

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070866.D
 Acq On : 27 Oct 2021 16:16
 Operator : VA/SY
 Sample : M4358-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 28 03:57:17 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)

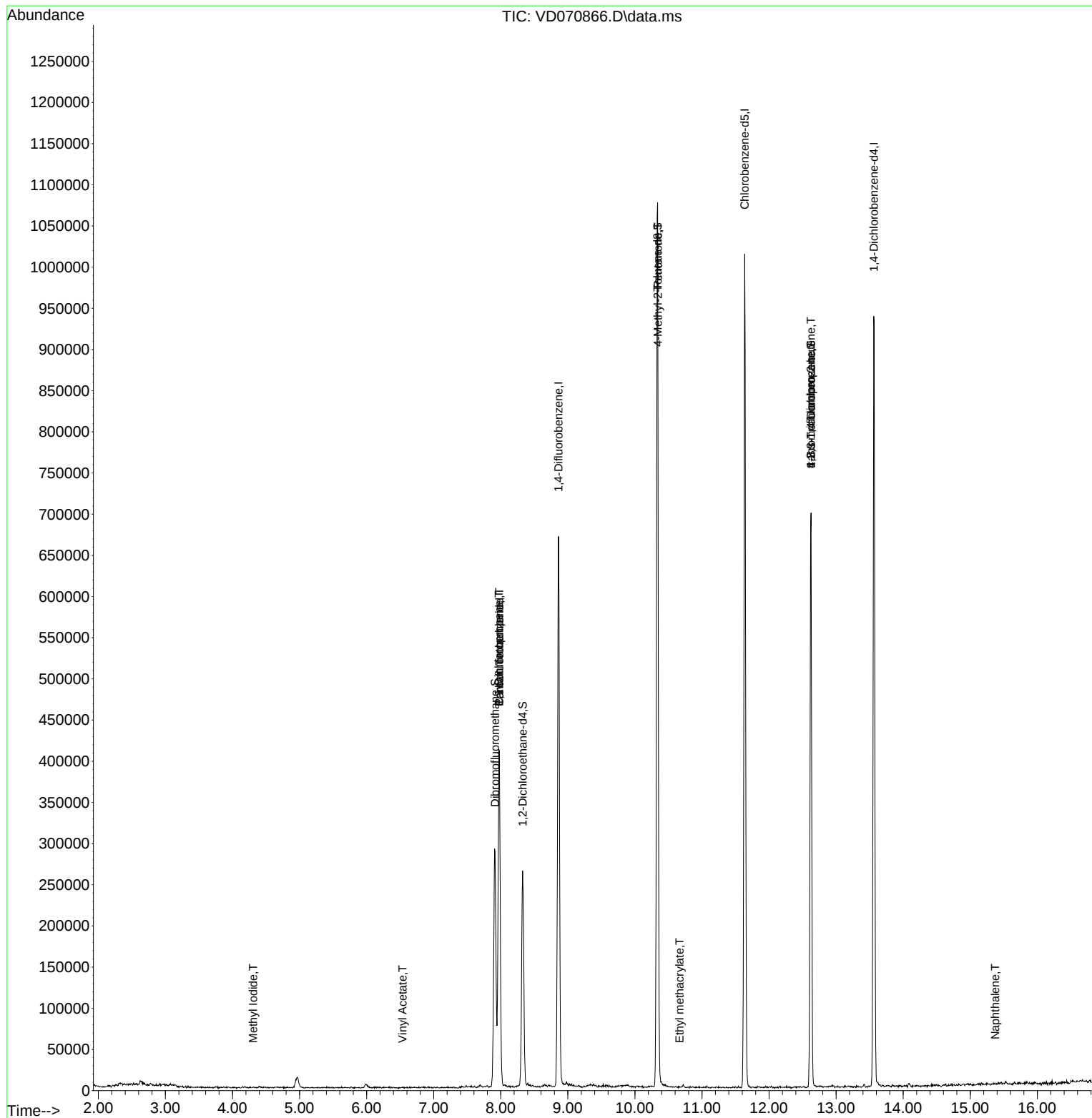
Internal Standards						
1) Pentafluorobenzene	7.979	168	310983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	577787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	600190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200718	64.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.340%	
35) Dibromofluoromethane	7.914	113	215527	56.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.140%	
50) Toluene-d8	10.337	98	764390	53.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.660%	
62) 4-Bromofluorobenzene	12.625	95	239529	50.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1703	Below Cal		91
10) Methyl Iodide	4.308	142	268	3.676 ug/l	#	69
20) Methylene Chloride	4.973	84	10864	Below Cal	#	76
23) Vinyl Acetate	6.538	43	61	14.426 ug/l	#	72
36) 1,1-Dichloropropene	7.973	75	25107	4.153 ug/l	#	46
38) Carbon Tetrachloride	7.979	117	30109	4.953 ug/l	#	18
51) 4-Methyl-2-Pentanone	10.343	43	2426	1.107 ug/l	#	1
56) Ethyl methacrylate	10.667	69	539	2.970 ug/l	#	40
76) 1,2,3-Trichloropropane	12.625	75	110812	41.975 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.625	75	110812	110.169 ug/l	#	18
95) Naphthalene	15.372	128	244	4.151 ug/l	#	69

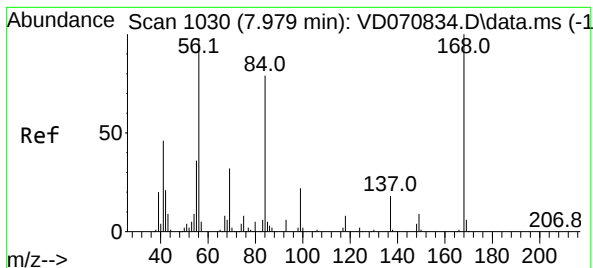
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
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Quant Time: Oct 28 03:57:17 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

