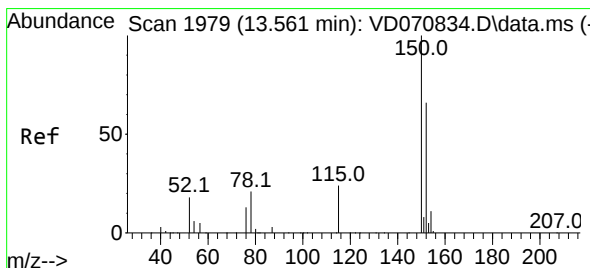
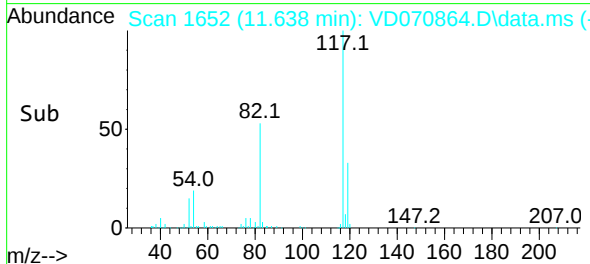
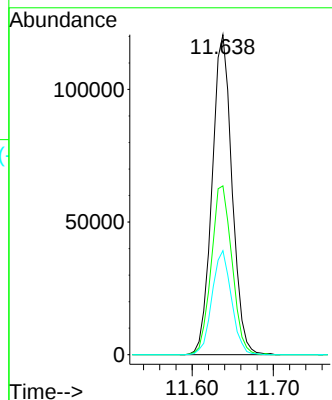
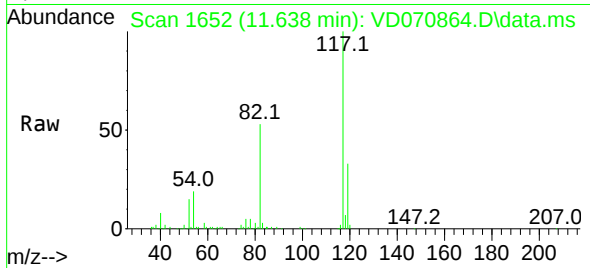




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

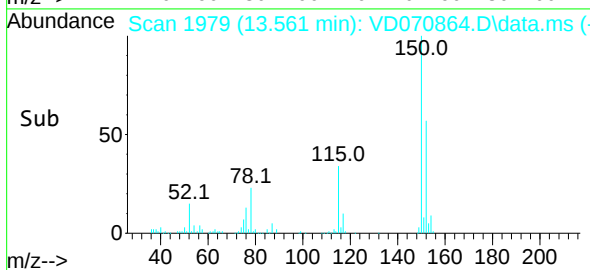
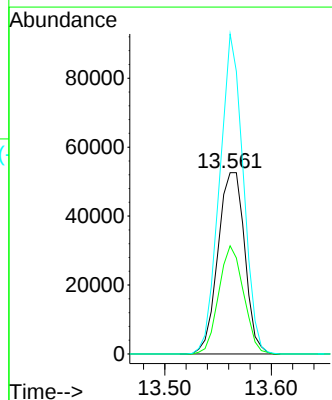
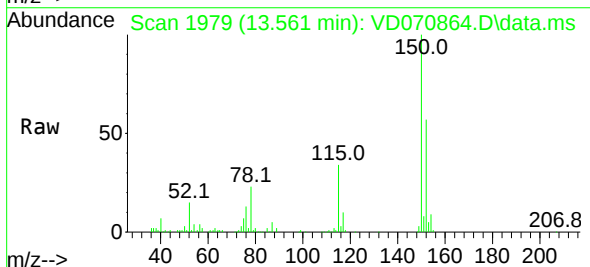
Instrument :
MSVOA_D
ClientSampleId :

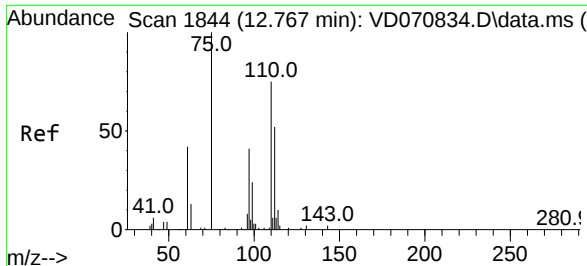
Tgt Ion:117 Resp: 205973
Ion Ratio Lower Upper
117 100
82 52.7 44.7 67.1
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion:152 Resp: 91981
Ion Ratio Lower Upper
152 100
115 55.2 29.8 89.3
150 156.0 0.0 349.2

