

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070613.D
 Acq On : 07 Oct 2021 13:24
 Operator : VA/SY
 Sample : M4061-05
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Quant Time: Oct 08 04:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	24210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	43525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	46982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	20197	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	24867	87.28	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.56%#
35) Dibromofluoromethane	7.914	113	15443	53.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.74%
50) Toluene-d8	10.332	98	55299	49.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.98%
62) 4-Bromofluorobenzene	12.626	95	18256	49.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.76%

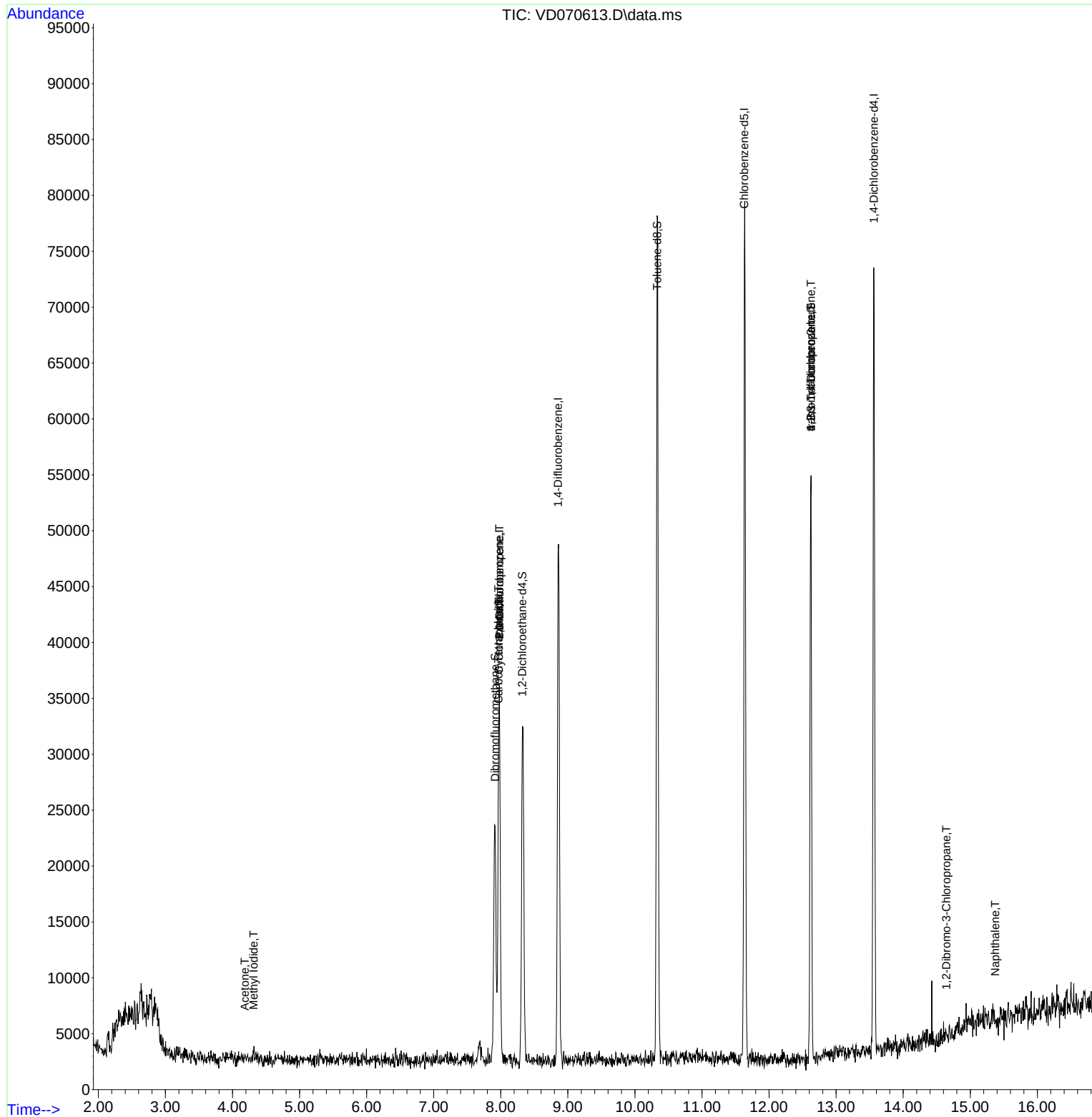
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	346	1.78	ug/l #	38
16) Acetone	4.185	43	59	1.22	ug/l #	40
20) Methylene Chloride	4.932	84	69	Below Cal	#	9
31) Cyclohexane	7.973	56	530	1.00	ug/l #	37
36) 1,1-Dichloropropene	7.979	75	2012	4.35	ug/l #	48
38) Carbon Tetrachloride	7.967	117	1153	2.38	ug/l #	12
76) 1,2,3-Trichloropropane	12.626	75	8116	44.40	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	8116	98.57	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.643	75	57	1.37	ug/l #	6
95) Naphthalene	15.373	128	64	2.58	ug/l #	69

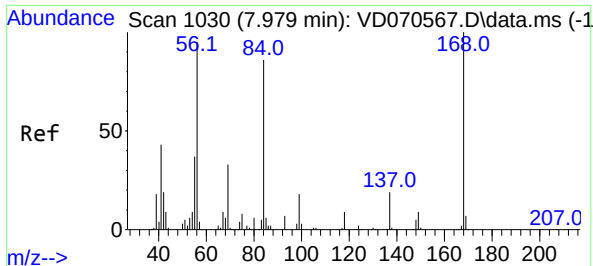
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

