

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070617.D
 Acq On : 07 Oct 2021 15:18
 Operator : VA/SY
 Sample : M4113-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Oct 08 04:52:33 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	7.973	168	15855	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	24426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	14096	75.54	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.08%
35) Dibromofluoromethane	7.902	113	9862	60.73	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.46%
50) Toluene-d8	10.332	98	30548	49.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.42%
62) 4-Bromofluorobenzene	12.626	95	9882	47.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.26%

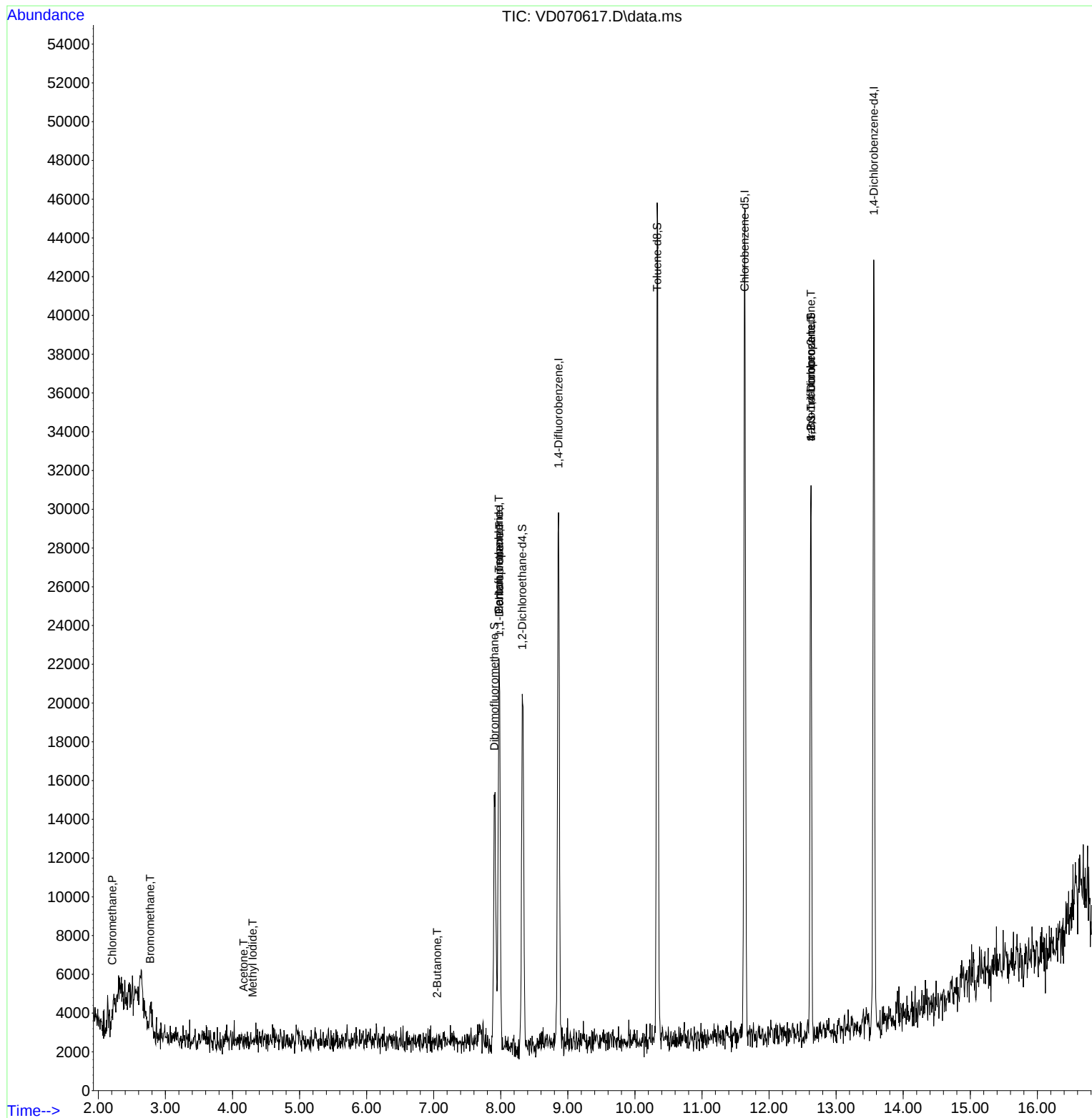
Target Compounds						Qvalue
3) Chloromethane	2.209	50	379	1.58	ug/l	# 42
5) Bromomethane	2.773	94	972	2.63	ug/l	# 59
10) Methyl Iodide	4.303	142	361	2.40	ug/l	# 38
16) Acetone	4.167	43	134	4.23	ug/l	# 40
20) Methylene Chloride	4.961	84	680	Below	Cal	# 52
25) 2-Butanone	7.050	43	76	1.83	ug/l	# 43
36) 1,1-Dichloropropene	7.979	75	1018	3.92	ug/l	# 42
38) Carbon Tetrachloride	7.973	117	1667	6.14	ug/l	# 12
76) 1,2,3-Trichloropropane	12.626	75	4672	42.67	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	4672	94.74	ug/l	# 17

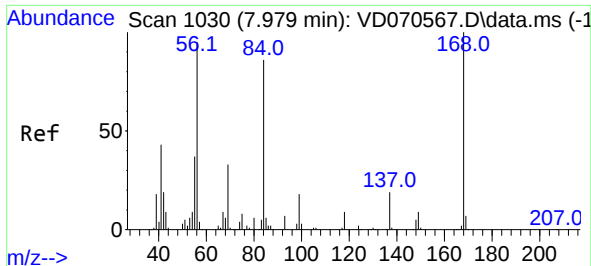
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
Data File : VD070617.D
Acq On : 07 Oct 2021 15:18
Operator : VA/SY
Sample : M4113-03
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2

