

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070889.D
 Acq On : 28 Oct 2021 13:32
 Operator : VA/SY
 Sample : M4358-07RE
 Misc : 4.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

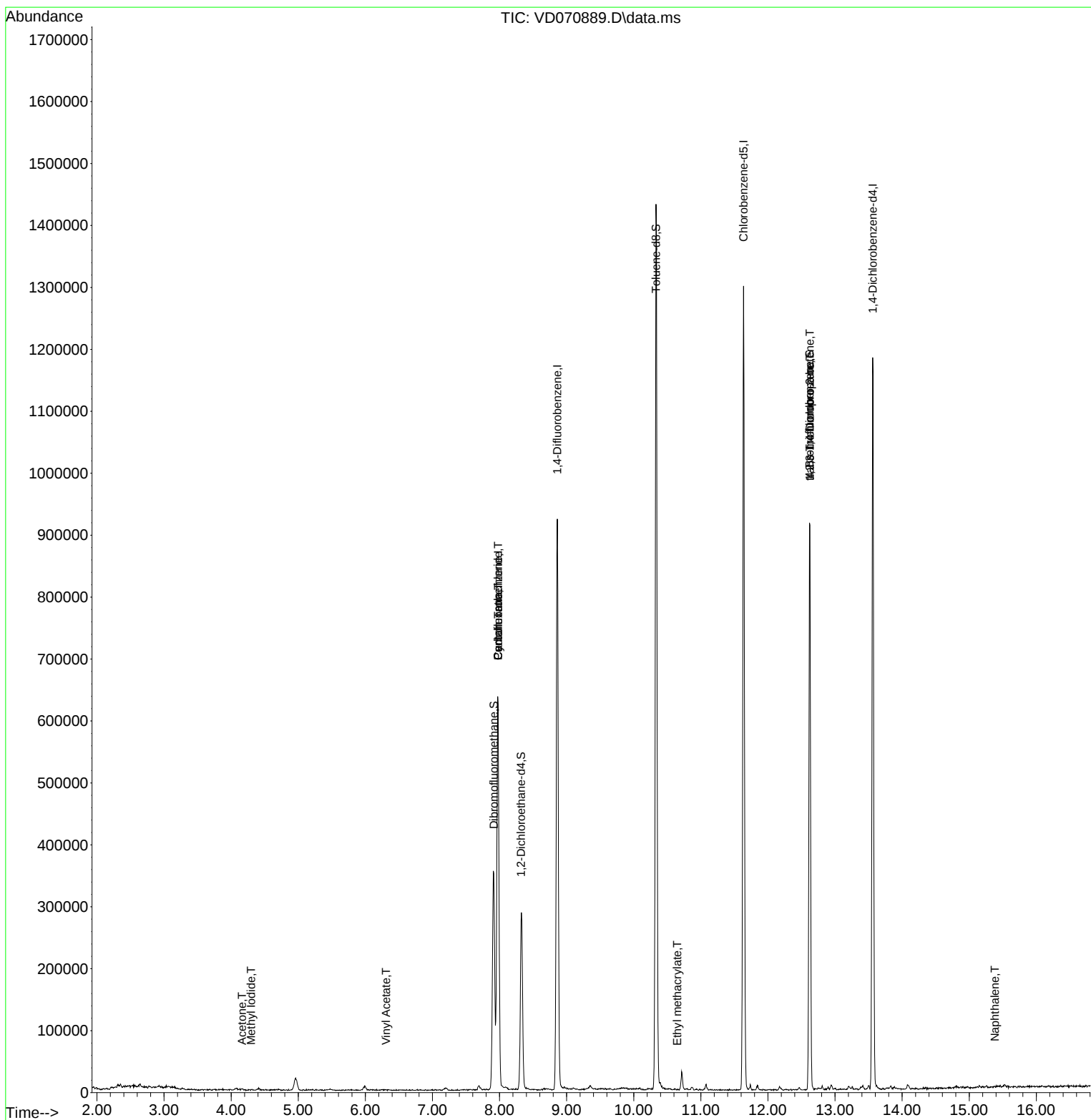
Quant Time: Oct 29 05:23:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

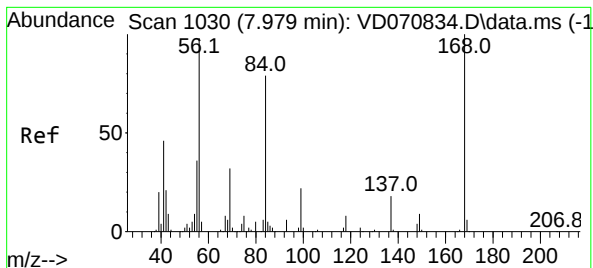
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	482460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	818814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	766310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	335124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	224357	46.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.480%
35) Dibromofluoromethane	7.914	113	259524	48.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.332	98	1010841	49.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.620	95	310873	46.388	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.780%
Target Compounds						
					Qvalue	
5) Bromomethane	2.767	94	1744	Below Cal		93
10) Methyl Iodide	4.297	142	1180	3.797 ug/l #		60
16) Acetone	4.161	43	2577	2.283 ug/l #		83
20) Methylene Chloride	4.961	84	15304	Below Cal		96
23) Vinyl Acetate	6.308	43	159	14.434 ug/l #		72
31) Cyclohexane	7.979	56	11079	1.121 ug/l #		1
38) Carbon Tetrachloride	7.979	117	45283	5.256 ug/l #		16
56) Ethyl methacrylate	10.649	69	305	2.893 ug/l #		51
76) 1,2,3-Trichloropropane	12.626	75	148771	45.096 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	148771	118.360 ug/l #		18
95) Naphthalene	15.384	128	1048	4.215 ug/l #		69

