

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070616.D
 Acq On : 07 Oct 2021 14:50
 Operator : VA/SY
 Sample : M4113-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Oct 08 04:52:17 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)

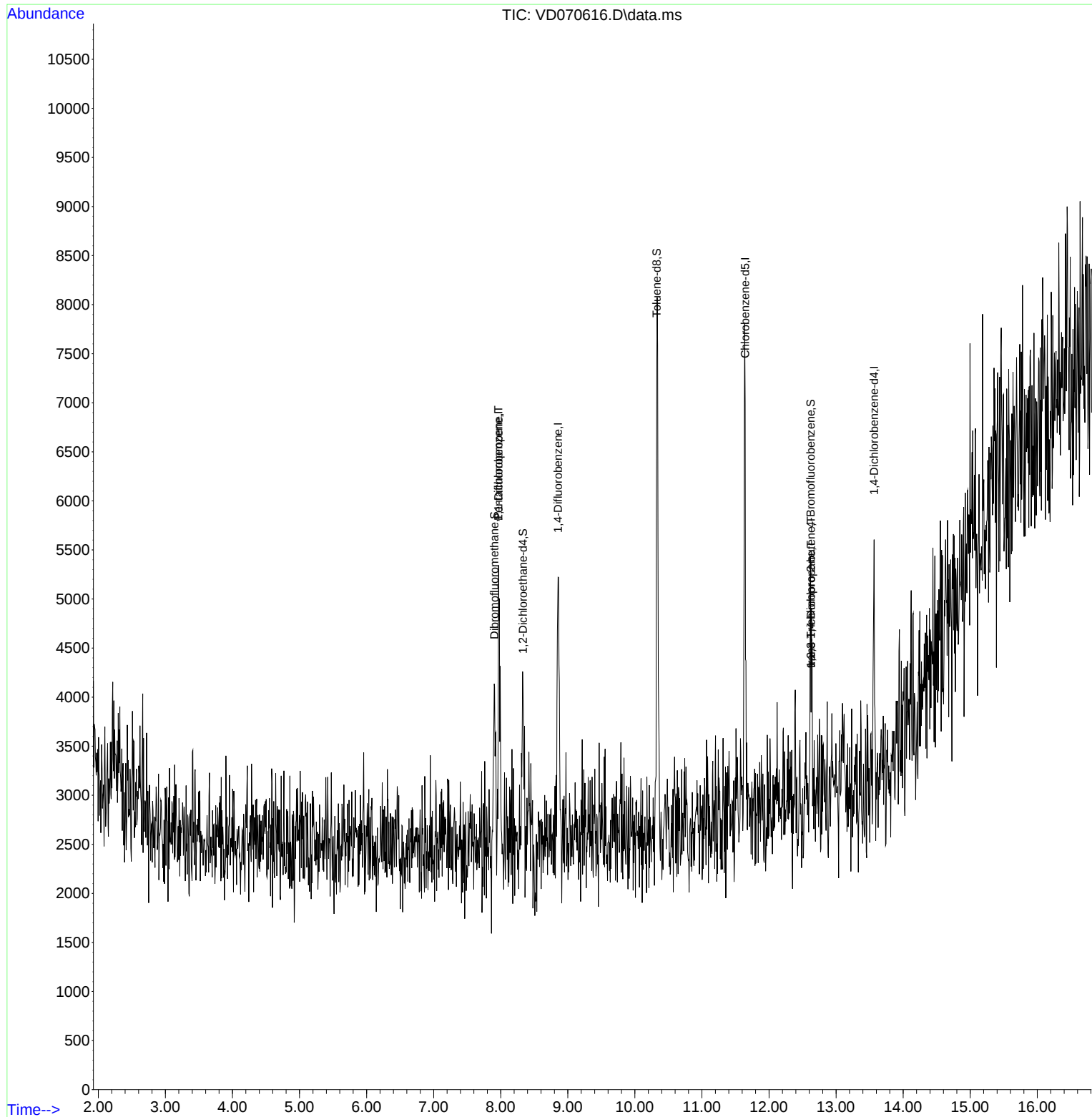
Internal Standards						
1) Pentafluorobenzene	7.967	168	2442	50.00	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.855	114	4125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	3342	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	1662	57.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.66%	
35) Dibromofluoromethane	7.903	113	1101	40.15	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.30%	
50) Toluene-d8	10.326	98	3761	35.87	ug/l	-0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 71.74%	
62) 4-Bromofluorobenzene	12.620	95	1029	29.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 58.74%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.950	84	67	Below Cal	#	9
36) 1,1-Dichloropropene	7.967	75	182	4.15	ug/l	# 42
76) 1,2,3-Trichloropropane	12.626	75	360	52.82	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	360	117.27	ug/l	# 17