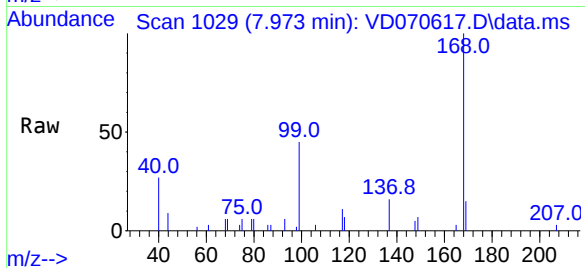
Quant Time: Oct 08 04:52:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration



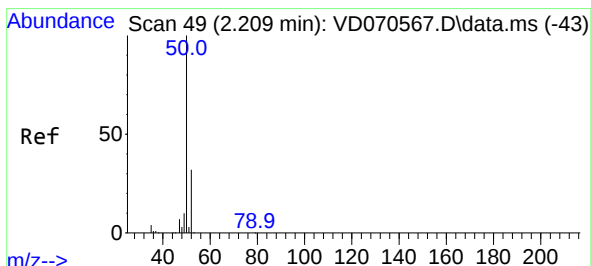
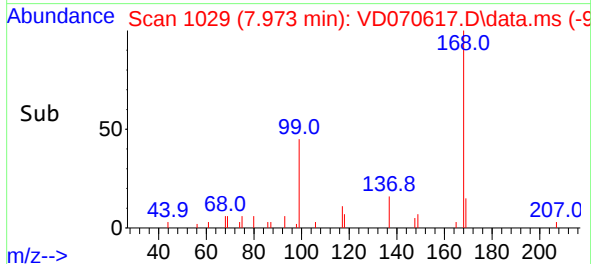
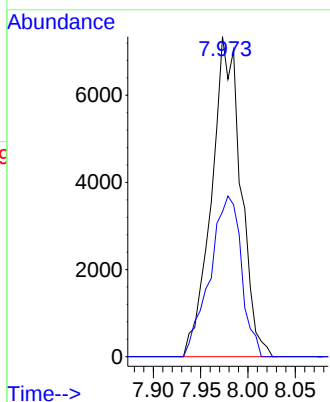


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP-2

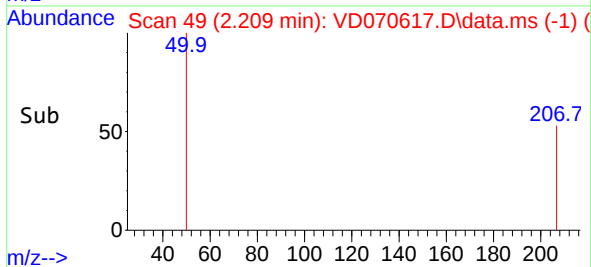
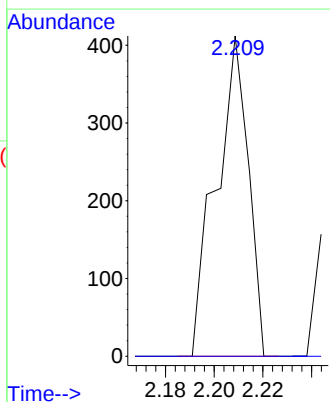
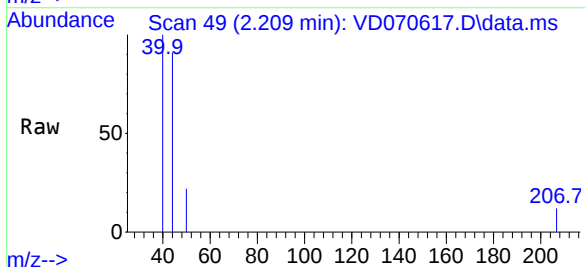


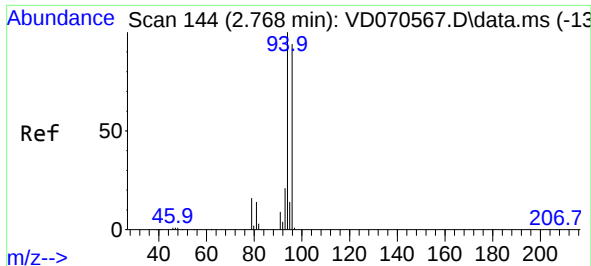
Tgt Ion:168 Resp: 15855
Ion Ratio Lower Upper
168 100
99 45.3 51.4 77.0#



#3
Chloromethane
Concen: 1.58 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