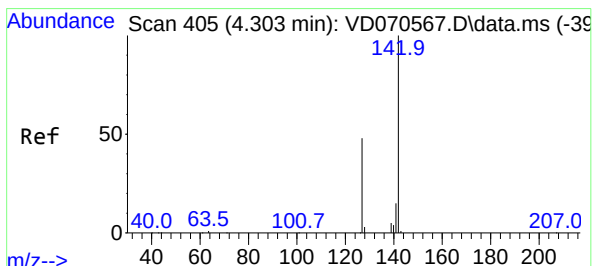
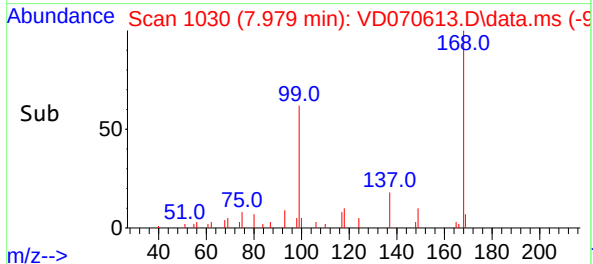
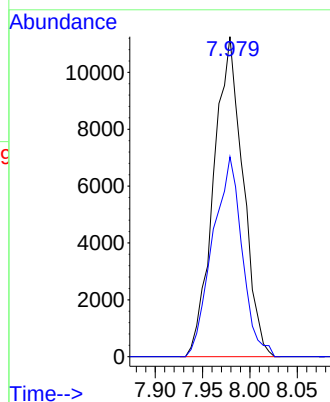
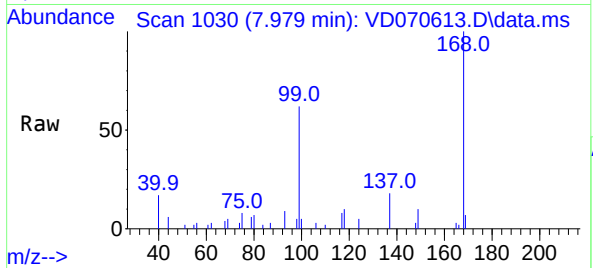




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

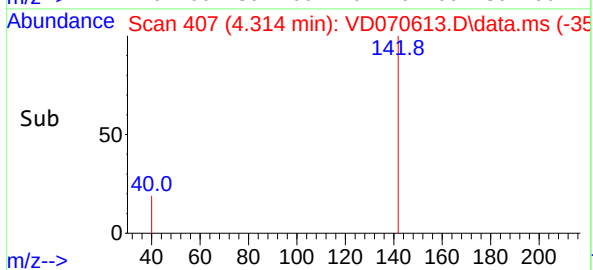
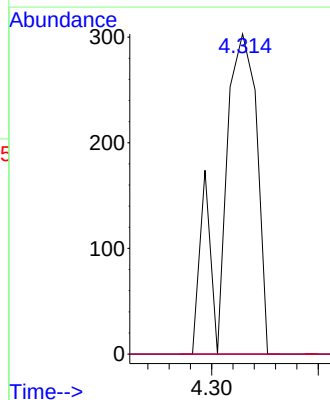
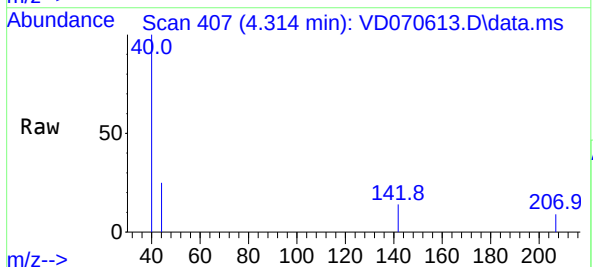
Instrument :
MSVOA_D
ClientSampled :
S-5

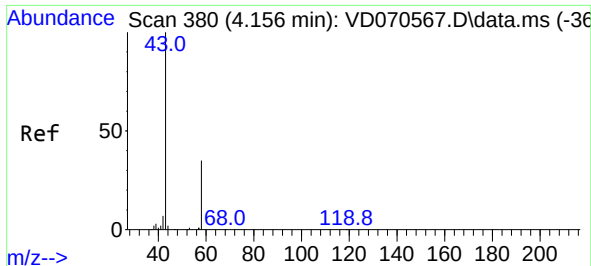
Tgt Ion:168 Resp: 24210
Ion Ratio Lower Upper
168 100
99 62.4 51.4 77.0



#10
Methyl Iodide
Concen: 1.78 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion:142 Resp: 346
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#

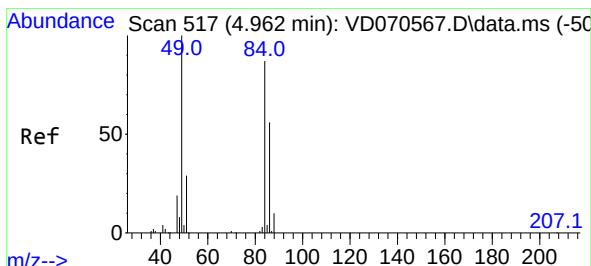
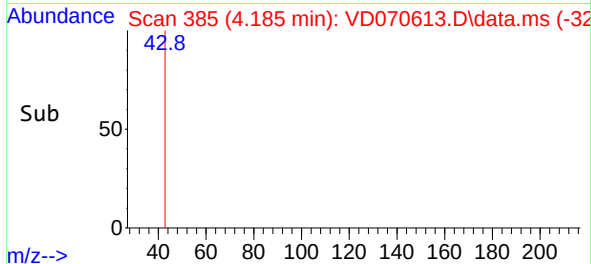
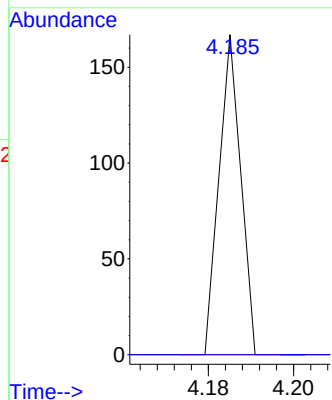
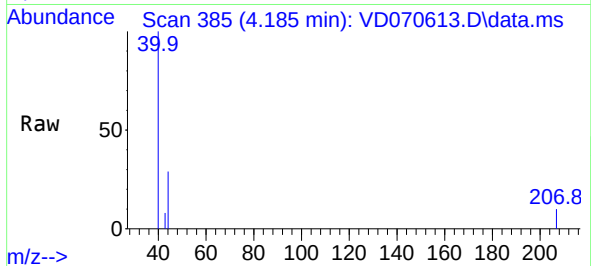