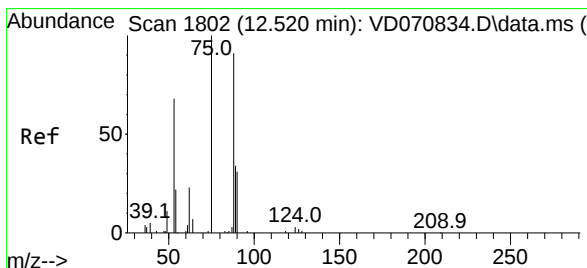
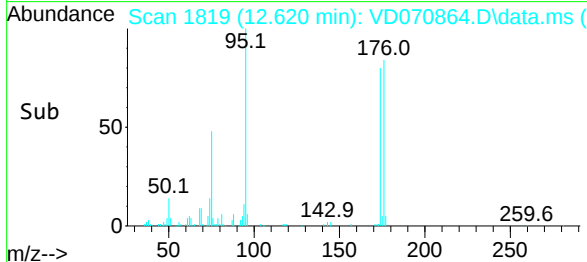
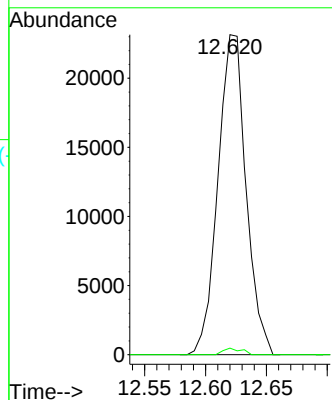
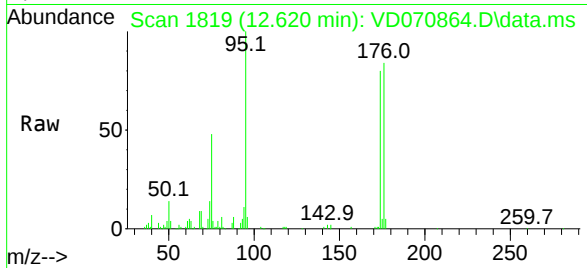




#76
1,2,3-Trichloropropane
Concen: 41.086 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

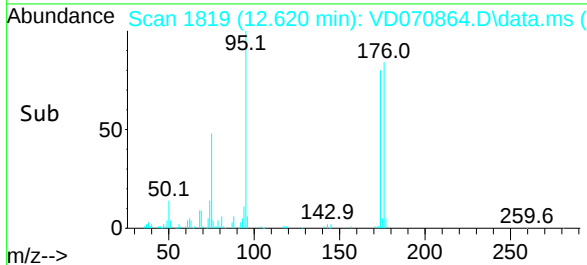
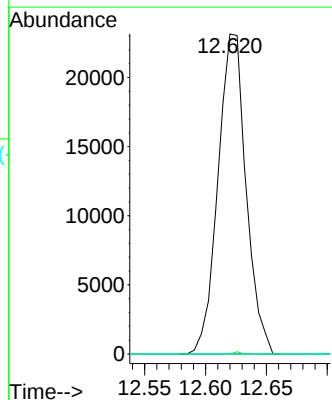
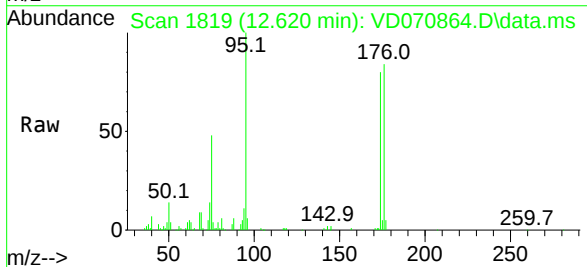
Instrument :
MSVOA_D
ClientSampled :

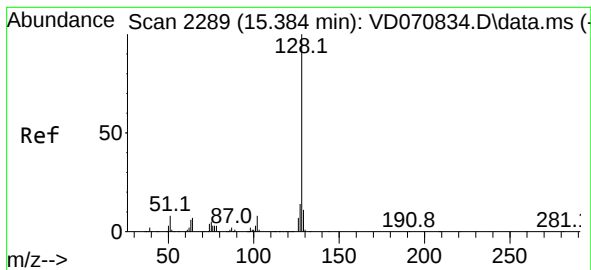
Tgt Ion: 75 Resp: 37202
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.835 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Tgt Ion: 75 Resp: 37202
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.209 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.011 min
Lab File: VD070864.D
Acq: 27 Oct 2021 15:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 268
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