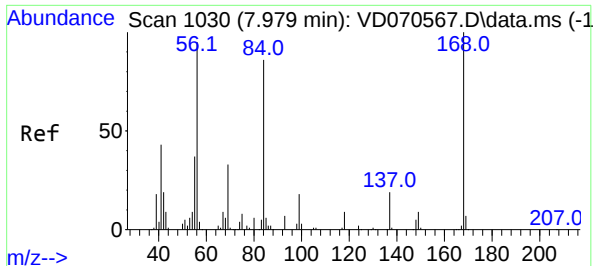
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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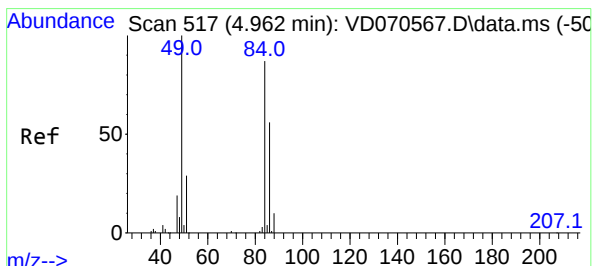
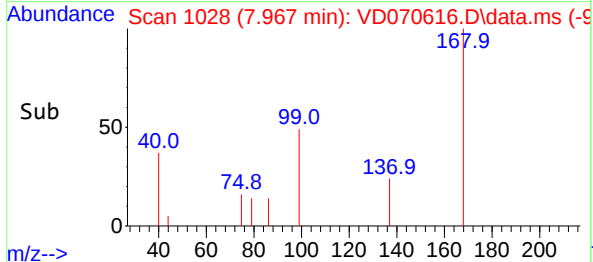
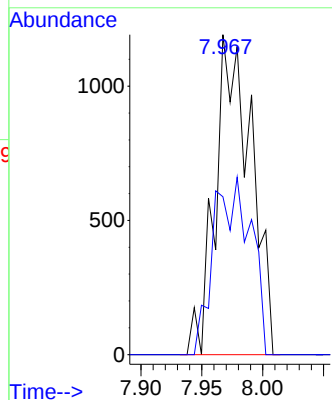
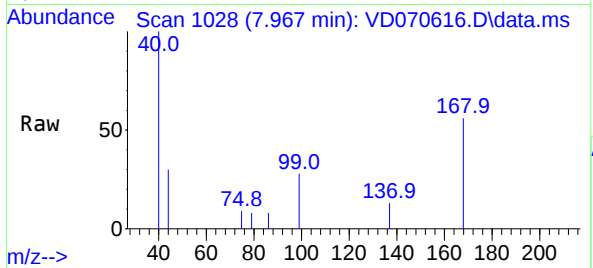




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

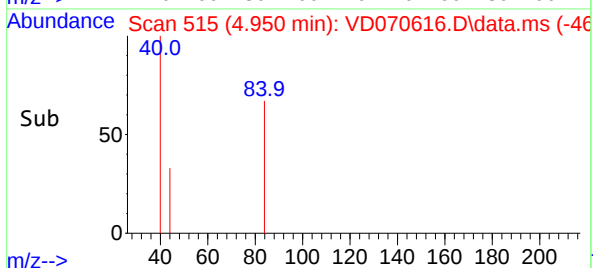
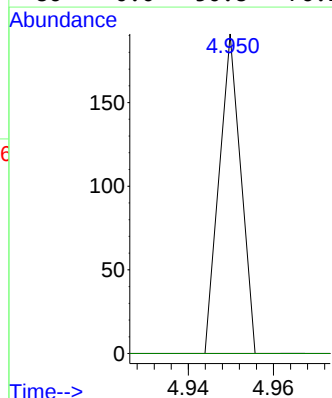
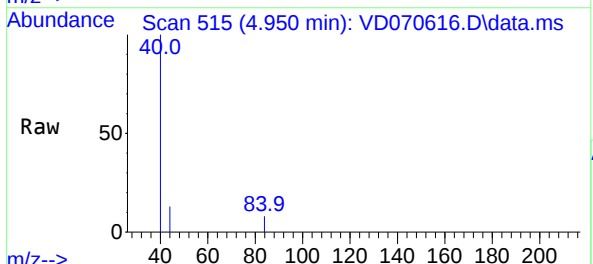
Instrument :
MSVOA_D
ClientSampled :
TP-1