#16
Acetone
Concen: 1.22 ug/l
RT: 4.185 min Scan# 385
Delta R.T. 0.029 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

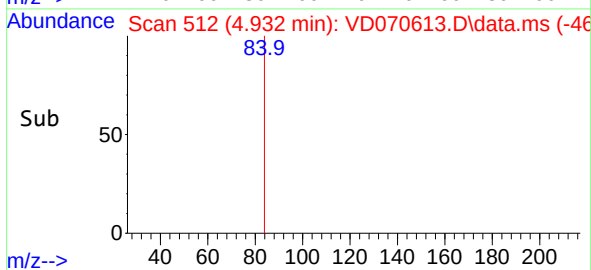
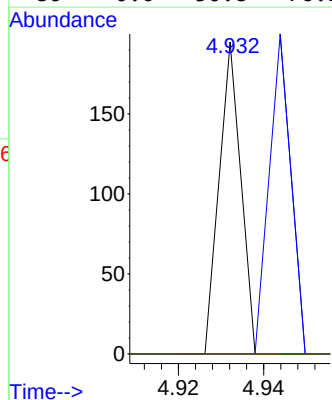
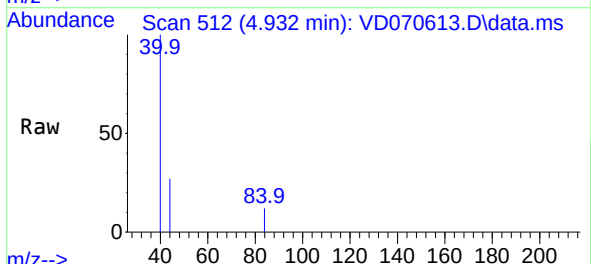
Instrument :
MSVOA_D
ClientSampleId :
S-5

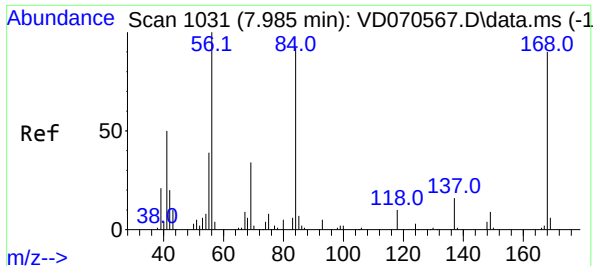
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.932 min Scan# 512
Delta R.T. -0.030 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion: 84 Resp: 69
Ion Ratio Lower Upper
84 100
49 0.0 91.4 137.2#
51 0.0 26.7 40.1#
86 0.0 50.8 76.2#

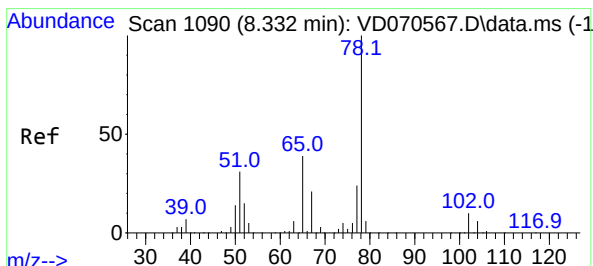
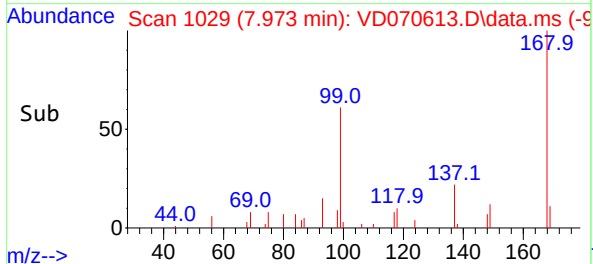
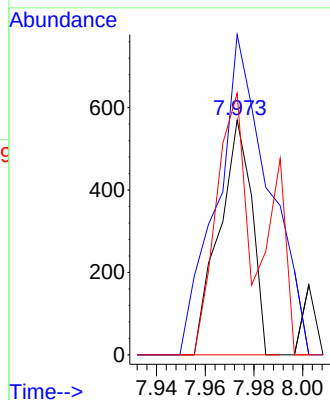
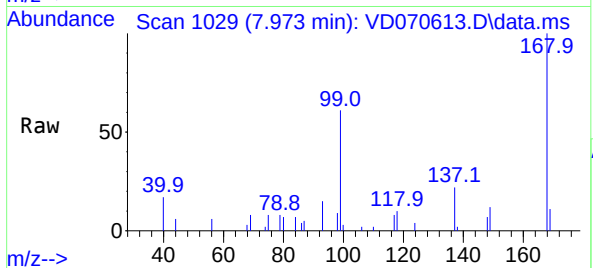