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

Quant Time: Oct 29 05:23:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

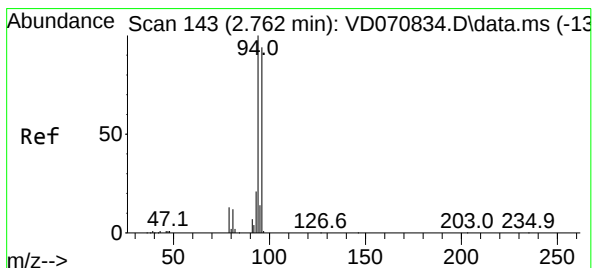
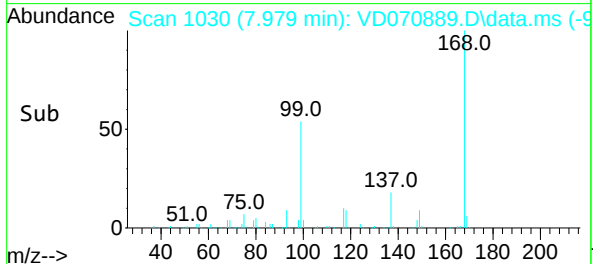
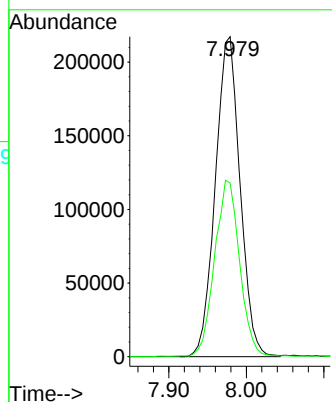
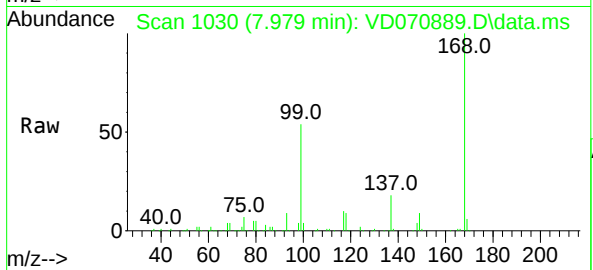




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

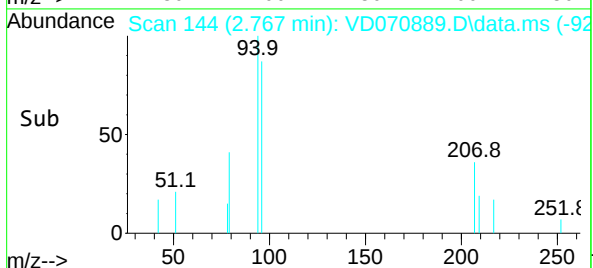
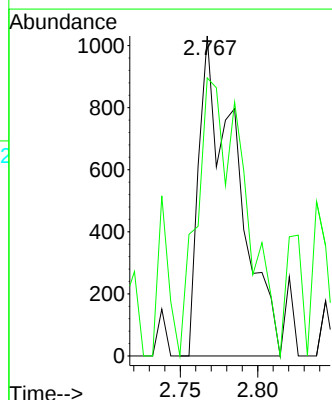
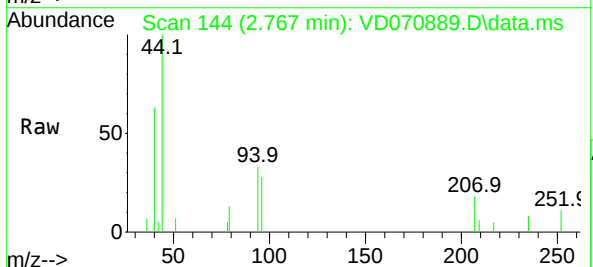
Instrument :
MSVOA_D
ClientSampled :

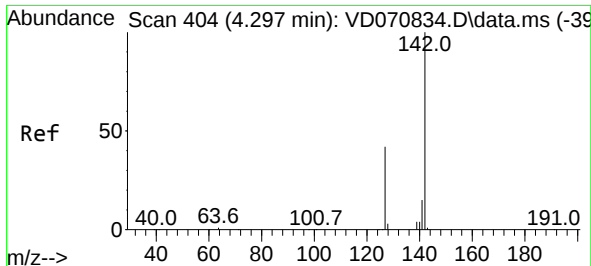
Tgt Ion:168 Resp: 482460
Ion Ratio Lower Upper
168 100
99 54.0 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

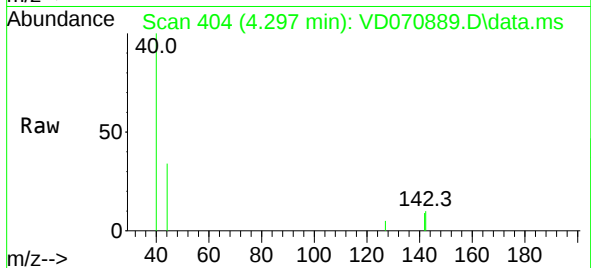
Tgt Ion: 94 Resp: 1744
Ion Ratio Lower Upper
94 100
96 86.9 74.8 112.2



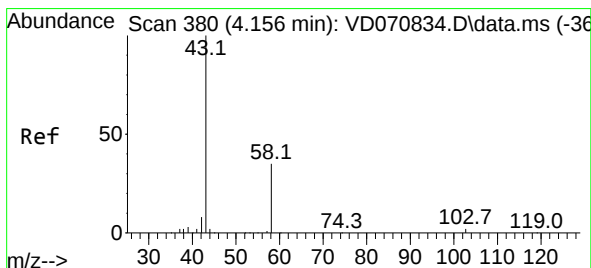
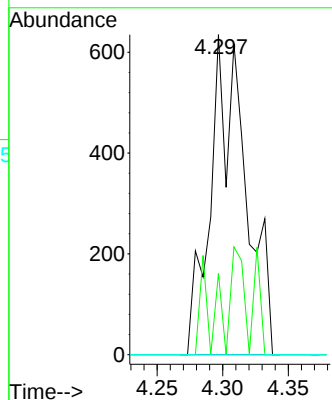
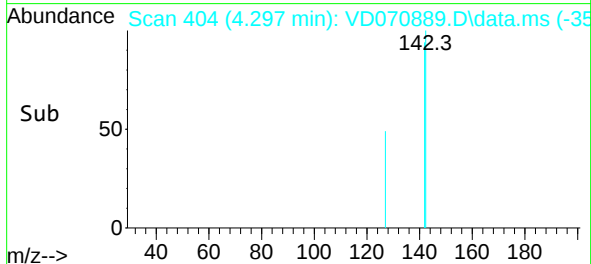