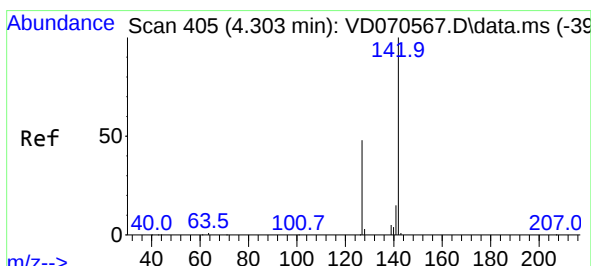
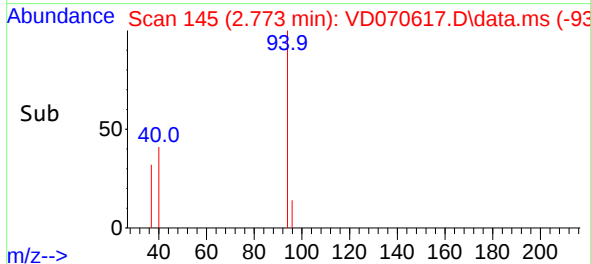
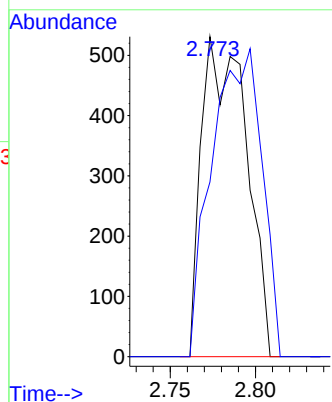
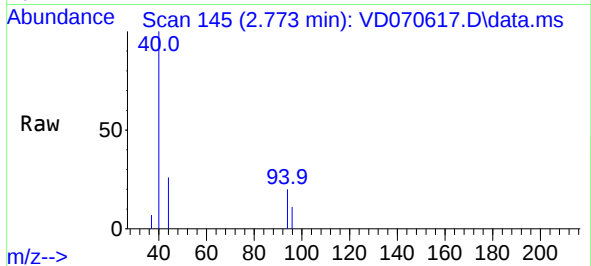




#5
Bromomethane
Concen: 2.63 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

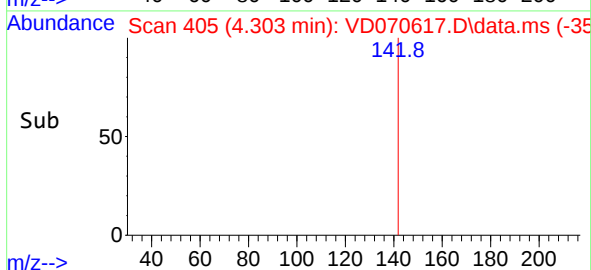
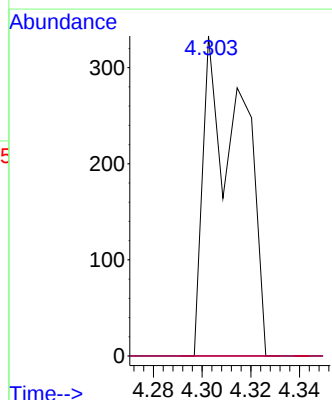
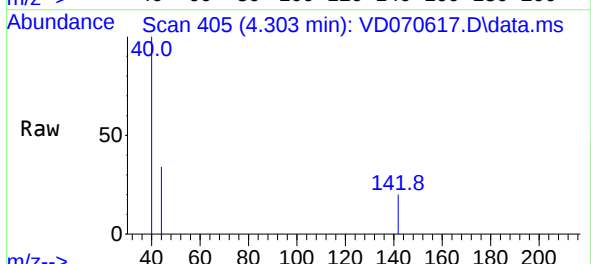
Instrument :
MSVOA_D
ClientSampled :
TP-2

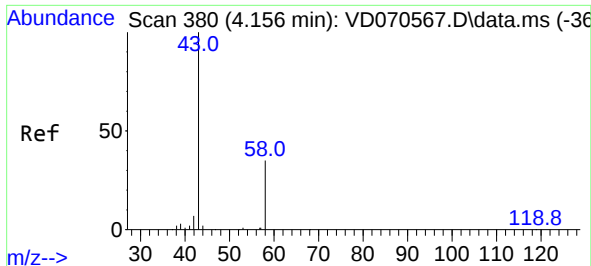
Tgt Ion: 94 Resp: 972
Ion Ratio Lower Upper
94 100
96 54.6 75.5 113.3#



#10
Methyl Iodide
Concen: 2.40 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Tgt Ion:142 Resp: 361
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#

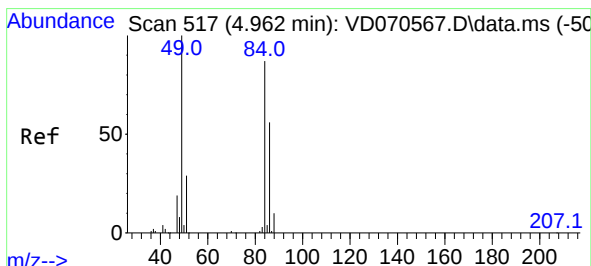
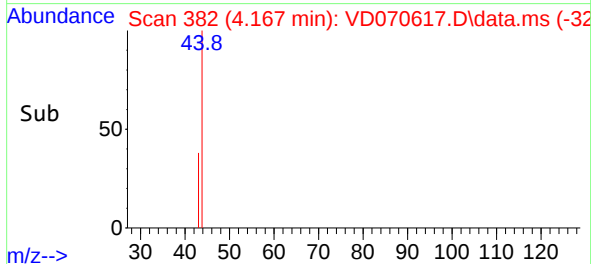
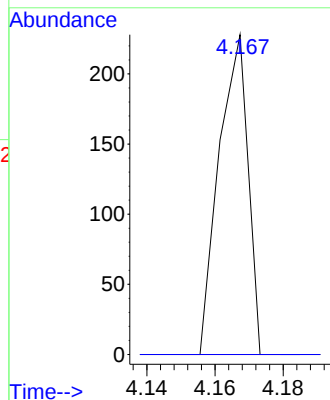
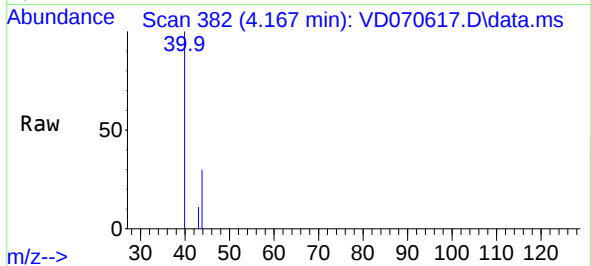