#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

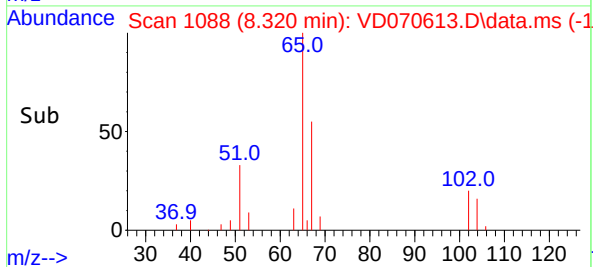
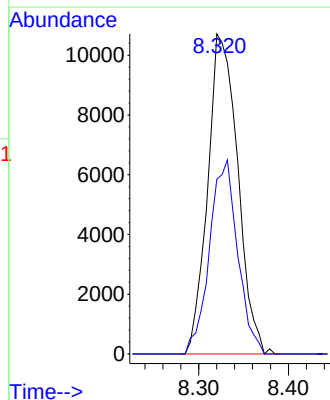
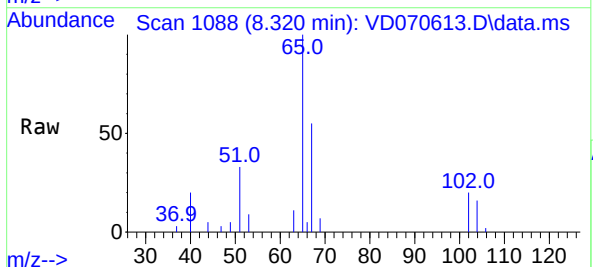
Instrument :
MSVOA_D
ClientSampled :
S-5

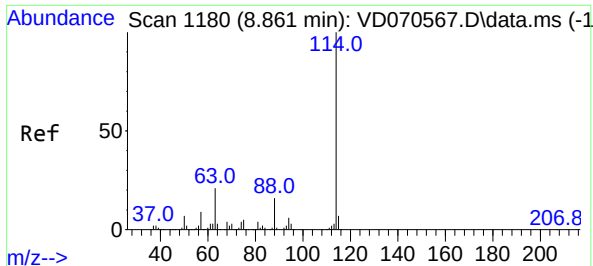
Tgt Ion: 56 Resp: 530
Ion Ratio Lower Upper
56 100
69 136.3 27.4 41.2#
84 111.4 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 87.28 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

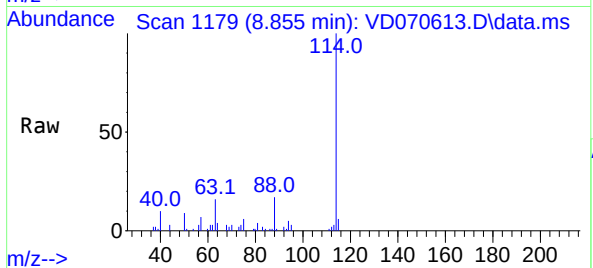
Tgt Ion: 65 Resp: 24867
Ion Ratio Lower Upper
65 100
67 56.9 0.0 110.2



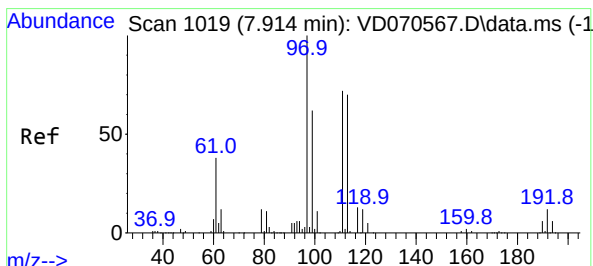
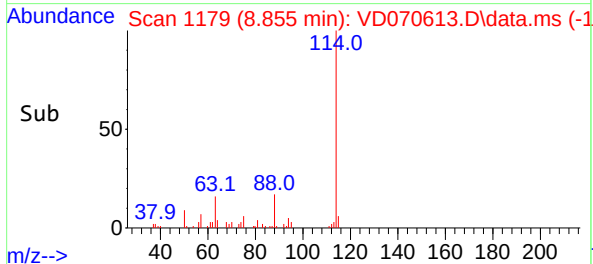
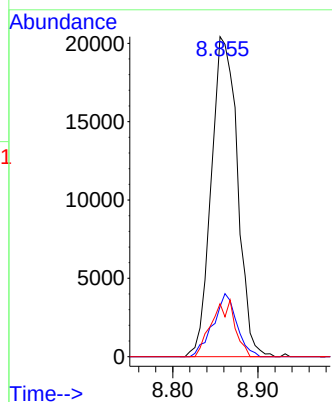


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Instrument :
MSVOA_D
ClientSampled :
S-5