#10
Methyl Iodide
Concen: 3.797 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

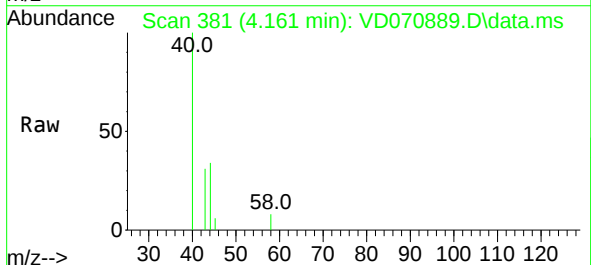
Instrument :
MSVOA_D
ClientSampled :



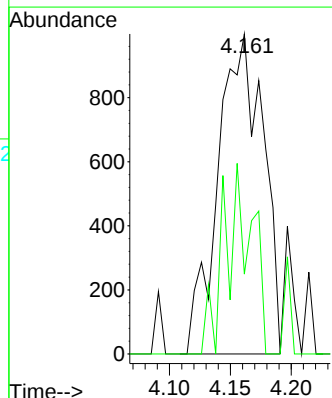
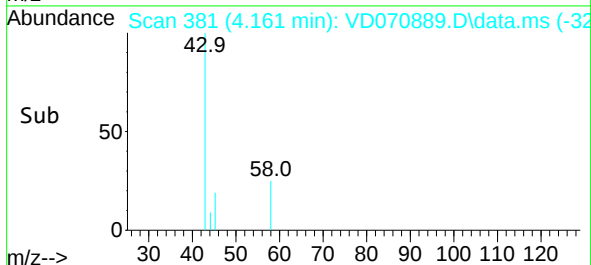
Tgt Ion:142 Resp: 1180
Ion Ratio Lower Upper
142 100
127 16.8 35.0 52.4#
141 0.0 12.0 18.0#

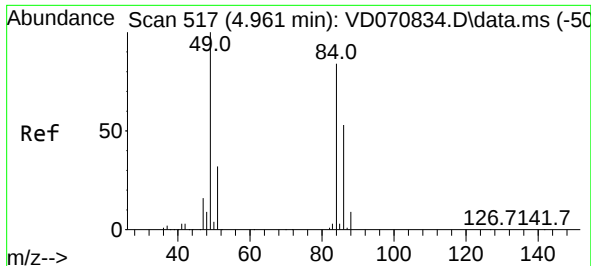


#16
Acetone
Concen: 2.283 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32



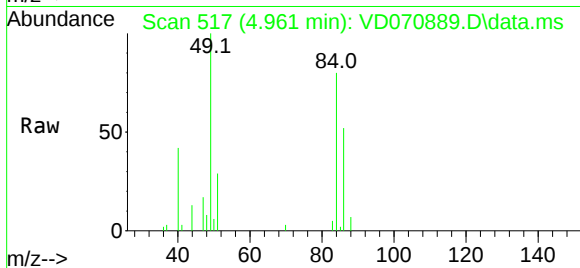
Tgt Ion: 43 Resp: 2577
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#



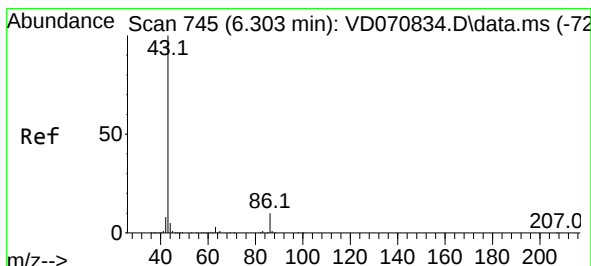
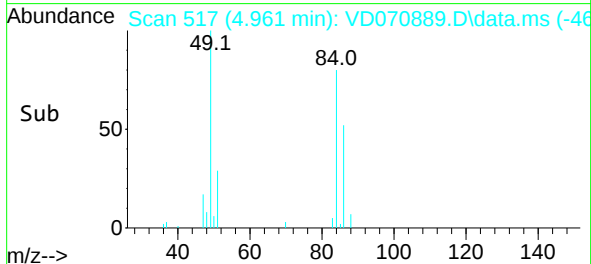
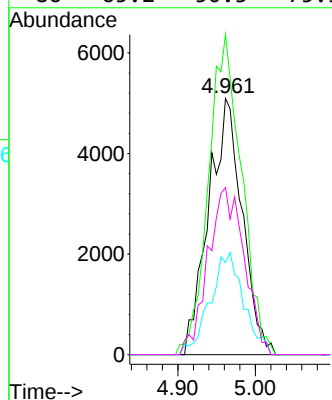


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Instrument :
MSVOA_D
ClientSampled :