#16
Acetone
Concen: 4.23 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

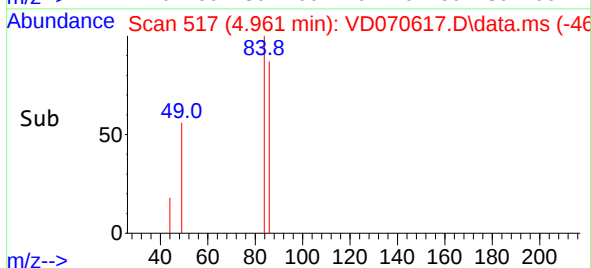
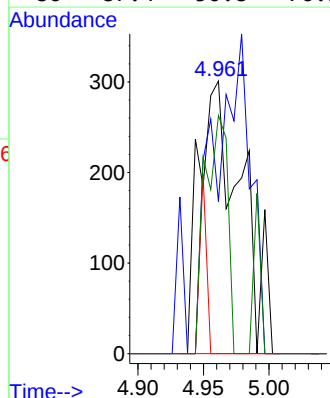
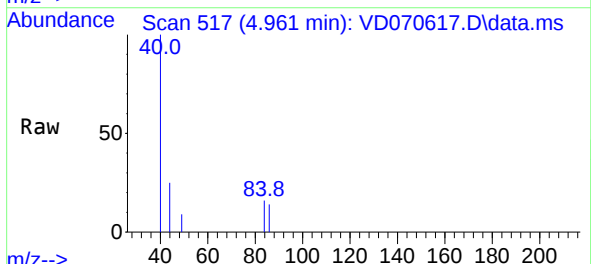
Instrument :
MSVOA_D
ClientSampled :
TP-2

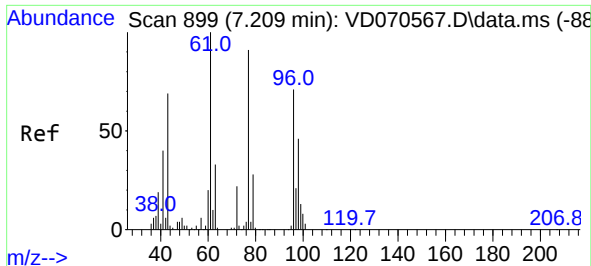
Tgt Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Tgt Ion: 84 Resp: 680
Ion Ratio Lower Upper
84 100
49 55.8 91.4 137.2#
51 0.0 26.7 40.1#
86 87.4 50.8 76.2#

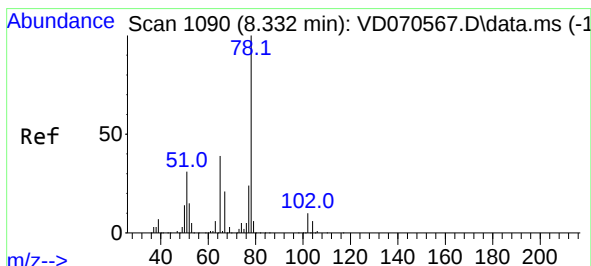
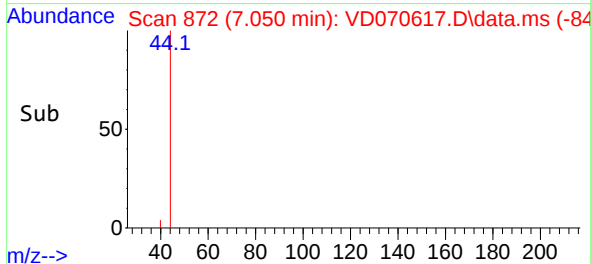
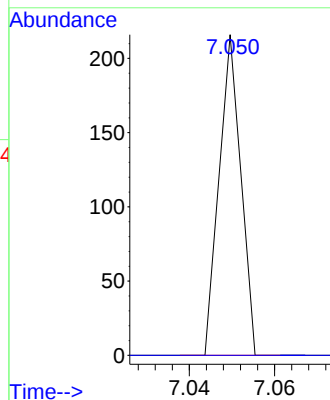
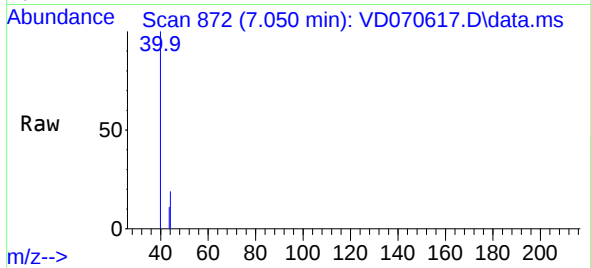




#25
2-Butanone
Concen: 1.83 ug/l
RT: 7.050 min Scan# 872
Delta R.T. -0.159 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