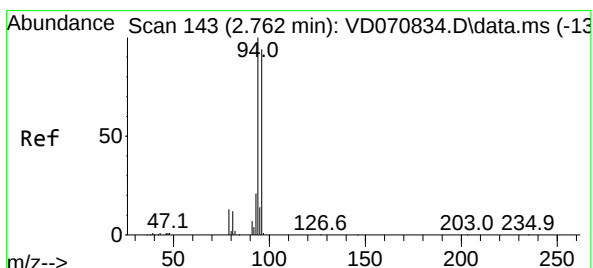
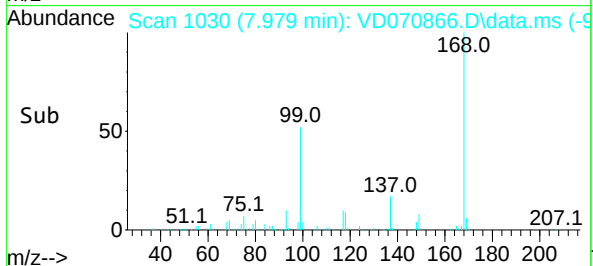
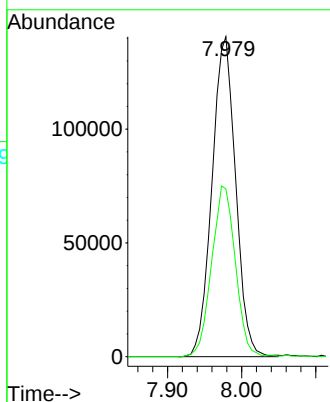
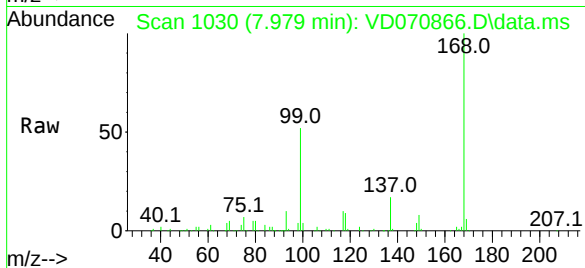




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

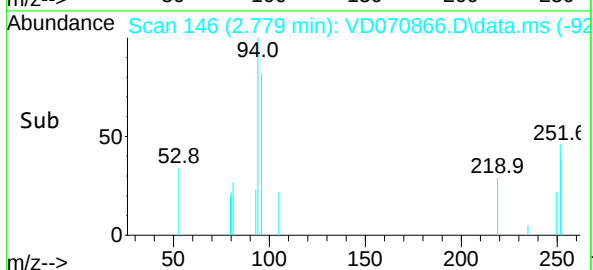
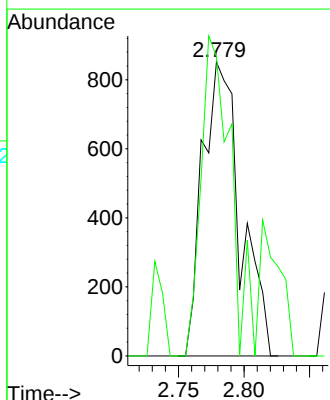
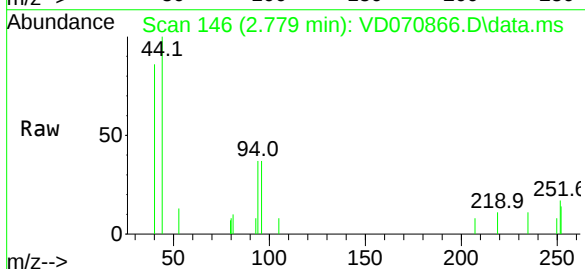
Instrument :
MSVOA_D
ClientSampled :

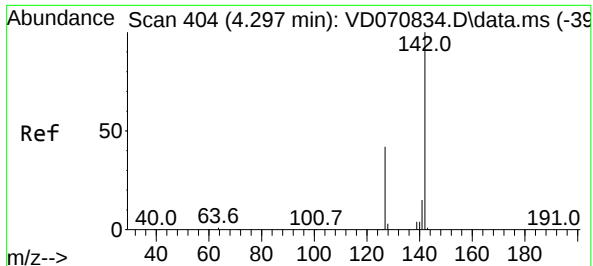
Tgt Ion:168 Resp: 310983
Ion Ratio Lower Upper
168 100
99 52.5 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion: 94 Resp: 1703
Ion Ratio Lower Upper
94 100
96 101.8 74.8 112.2





#10

Methyl Iodide

Concen: 3.676 ug/l

RT: 4.308 min Scan# 406

Delta R.T. 0.011 min

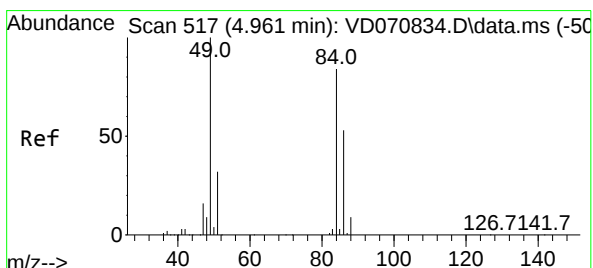
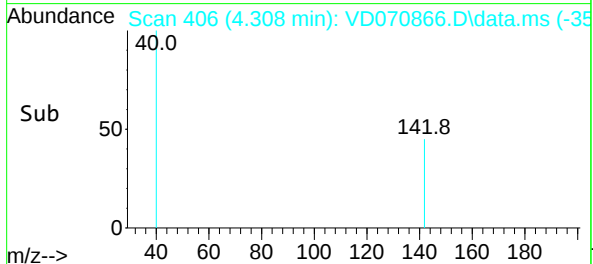
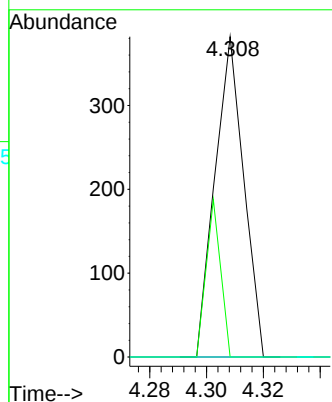
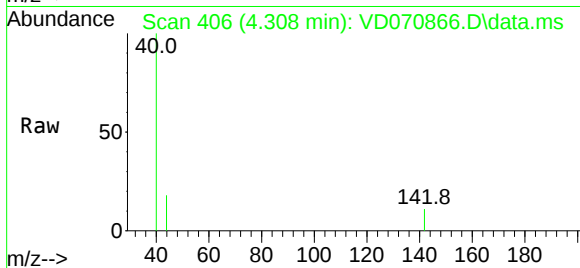
Lab File: VD070866.D