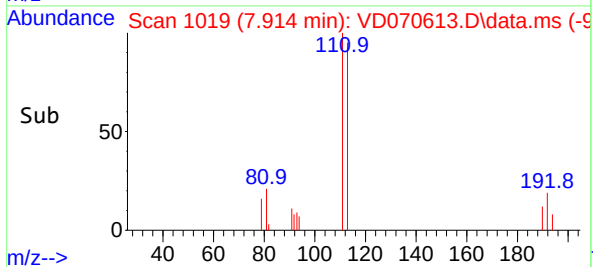
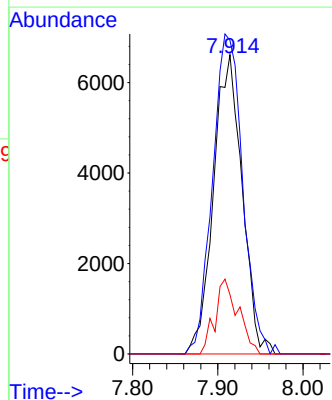
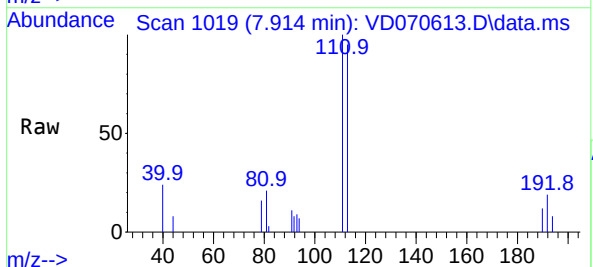


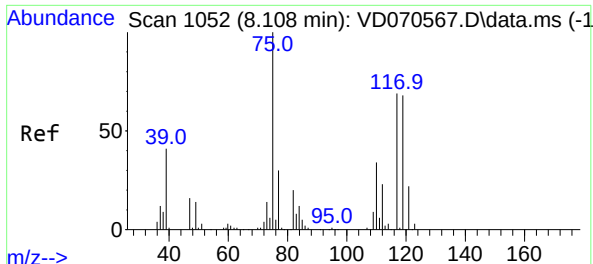
Tgt Ion:	114	Resp:	43525
Ion Ratio	Lower	Upper	
114	100		
63	15.7	0.0	41.8
88	16.6	0.0	32.6



#35
Dibromofluoromethane
Concen: 53.37 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion:	113	Resp:	15443
Ion Ratio	Lower	Upper	
113	100		
111	112.6	83.1	124.7
192	20.3	12.7	19.1#

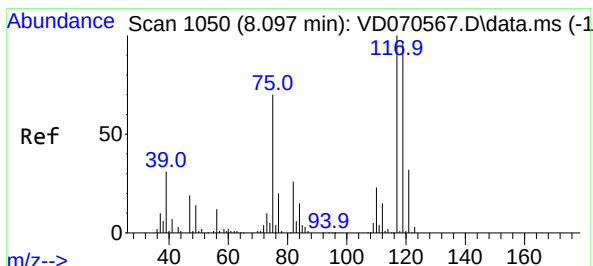
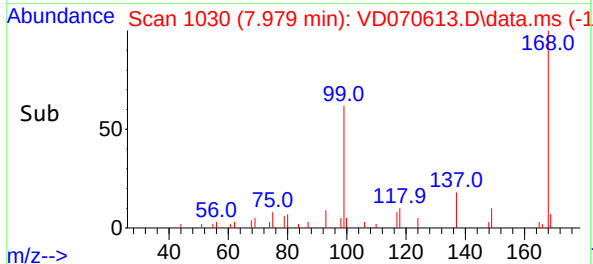
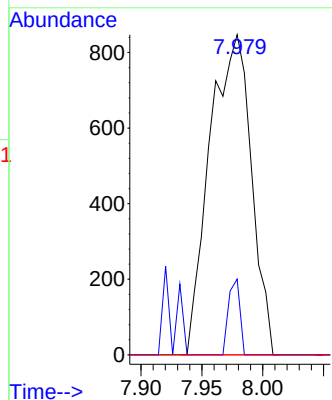
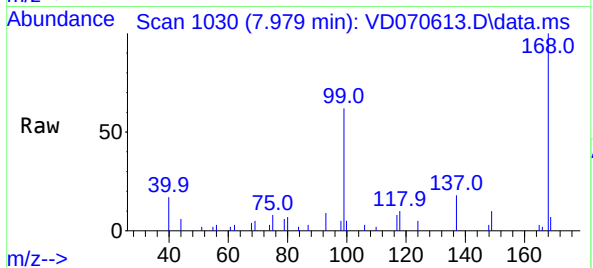




#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

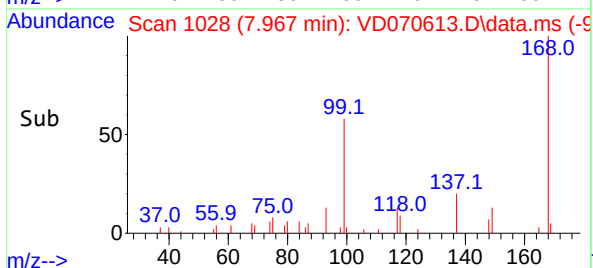
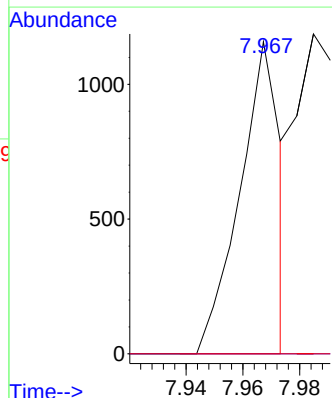
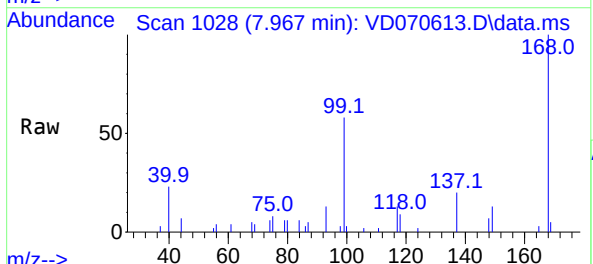
Instrument :
MSVOA_D
ClientSampled :
S-5