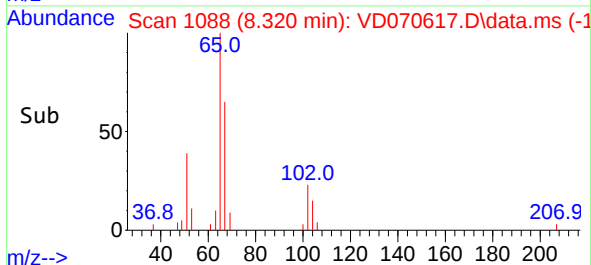
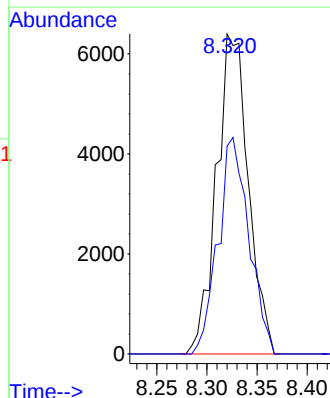
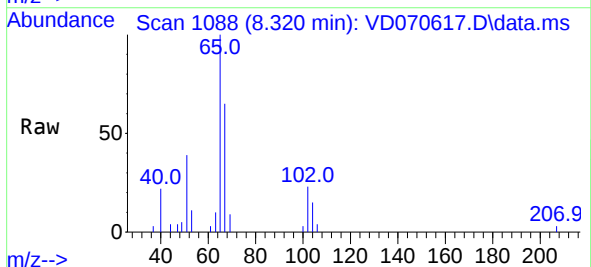
Instrument :
MSVOA_D
ClientSampled :
TP-2

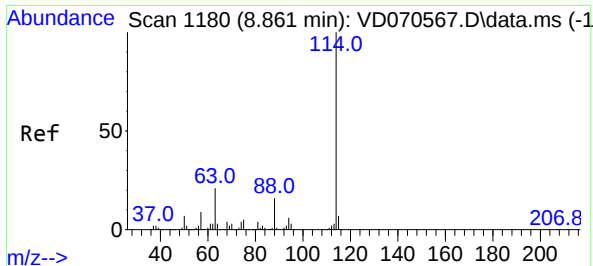
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
72 0.0 25.2 37.8#



#33
1,2-Dichloroethane-d4
Concen: 75.54 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Tgt Ion: 65 Resp: 14096
Ion Ratio Lower Upper
65 100
67 65.6 0.0 110.2



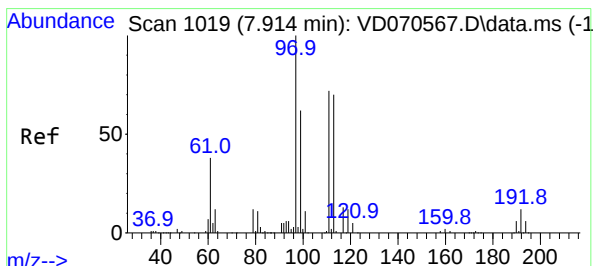
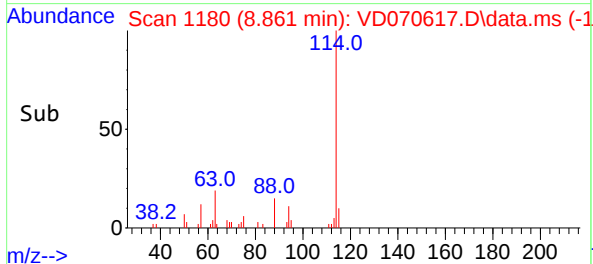
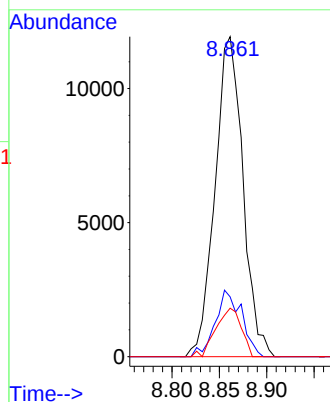
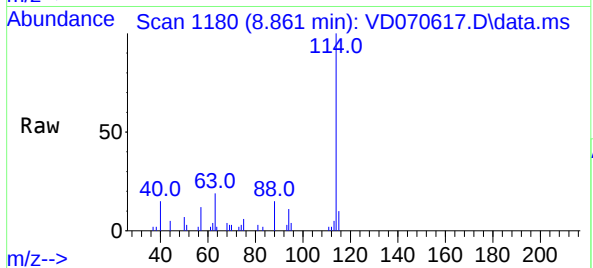


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP-2

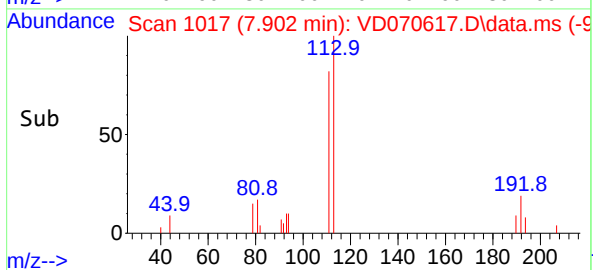
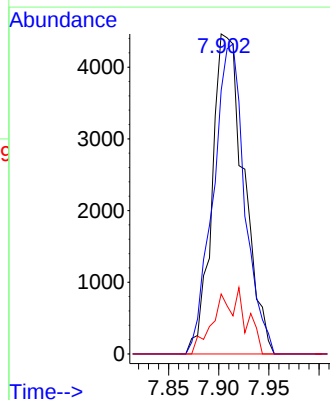
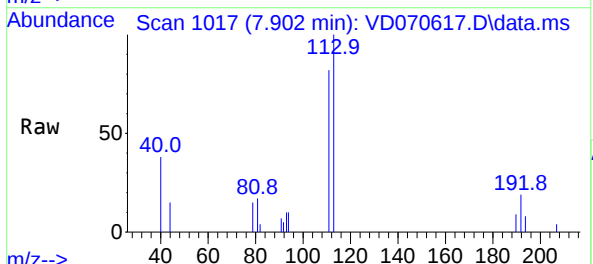
Tgt Ion:	114	Resp:	24426
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	41.8
88	15.2	0.0	32.6