Acq: 27 Oct 2021 16:16

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:142 Resp: 268

Ion	Ratio	Lower	Upper
142	100		
127	24.6	35.0	52.4#
141	0.0	12.0	18.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 519

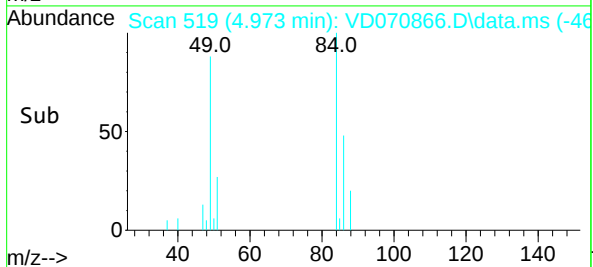
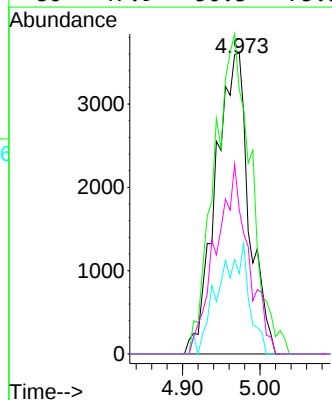
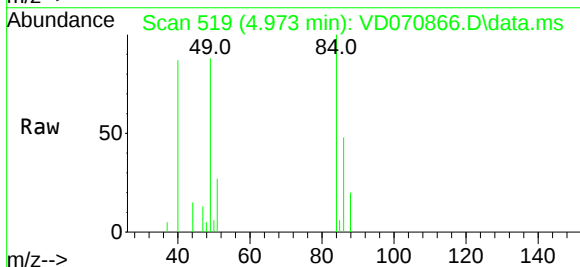
Delta R.T. 0.012 min

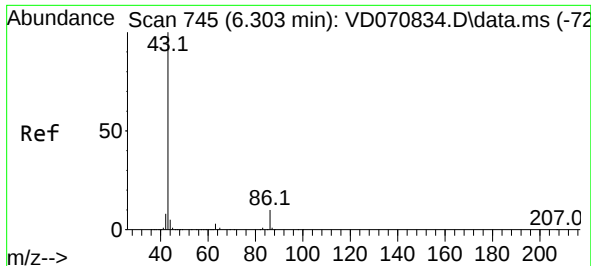
Lab File: VD070866.D

Acq: 27 Oct 2021 16:16

Tgt Ion: 84 Resp: 10864

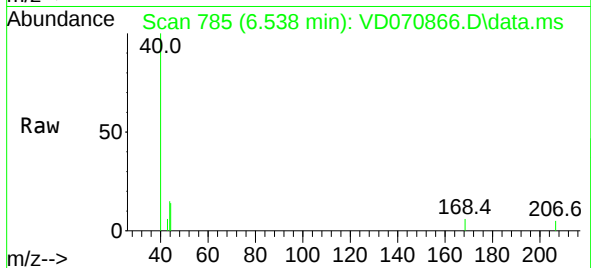
Ion	Ratio	Lower	Upper
84	100		
49	87.9	95.8	143.6#
51	26.7	30.9	46.3#
86	47.9	50.3	75.5#



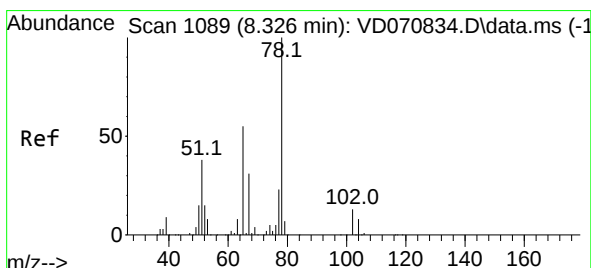
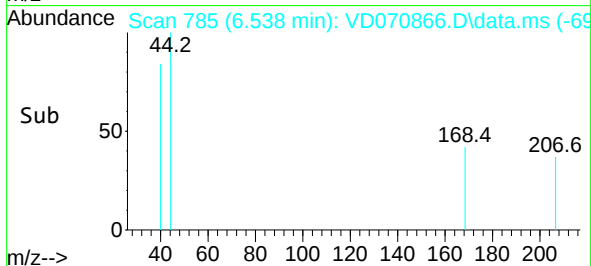
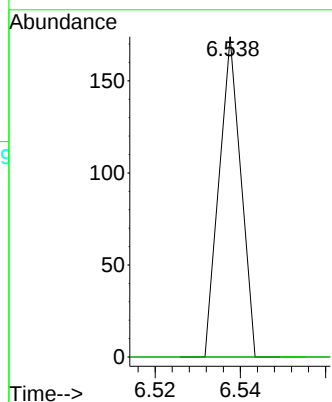


#23
 Vinyl Acetate
 Concen: 14.426 ug/l
 RT: 6.538 min Scan# 785
 Delta R.T. 0.235 min
 Lab File: VD070866.D
 Acq: 27 Oct 2021 16:16

Instrument :
 MSVOA_D
 ClientSampled :