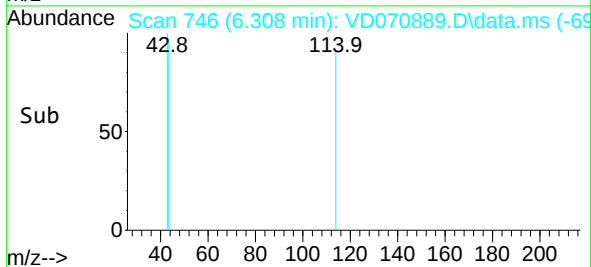
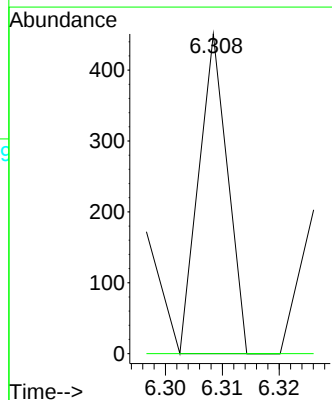
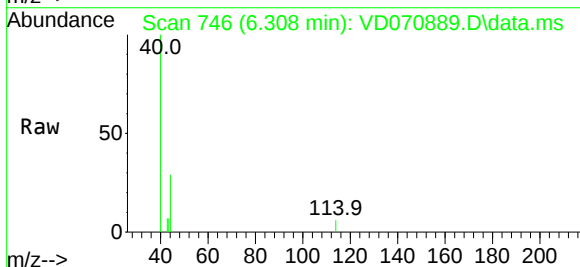


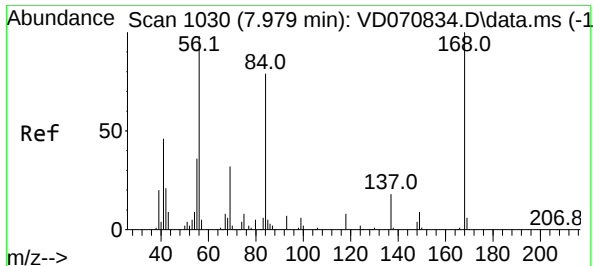
Tgt Ion:	84	Resp:	15304
Ion	Ratio	Lower	Upper
84	100		
49	124.8	95.8	143.6
51	36.0	30.9	46.3
86	65.2	50.3	75.5



#23
Vinyl Acetate
Concen: 14.434 ug/l
RT: 6.308 min Scan# 746
Delta R.T. 0.005 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

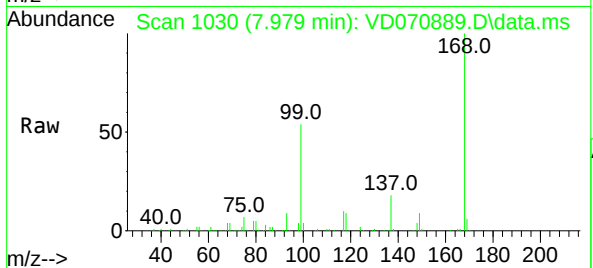
Tgt Ion:	43	Resp:	159
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#



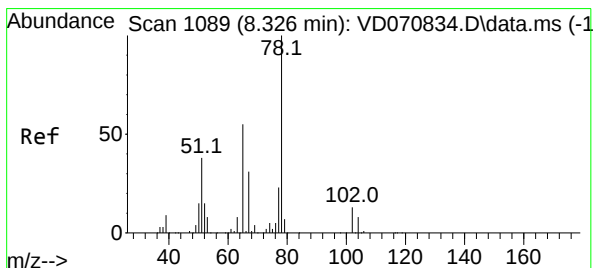
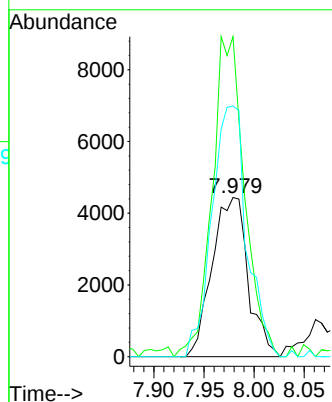
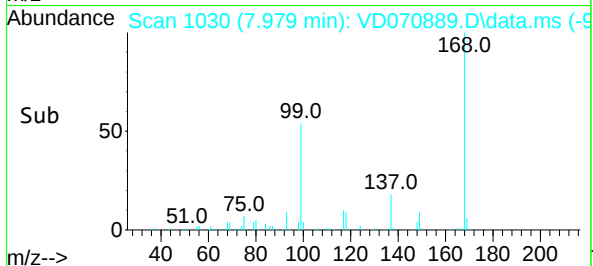


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

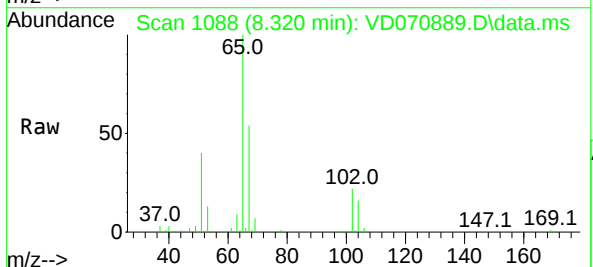
Instrument :
MSVOA_D
ClientSampled :



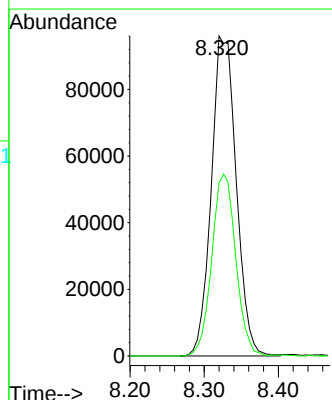
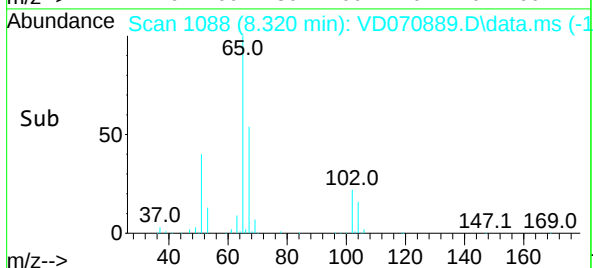
Tgt Ion: 56 Resp: 11079
Ion Ratio Lower Upper
56 100
69 201.1 25.9 38.9#
84 157.5 64.3 96.5#