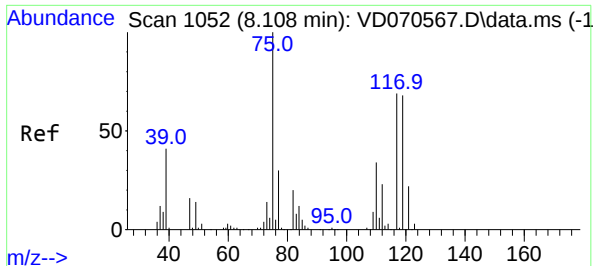


#35

Dibromofluoromethane
Concen: 60.73 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Tgt Ion:	113	Resp:	9862
Ion Ratio	Lower	Upper	
113	100		
111	96.1	83.1	124.7
192	11.9	12.7	19.1#



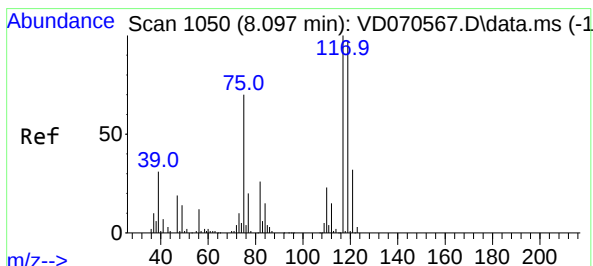
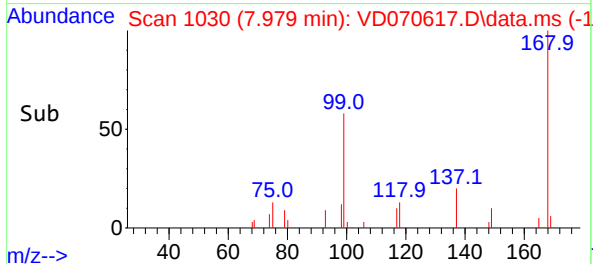
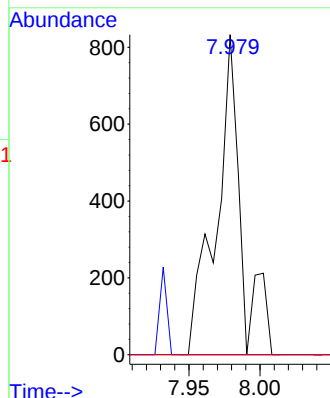
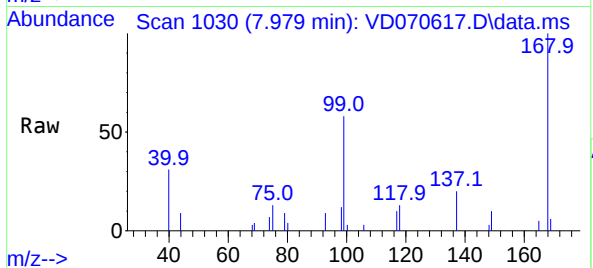


#36

1,1-Dichloropropene
Concen: 3.92 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Instrument :
MSVOA_D
ClientSampled :
TP-2

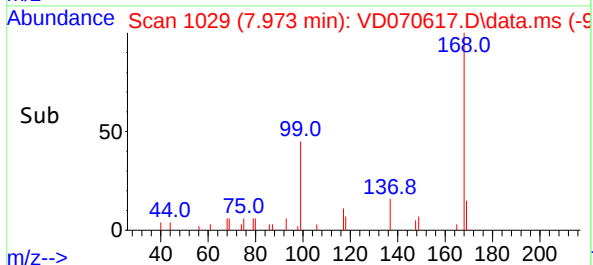
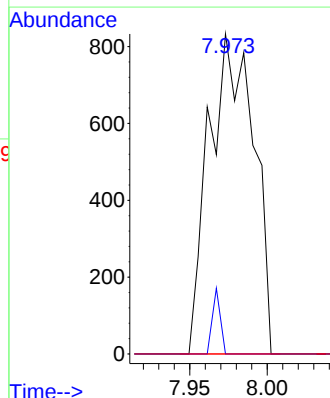
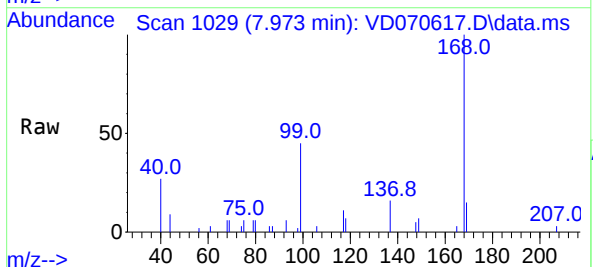
Tgt Ion: 75 Resp: 1018
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.6#
77 0.0 24.2 36.4#

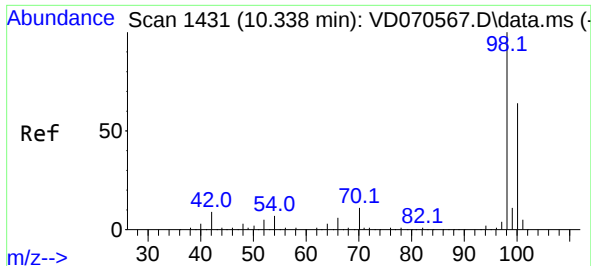


#38

Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Tgt Ion: 117 Resp: 1667
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#