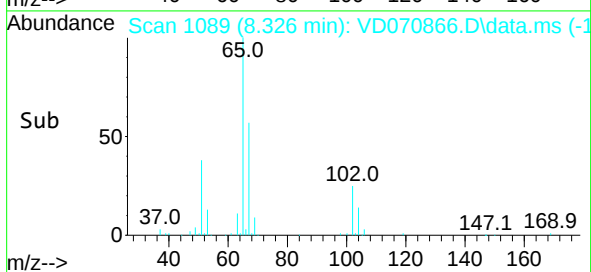
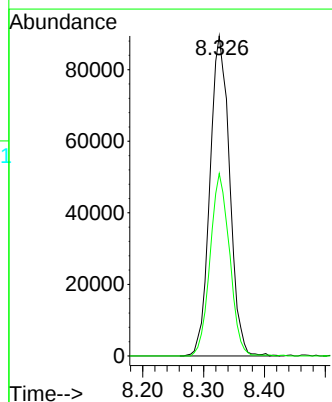
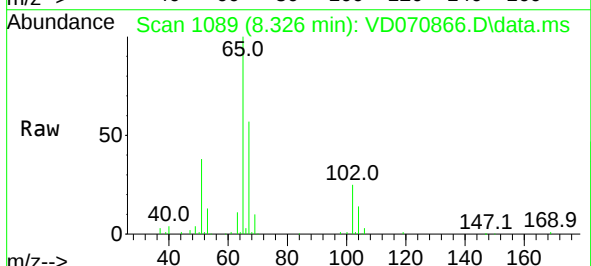


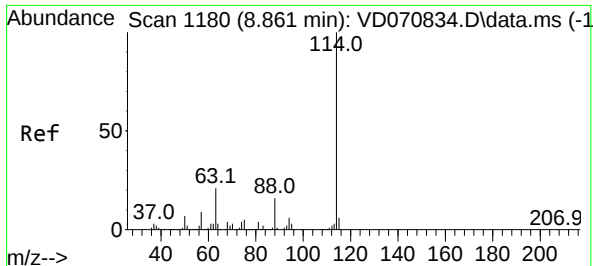
Tgt Ion: 43 Resp: 61
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#33
 1,2-Dichloroethane-d4
 Concen: 64.174 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD070866.D
 Acq: 27 Oct 2021 16:16

Tgt Ion: 65 Resp: 200718
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.2



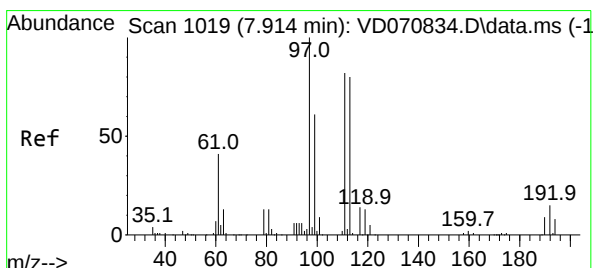
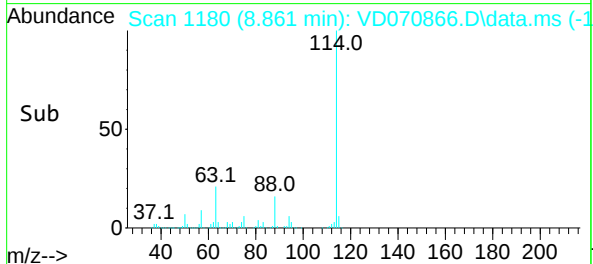
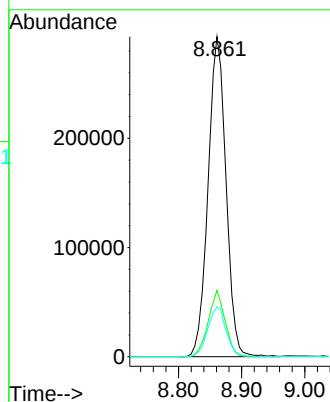
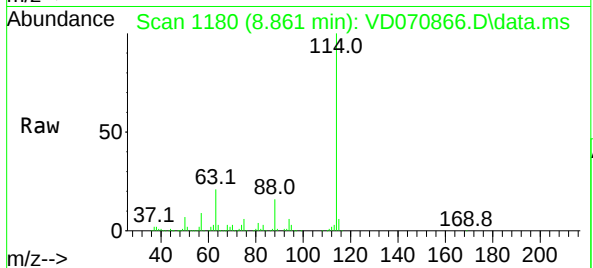


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Instrument :
MSVOA_D
ClientSampled :

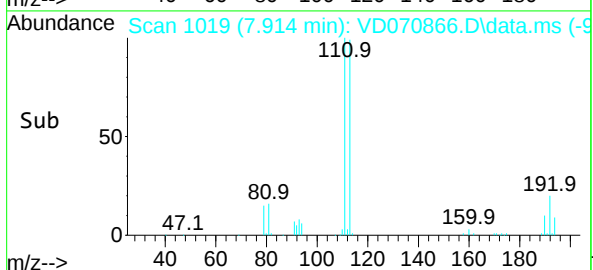
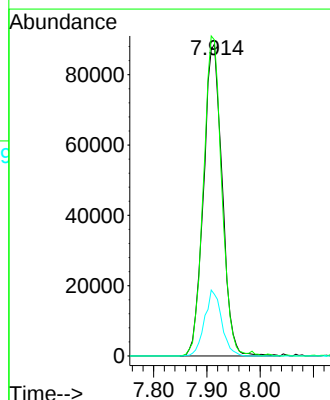
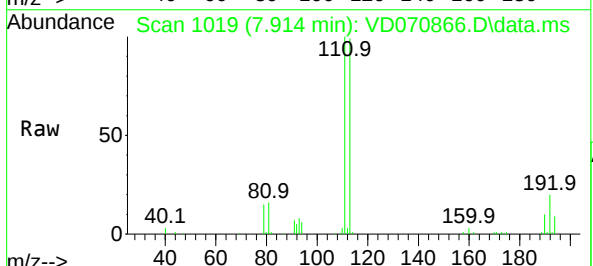
Tgt Ion:114	Resp: 577787
Ion Ratio	Lower Upper
114 100	
63 20.7	0.0 41.8
88 15.6	0.0 32.8