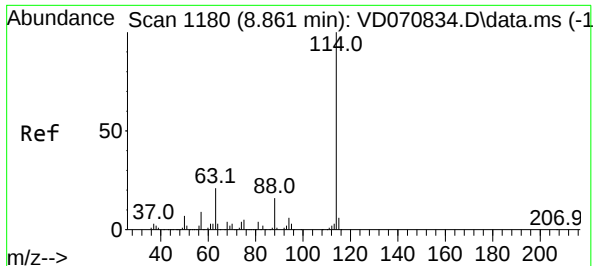


#33
1,2-Dichloroethane-d4
Concen: 46.237 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32



Tgt Ion: 65 Resp: 224357
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.2



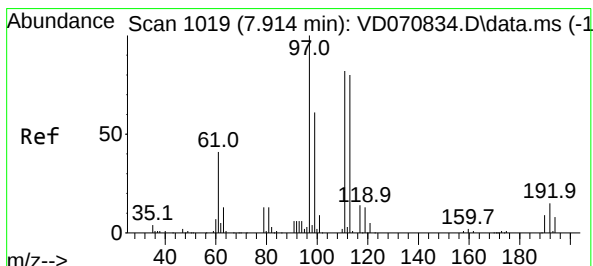
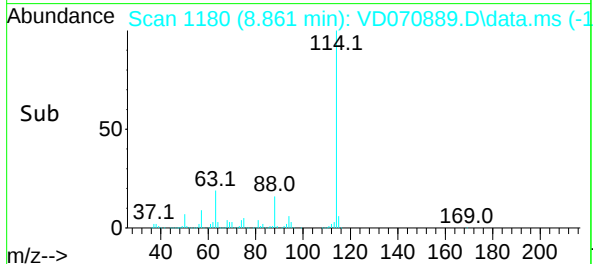
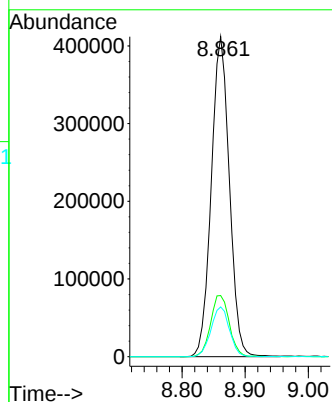
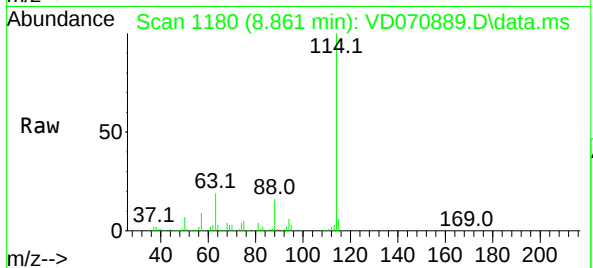


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Instrument :
MSVOA_D
ClientSampled :

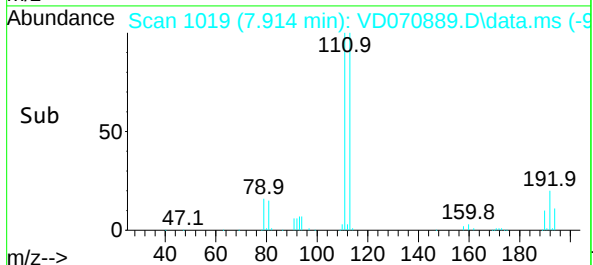
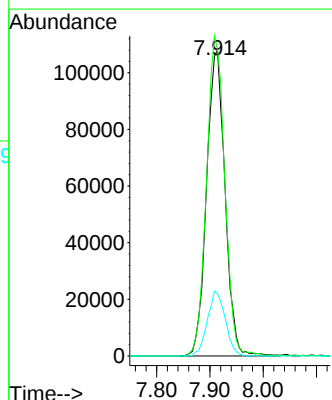
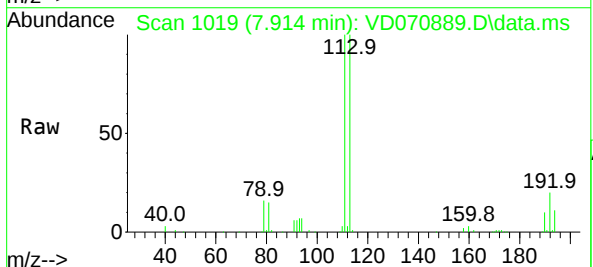
Tgt Ion:114 Resp: 818814
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.8
88 15.5 0.0 32.8

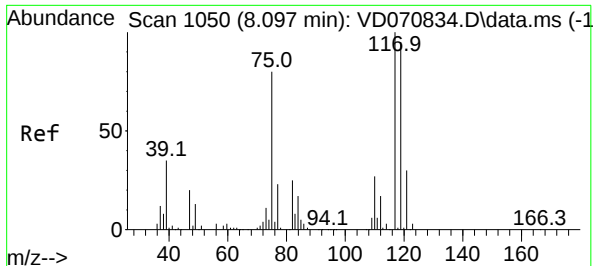


#35

Dibromofluoromethane
Concen: 48.070 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

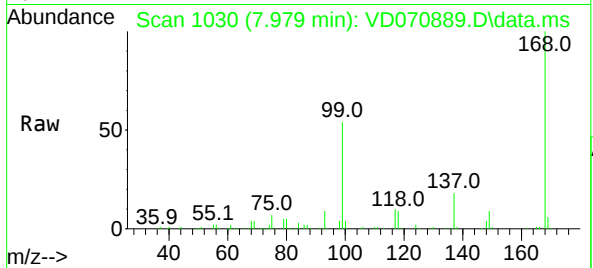
Tgt Ion:113 Resp: 259524
Ion Ratio Lower Upper
113 100
111 104.0 82.0 123.0
192 20.5 15.2 22.8