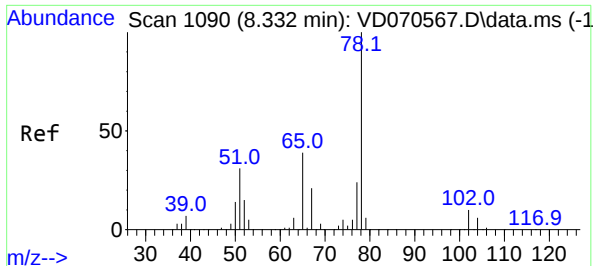
Tgt Ion:168 Resp: 2442
Ion Ratio Lower Upper
168 100
99 49.3 51.4 77.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

Tgt Ion: 84 Resp: 67
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#

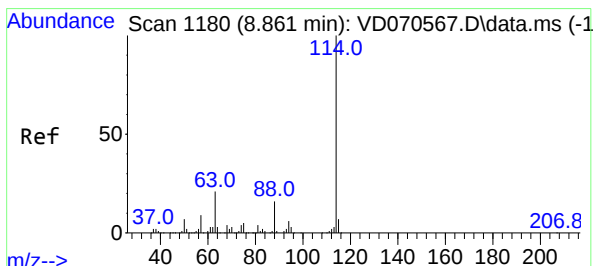
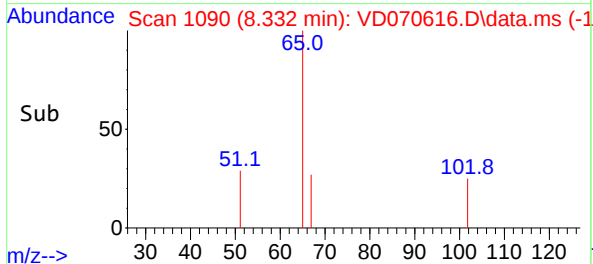
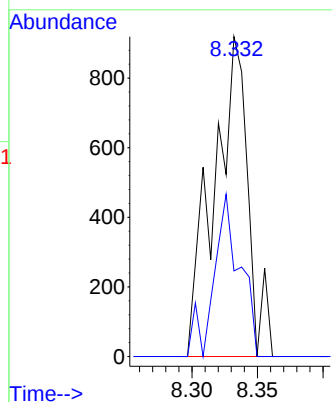
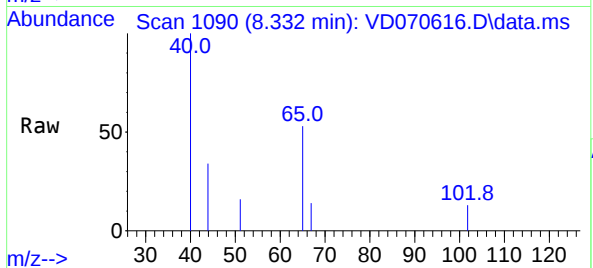




#33
1,2-Dichloroethane-d4
Concen: 57.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

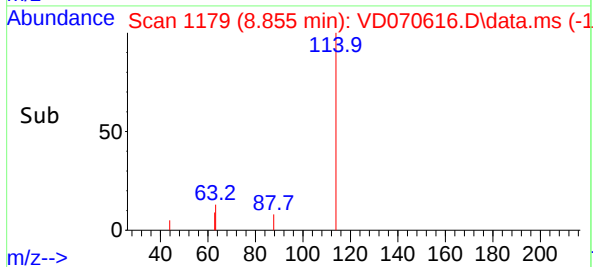
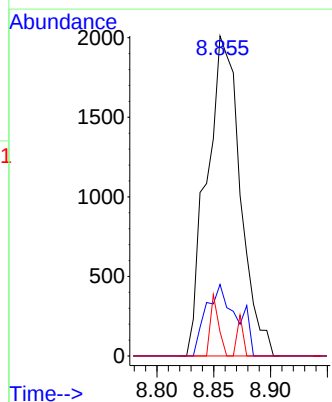
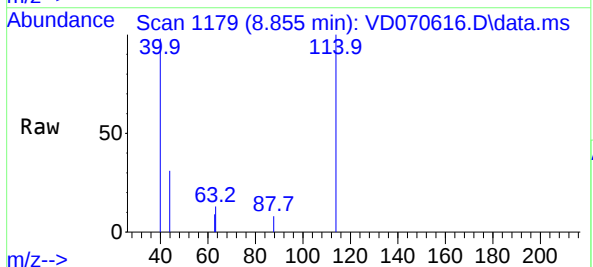
Instrument :
MSVOA_D
ClientSampled :
TP-1