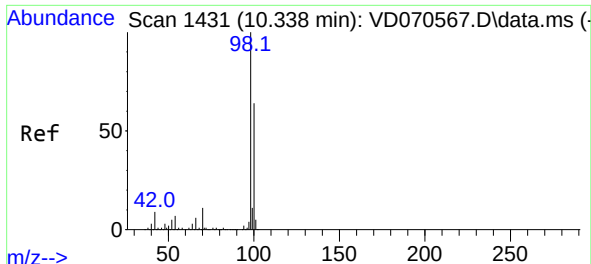
Tgt Ion: 75 Resp: 2012
Ion Ratio Lower Upper
75 100
110 6.5 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 2.38 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.129 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion: 117 Resp: 1153
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#

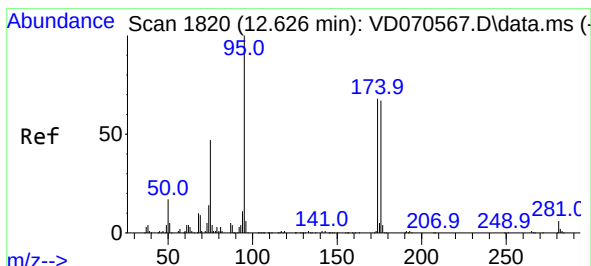
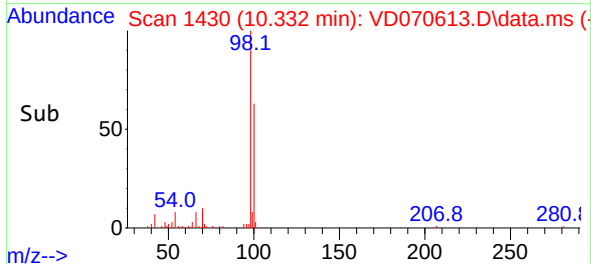
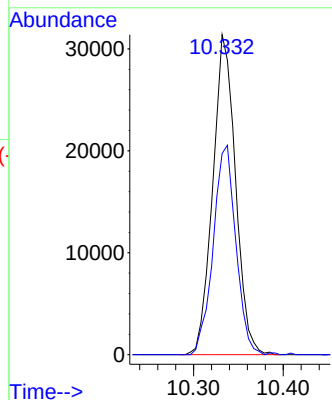
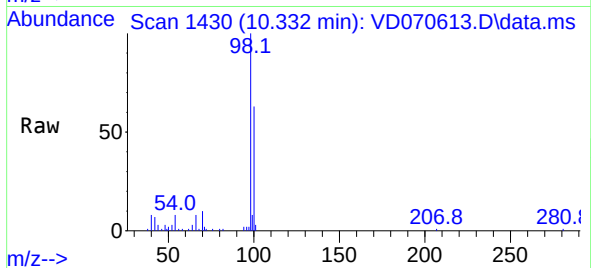




#50
Toluene-d8
Concen: 49.99 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

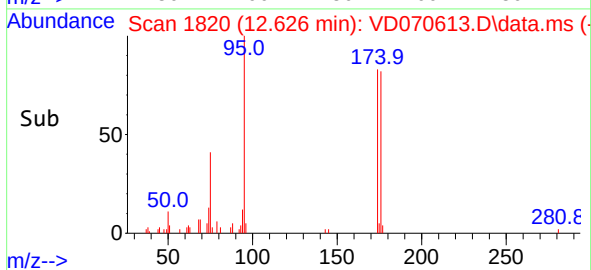
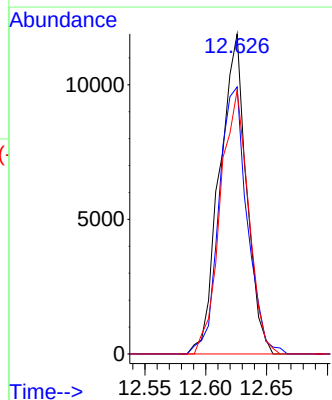
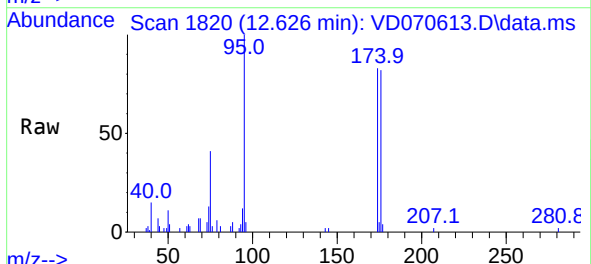
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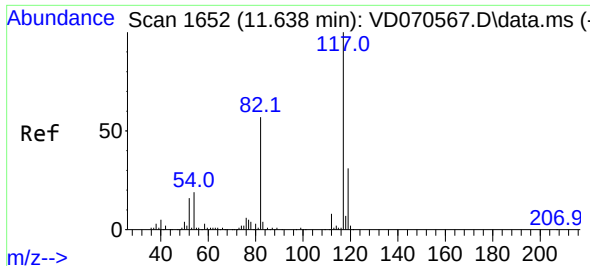
Tgt Ion: 98 Resp: 55299
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.38 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion: 95 Resp: 18256
Ion Ratio Lower Upper
95 100
174 87.5 0.0 138.0
176 86.0 0.0 135.6