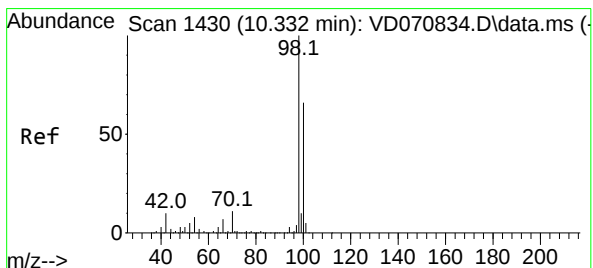
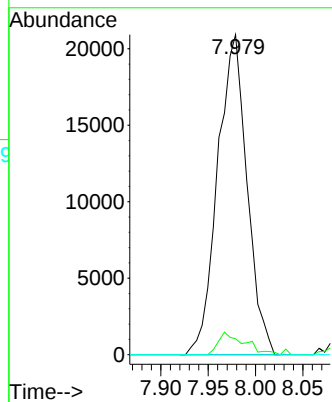
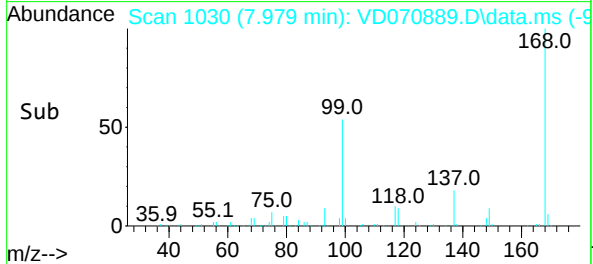


#38
Carbon Tetrachloride
Concen: 5.256 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

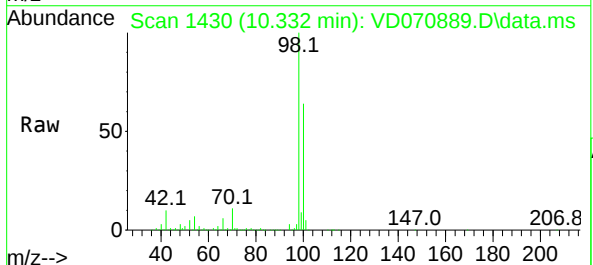
Instrument :
MSVOA_D
ClientSampled :



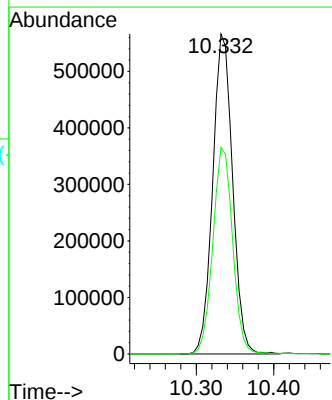
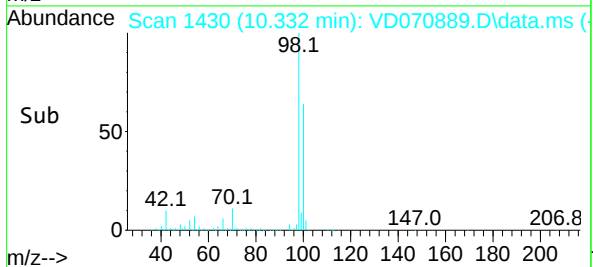
Tgt Ion:117 Resp: 45283
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 23.6 35.4#

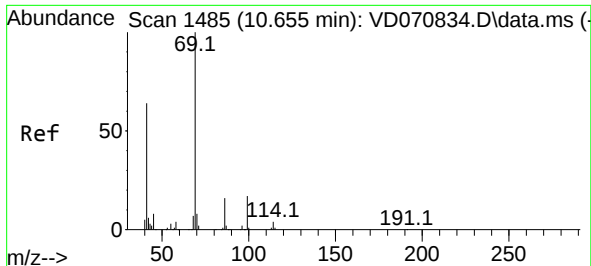


#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32



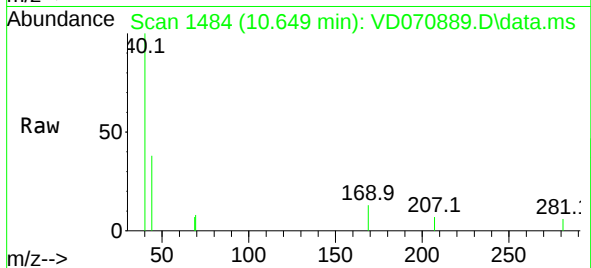
Tgt Ion: 98 Resp: 1010841
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



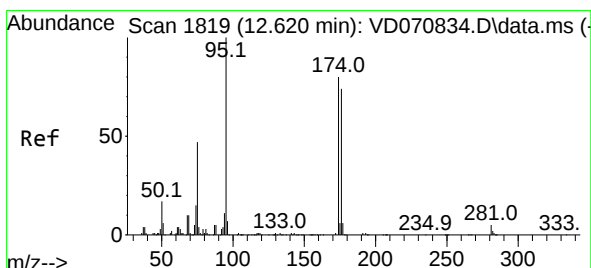
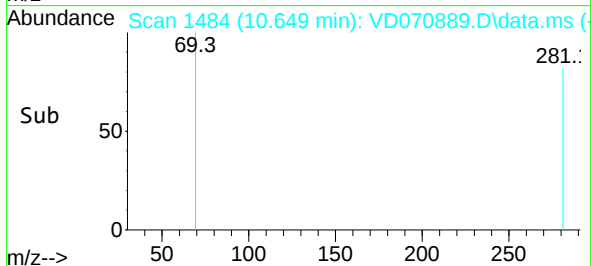
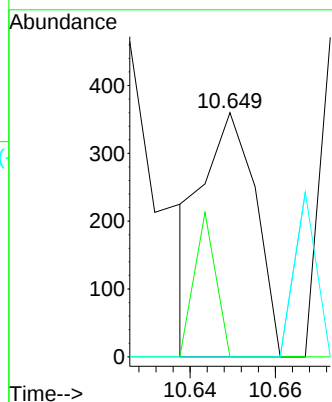