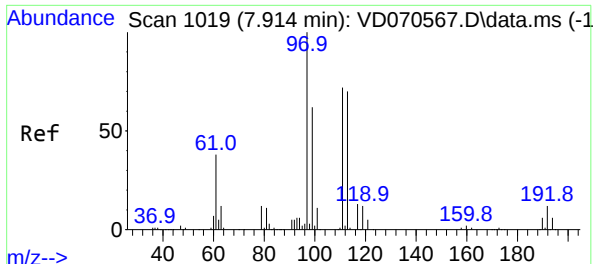
Tgt Ion: 65 Resp: 1662
Ion Ratio Lower Upper
65 100
67 38.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

Tgt Ion: 114 Resp: 4125
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 7.5 0.0 32.6



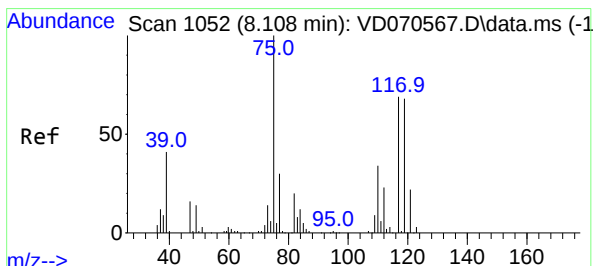
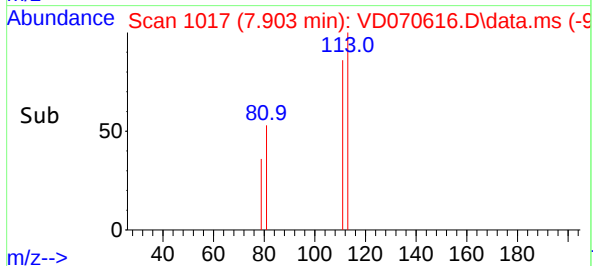
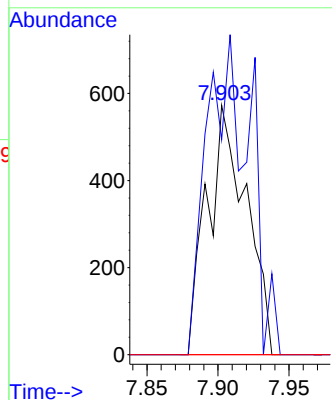
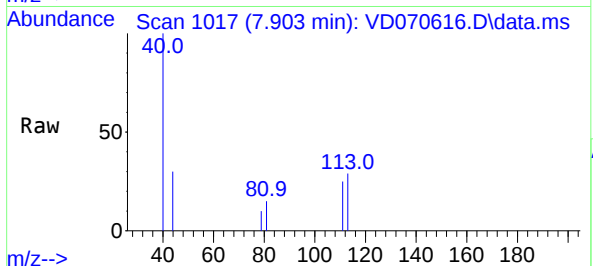


#35
Dibromofluoromethane
Concen: 40.15 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tgt Ion:113 Resp: 1101