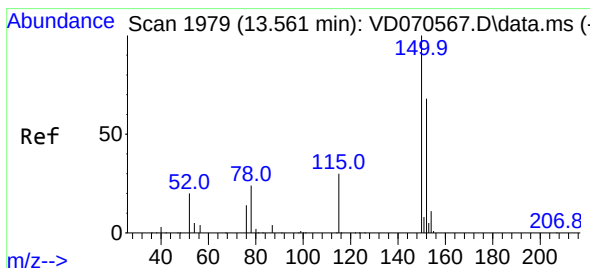
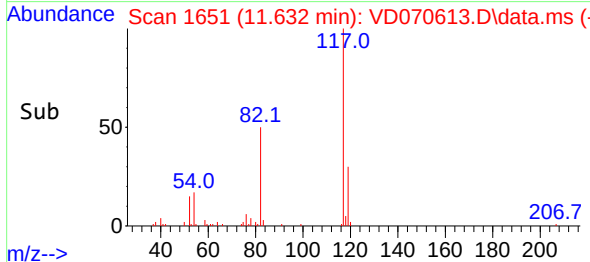
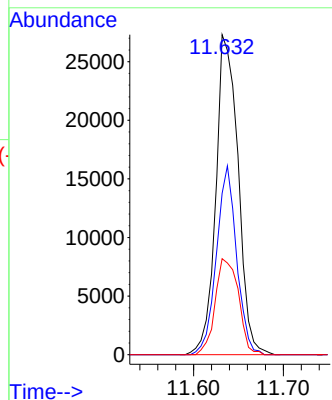
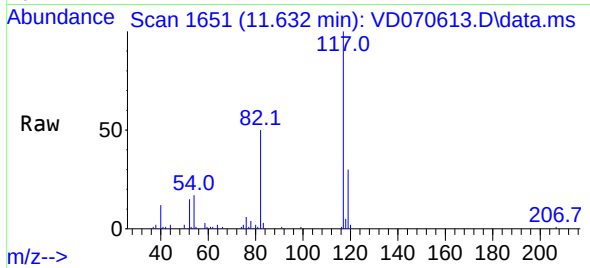




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

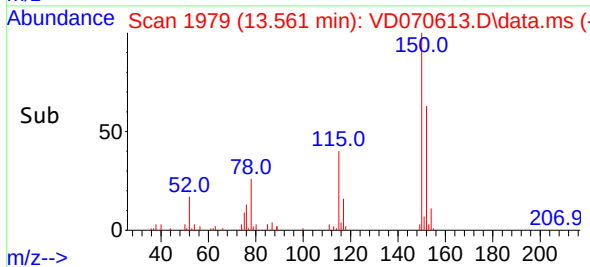
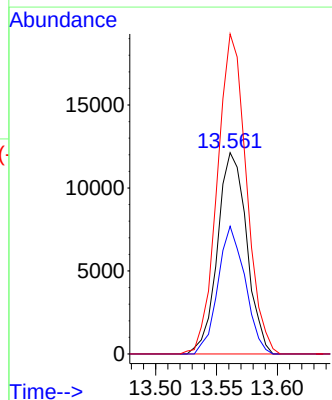
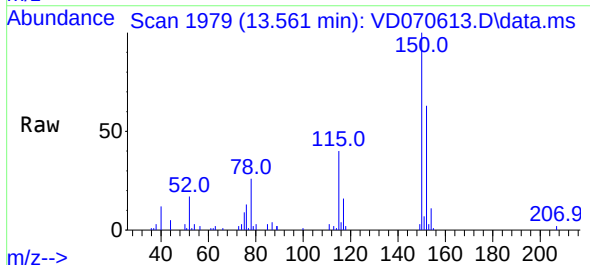
Instrument :
MSVOA_D
ClientSampleId :
S-5

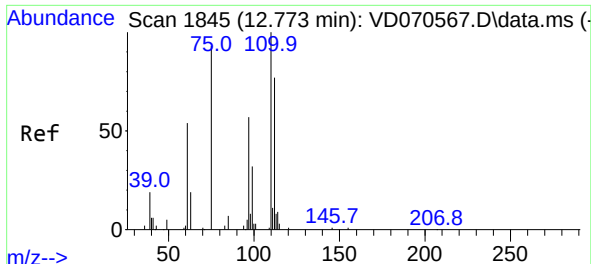
Tgt Ion:	117	Resp:	46982
Ion	Ratio	Lower	Upper
117	100		
82	50.4	45.4	68.2
119	30.0	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion:	152	Resp:	20197
Ion	Ratio	Lower	Upper
152	100		
115	59.1	31.9	95.7
150	158.6	0.0	350.0

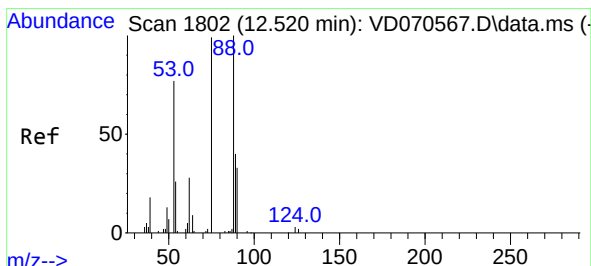
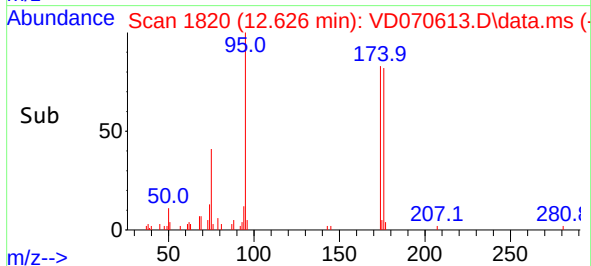
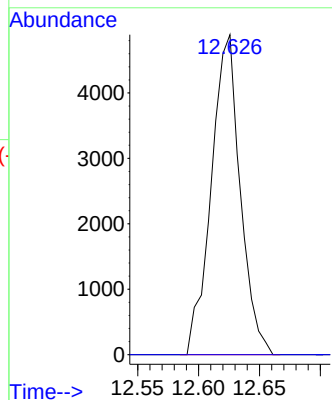
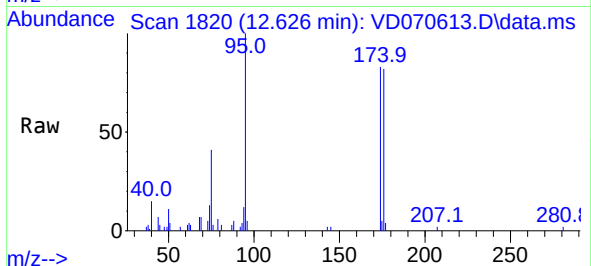