#56
Ethyl methacrylate
Concen: 2.893 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Instrument :
MSVOA_D
ClientSampleId :

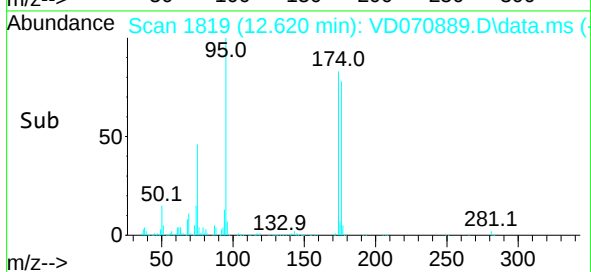
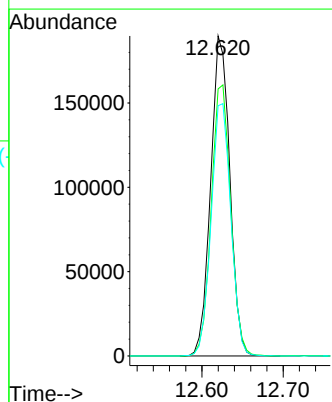
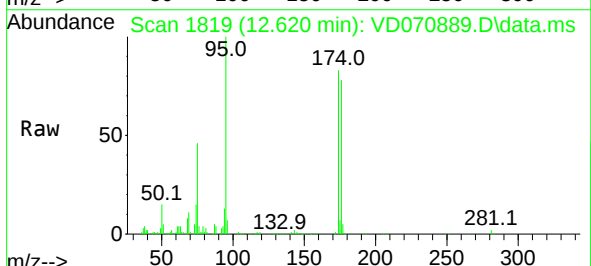


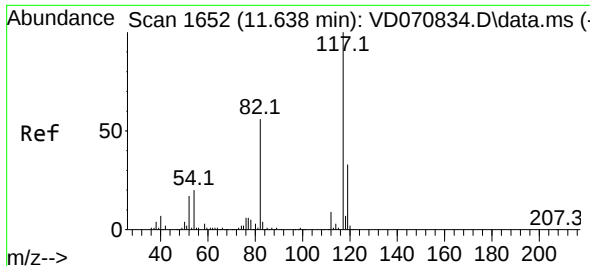
Tgt Ion: 69	Resp: 305
Ion Ratio	Lower Upper
69	100
41	24.6 50.2 75.2#
39	0.0 19.8 29.8#



#62
4-Bromofluorobenzene
Concen: 46.388 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Tgt Ion: 95	Resp: 310873
Ion Ratio	Lower Upper
95	100
174	86.1 0.0 159.4
176	81.1 0.0 154.0

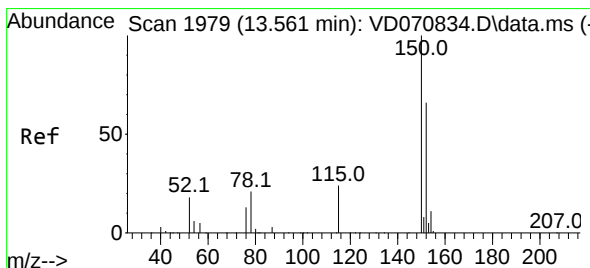
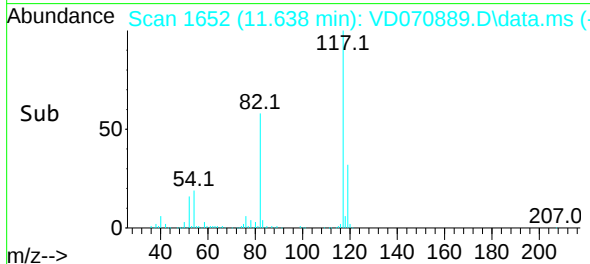
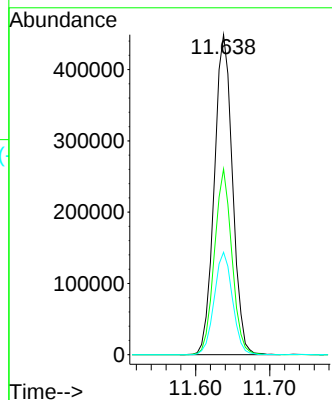
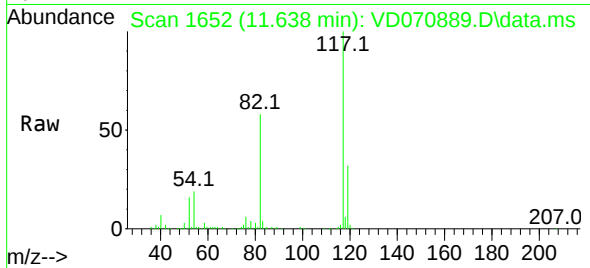




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

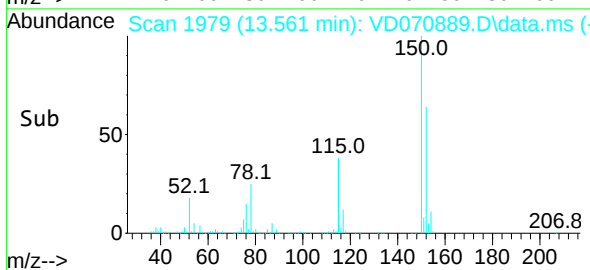
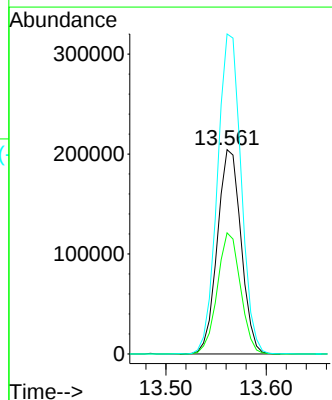
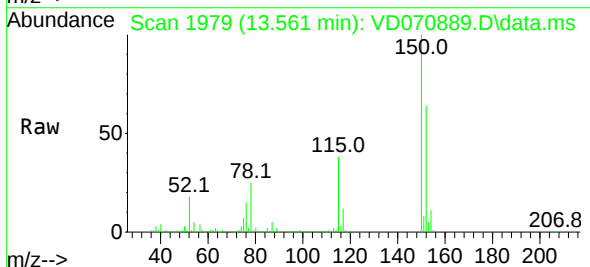
Instrument :
MSVOA_D
ClientSampleId :