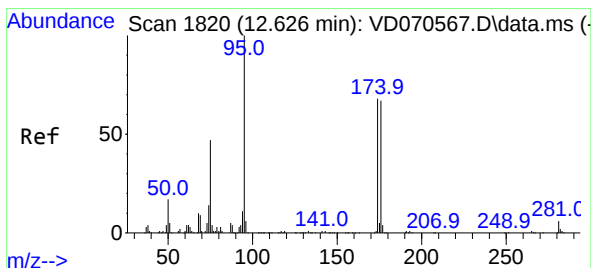
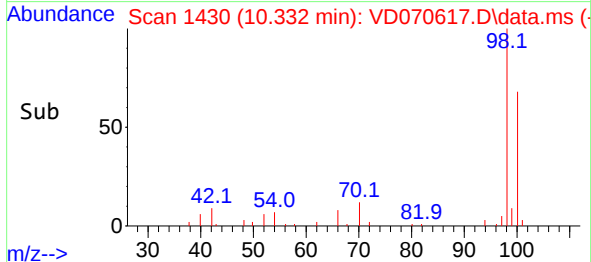
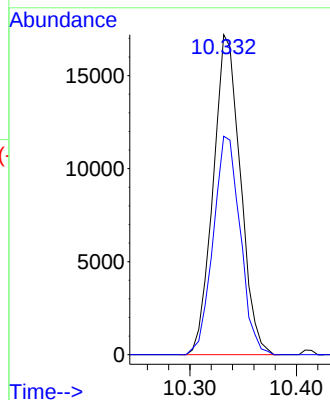
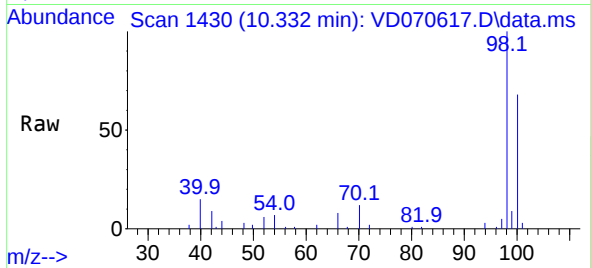




#50
Toluene-d8
Concen: 49.21 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

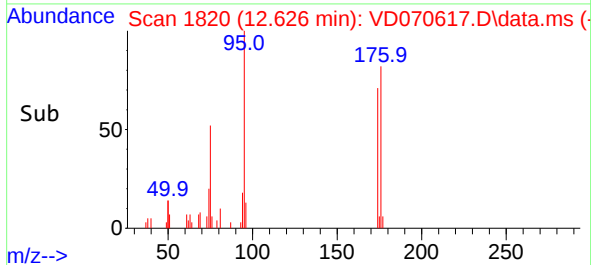
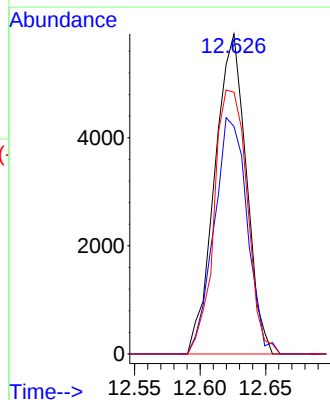
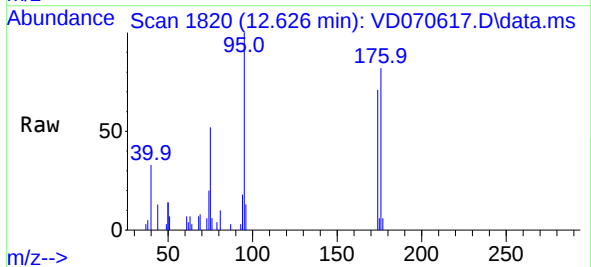
Instrument :
MSVOA_D
ClientSampled :
TP-2

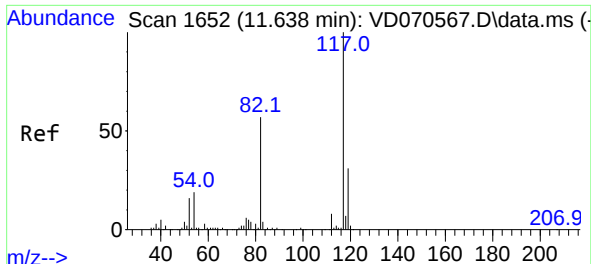
Tgt Ion: 98 Resp: 30548
Ion Ratio Lower Upper
98 100
100 67.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.63 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

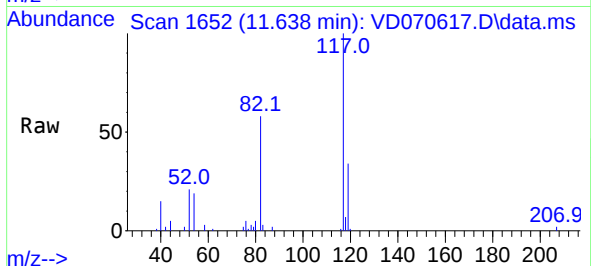
Tgt Ion: 95 Resp: 9882
Ion Ratio Lower Upper
95 100
174 77.7 0.0 138.0
176 86.4 0.0 135.6