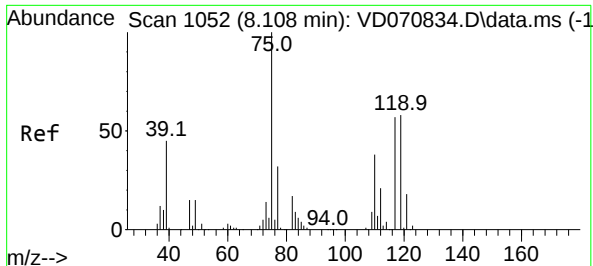


#35

Dibromofluoromethane
Concen: 56.574 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

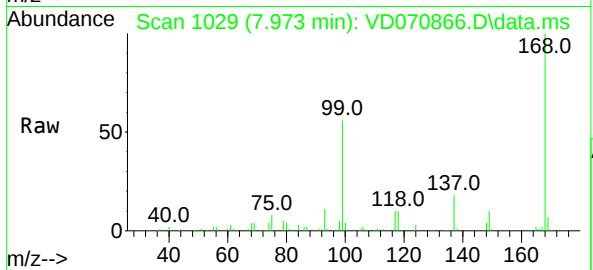
Tgt Ion:113	Resp: 215527
Ion Ratio	Lower Upper
113 100	
111 100.0	82.0 123.0
192 19.4	15.2 22.8



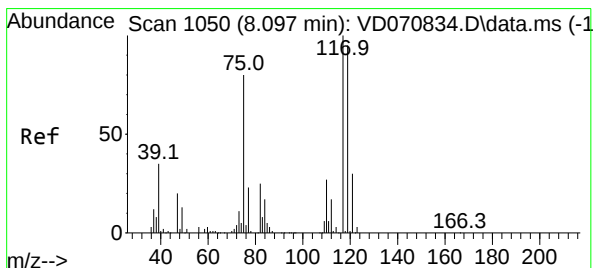
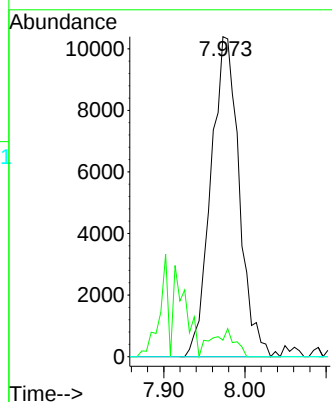
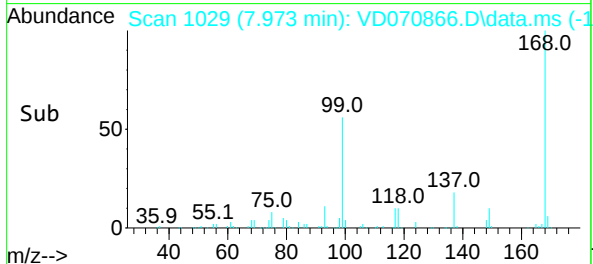


#36
1,1-Dichloropropene
Concen: 4.153 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

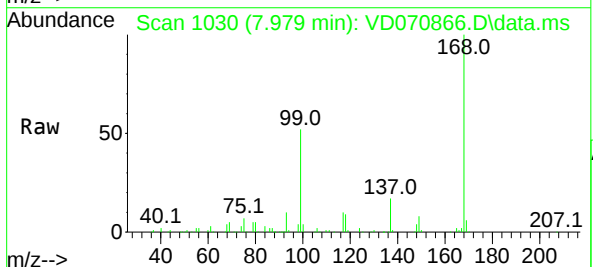
Instrument :
MSVOA_D
ClientSampleId :



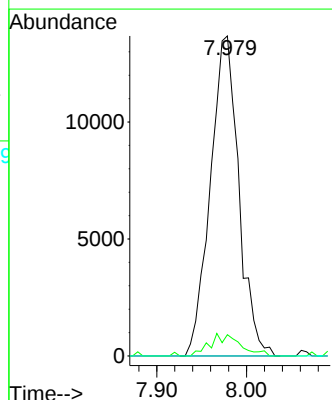
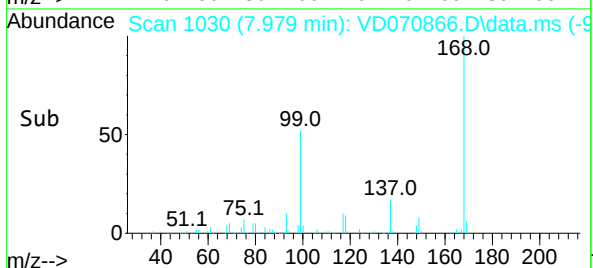
Tgt Ion: 75 Resp: 25107
Ion Ratio Lower Upper
75 100
110 5.6 17.8 53.4#
77 0.0 24.8 37.2#

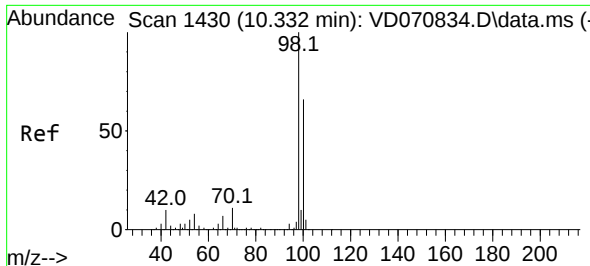


#38
Carbon Tetrachloride
Concen: 4.953 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16



Tgt Ion: 117 Resp: 30109
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 23.6 35.4#