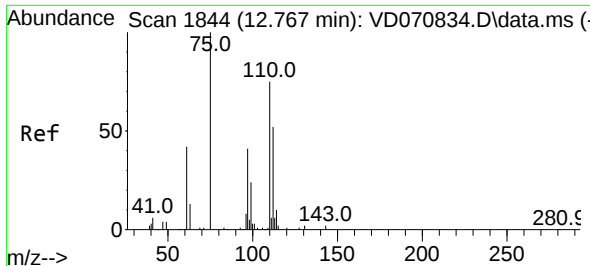
Tgt Ion:117 Resp: 766310
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Tgt Ion:152 Resp: 335124
Ion Ratio Lower Upper
152 100
115 57.9 29.8 89.3
150 157.0 0.0 349.2

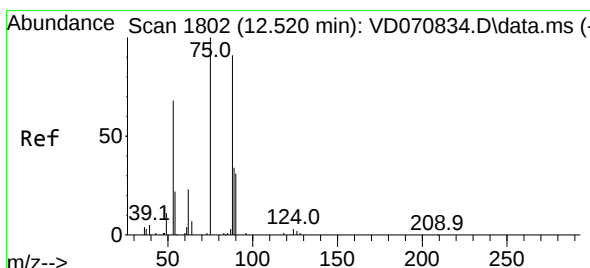
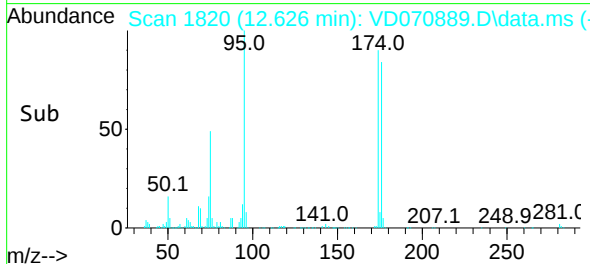
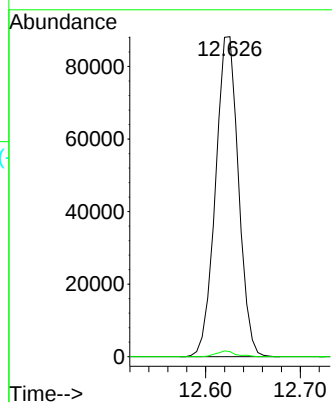
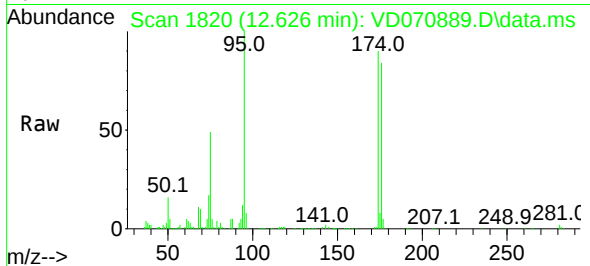




#76
1,2,3-Trichloropropane
Concen: 45.096 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.141 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

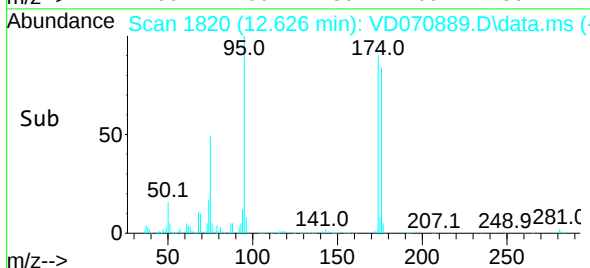
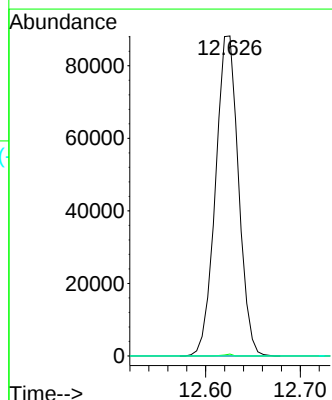
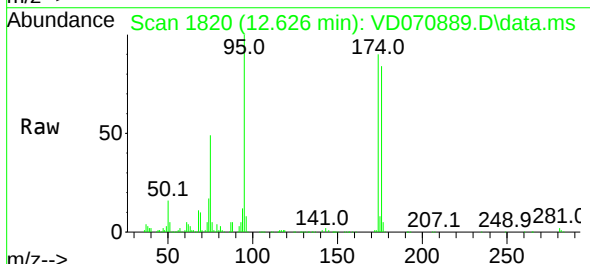
Instrument :
MSVOA_D
ClientSampled :

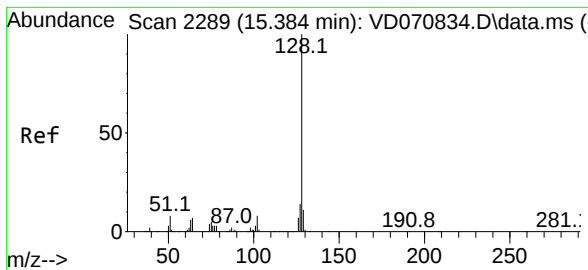
Tgt Ion: 75 Resp: 148771
Ion Ratio Lower Upper
75 100
77 1.5 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.360 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Tgt Ion: 75 Resp: 148771
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.215 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1048
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