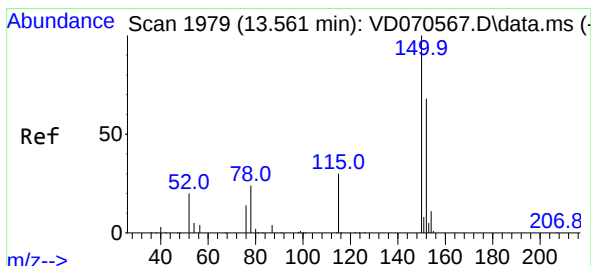
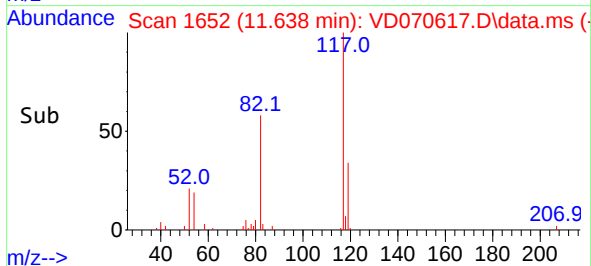
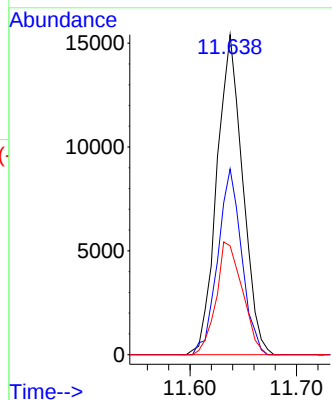


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP-2

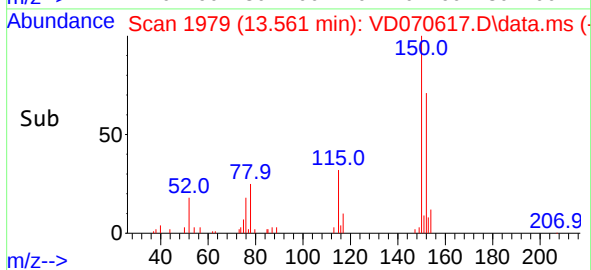
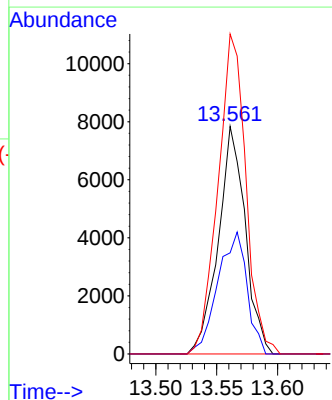
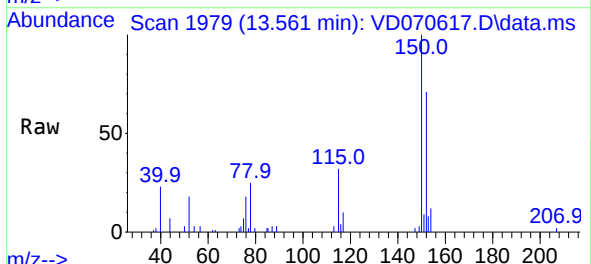


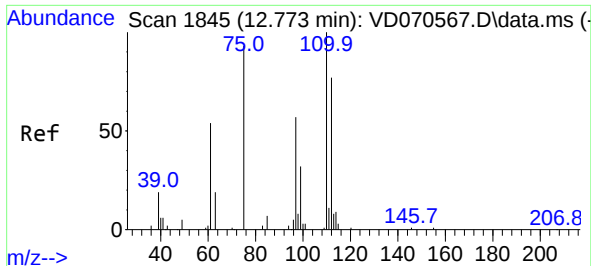
Tgt Ion:	117	Resp:	25888
Ion Ratio	100	Lower	Upper
117	100		
82	58.1	45.4	68.2
119	34.0	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Tgt Ion:	152	Resp:	12097
Ion Ratio	100	Lower	Upper
152	100		
115	58.0	31.9	95.7
150	145.0	0.0	350.0

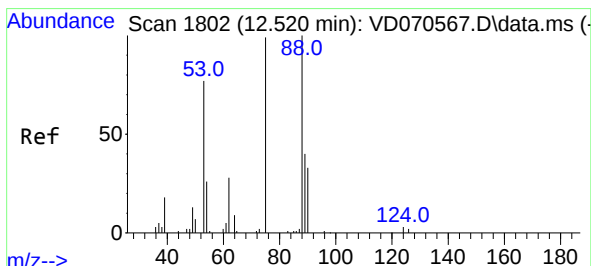
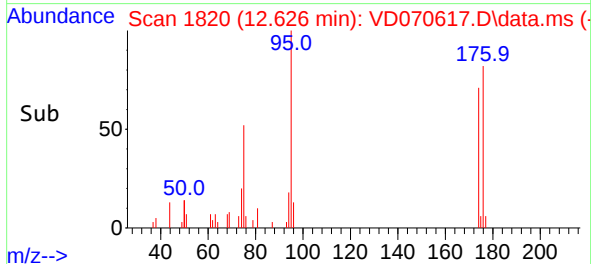
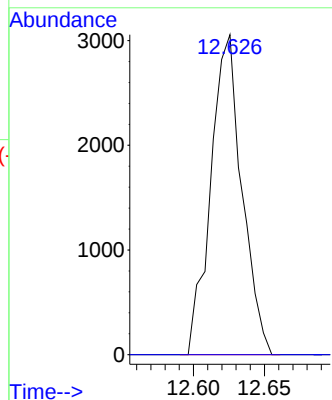
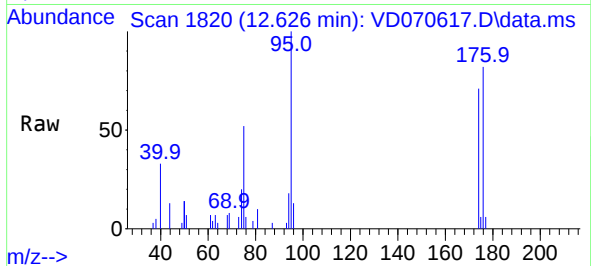




#76
1,2,3-Trichloropropane
Concen: 42.67 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 4672
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 94.74 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070617.D
Acq: 07 Oct 2021 15:18

Tgt Ion: 75 Resp: 4672
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#