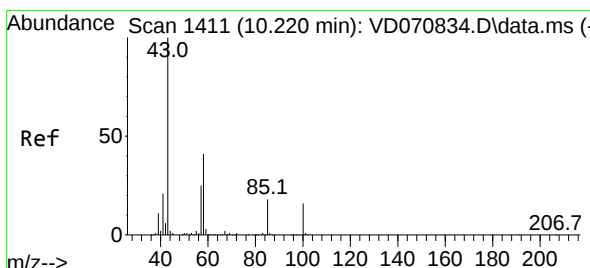
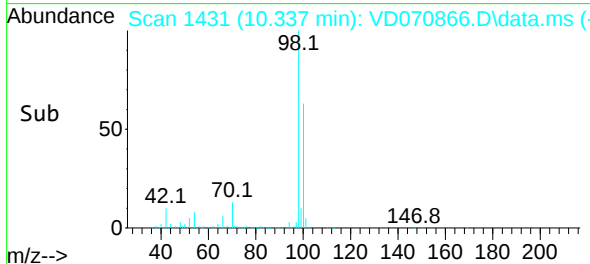
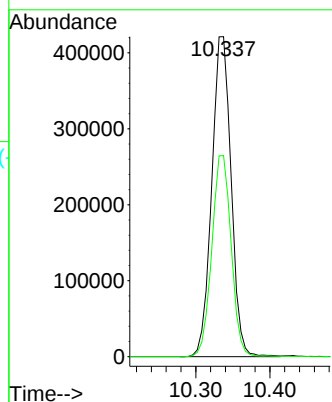
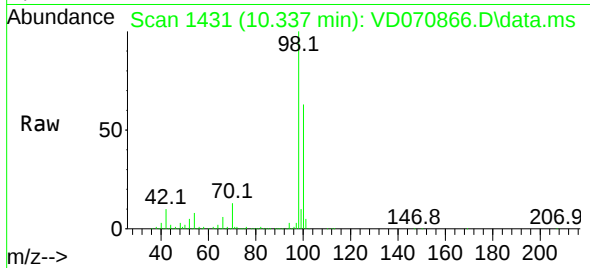




#50
Toluene-d8
Concen: 53.333 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

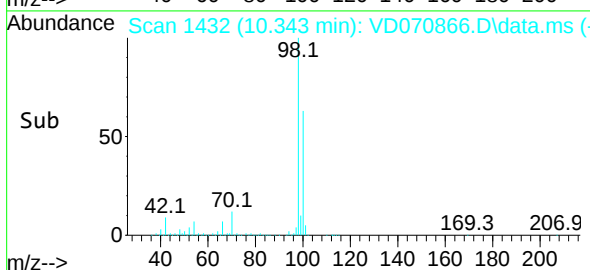
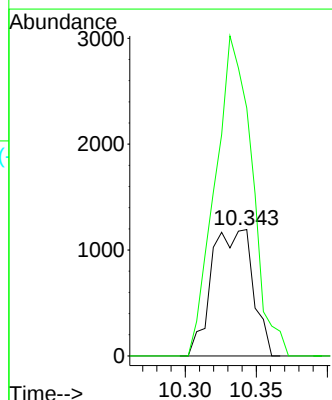
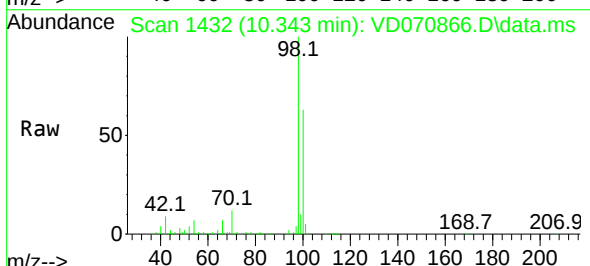
Instrument :
MSVOA_D
ClientSampled :

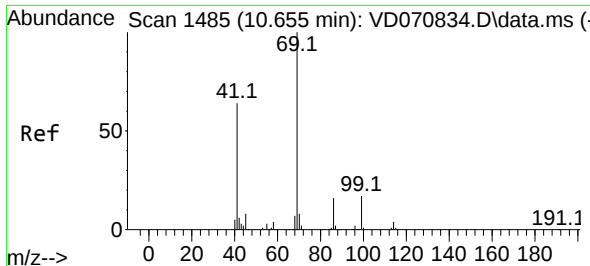
Tgt Ion: 98 Resp: 764390
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.107 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.123 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 224.9 33.1 49.7#

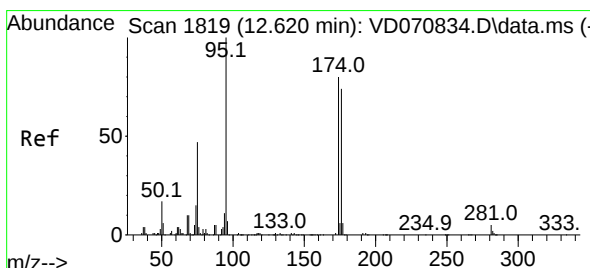
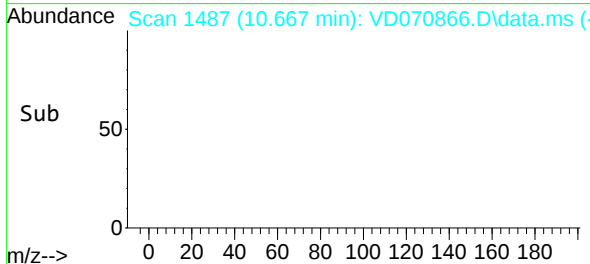
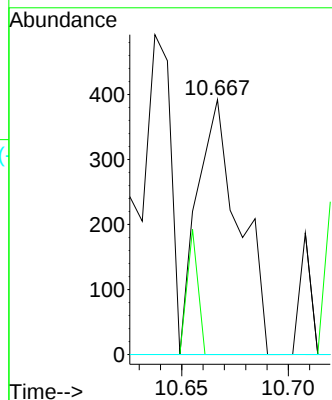
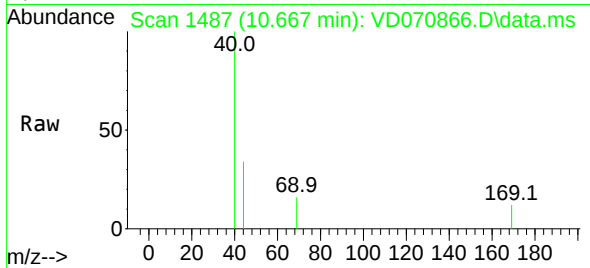