#76
1,2,3-Trichloropropane
Concen: 44.40 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

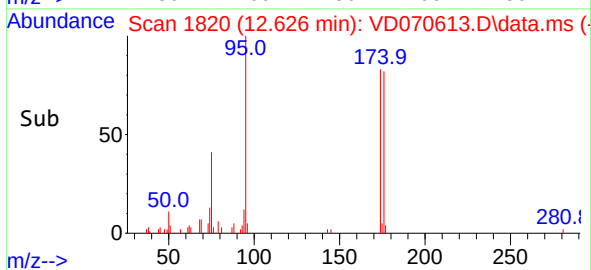
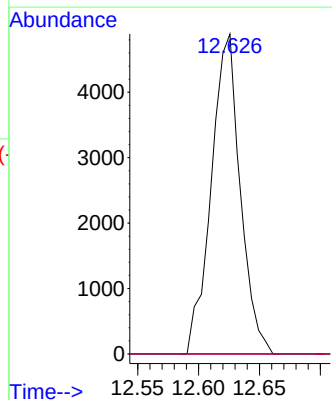
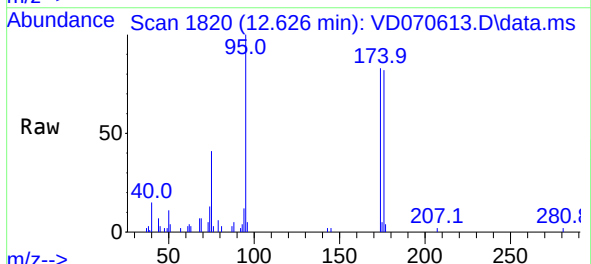
Instrument :
MSVOA_D
ClientSampleId :
S-5

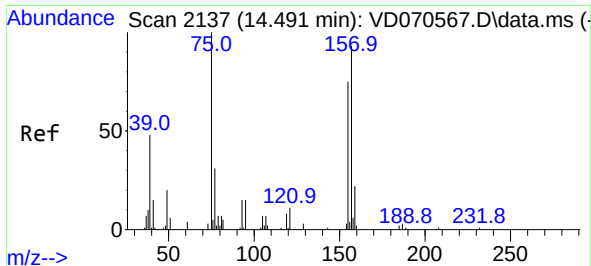
Tgt Ion: 75 Resp: 8116
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 98.57 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion: 75 Resp: 8116
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#

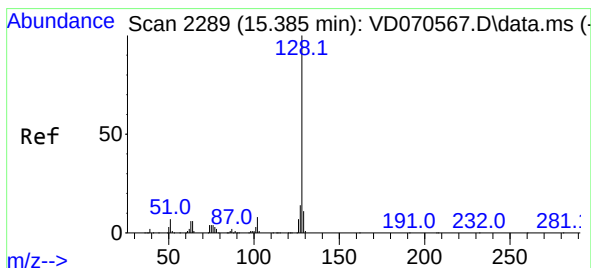
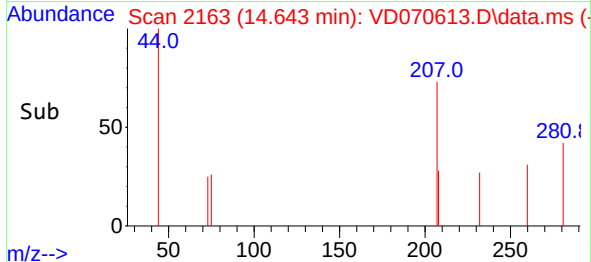
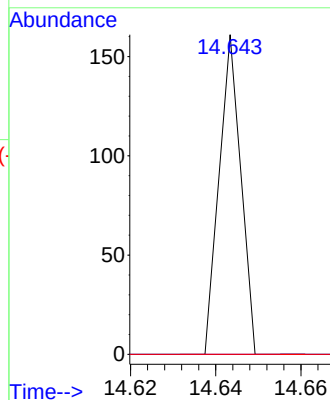
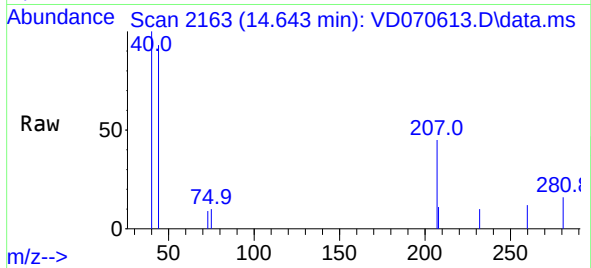




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.37 ug/l
RT: 14.643 min Scan# 2163
Delta R.T. 0.153 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Instrument :
MSVOA_D
ClientSampled :
S-5

Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.5#
157 0.0 47.6 142.9#



#95
Naphthalene
Concen: 2.58 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD070613.D
Acq: 07 Oct 2021 13:24

Tgt Ion: 128 Resp: 64
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