#56
Ethyl methacrylate
Concen: 2.970 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.012 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

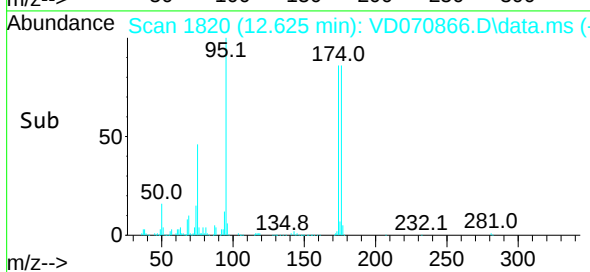
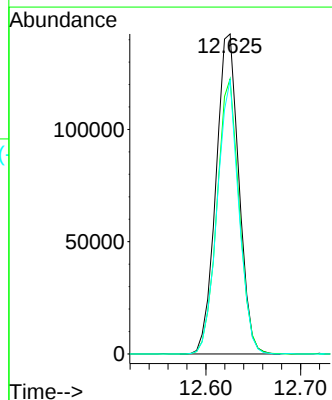
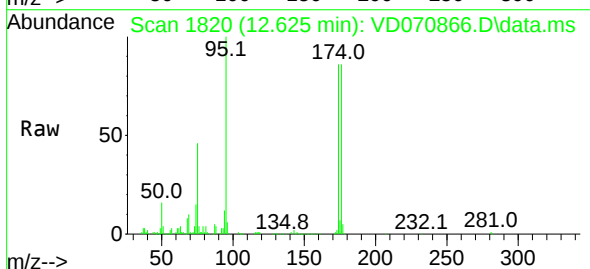
Instrument :
MSVOA_D
ClientSampled :

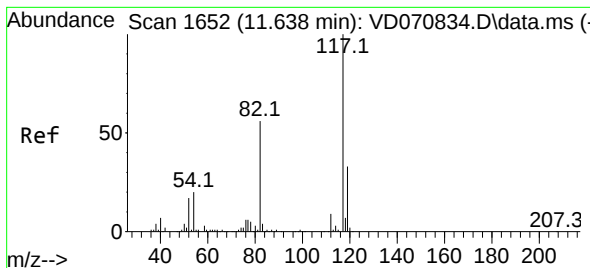
Tgt Ion: 69 Resp: 539
Ion Ratio Lower Upper
69 100
41 12.6 50.2 75.2#
39 0.0 19.8 29.8#



#62
4-Bromofluorobenzene
Concen: 50.652 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion: 95 Resp: 239529
Ion Ratio Lower Upper
95 100
174 83.2 0.0 159.4
176 80.9 0.0 154.0

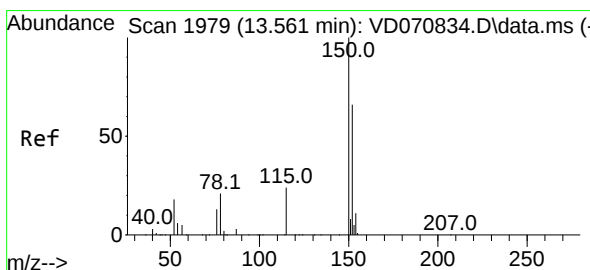
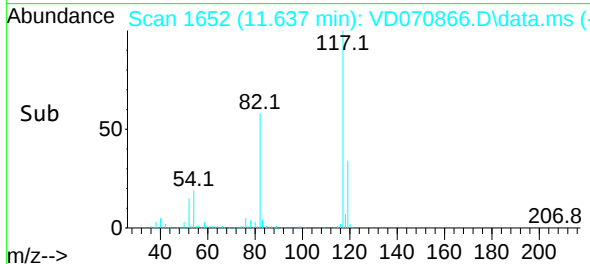
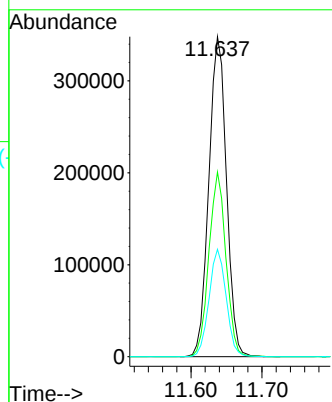
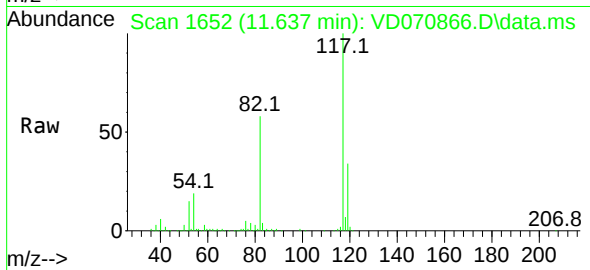




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

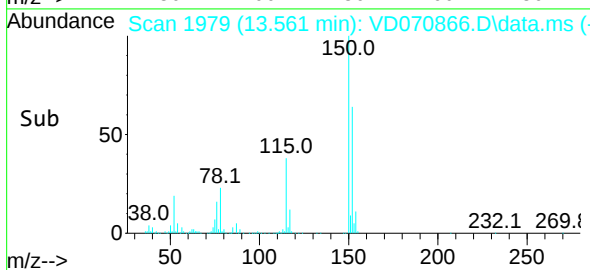
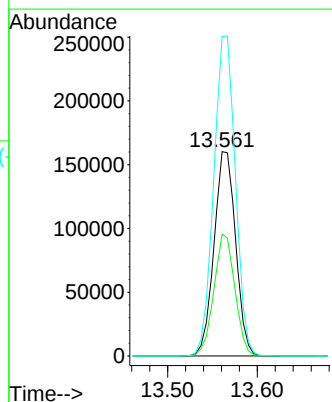
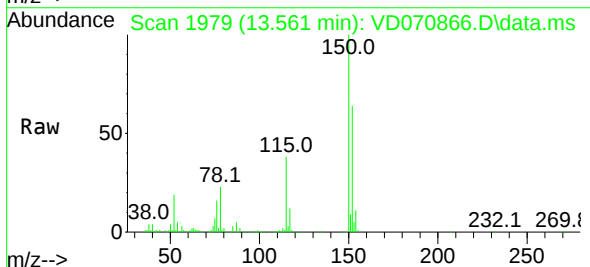
Instrument :
MSVOA_D
ClientSampleId :

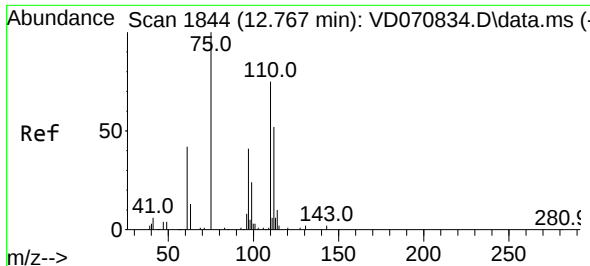
Tgt Ion:117 Resp: 600190
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 33.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion:152 Resp: 268177
Ion Ratio Lower Upper
152 100
115 57.9 29.8 89.3
150 157.1 0.0 349.2

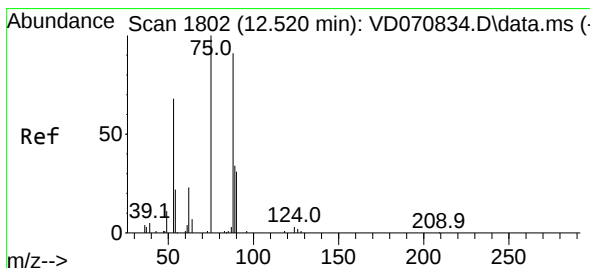
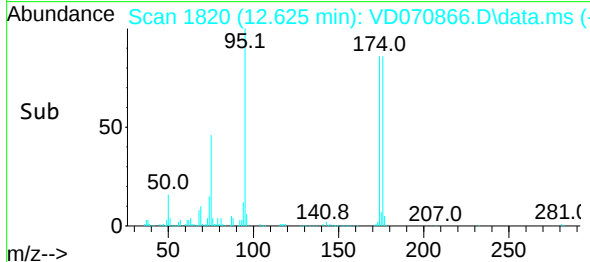
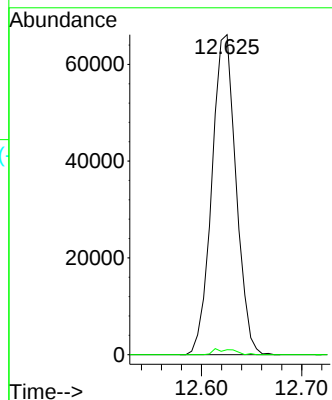
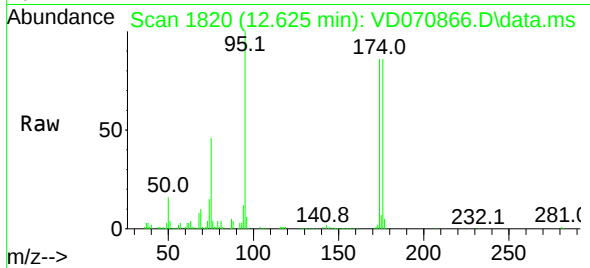




#76
1,2,3-Trichloropropane
Concen: 41.975 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.141 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

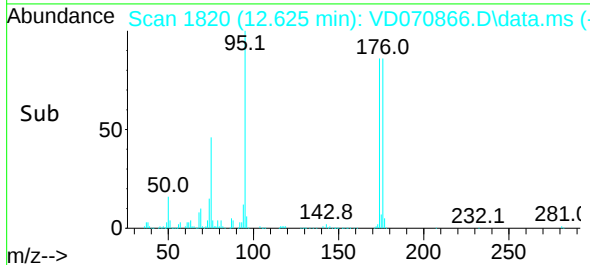
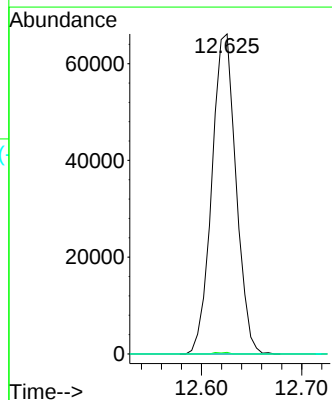
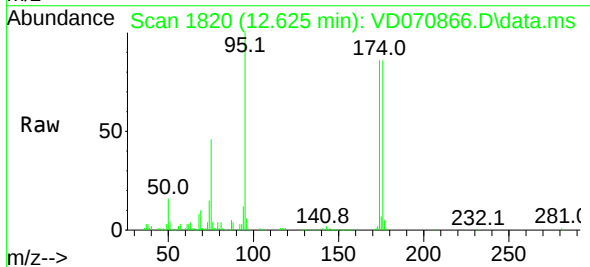
Instrument :
MSVOA_D
ClientSampled :

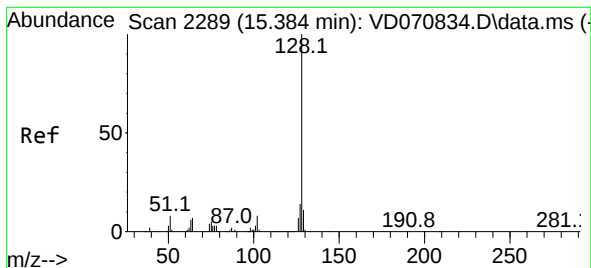
Tgt Ion: 75 Resp: 110812
Ion Ratio Lower Upper
75 100
77 1.6 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.169 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion: 75 Resp: 110812
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.0 34.5 51.7#





#95
Naphthalene
Concen: 4.151 ug/l
RT: 15.372 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 244
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