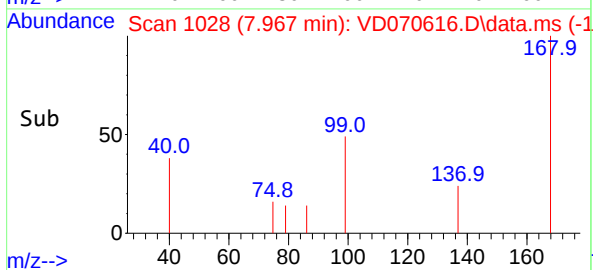
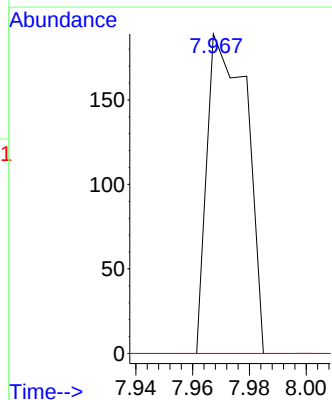
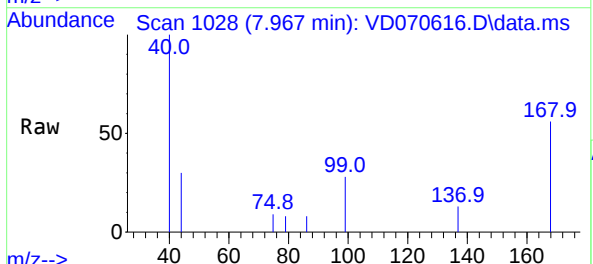
Ion	Ratio	Lower	Upper
113	100		
111	140.1	83.1	124.7#
192	0.0	12.7	19.1#

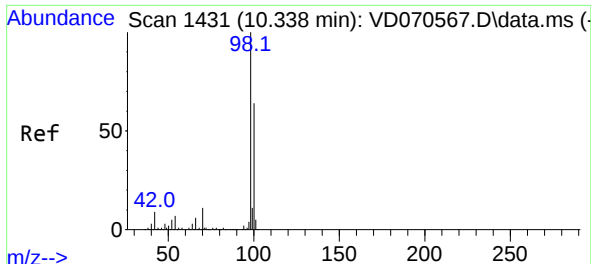


#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

Tgt Ion: 75 Resp: 182

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.2	51.6#
77	0.0	24.2	36.4#

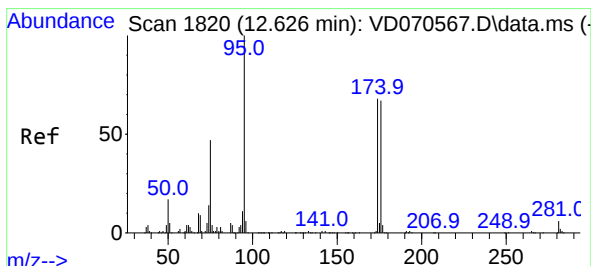
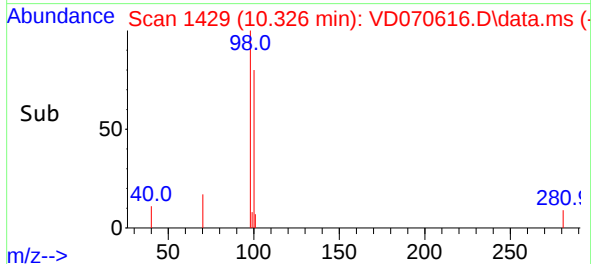
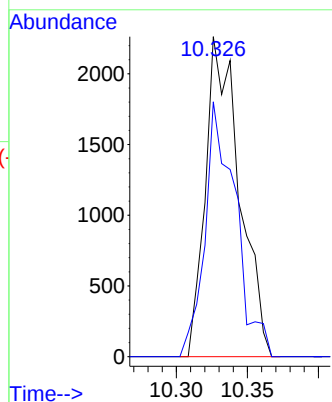
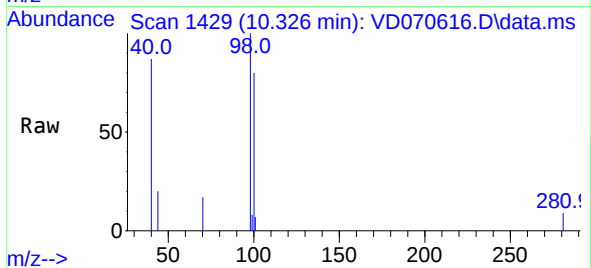




#50
Toluene-d8
Concen: 35.87 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.012 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

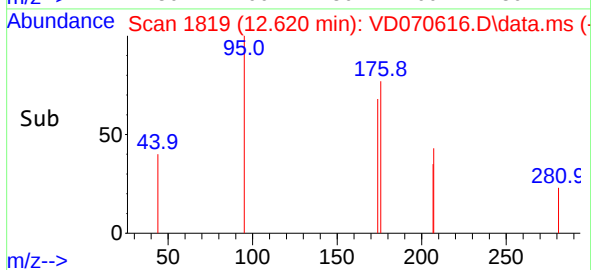
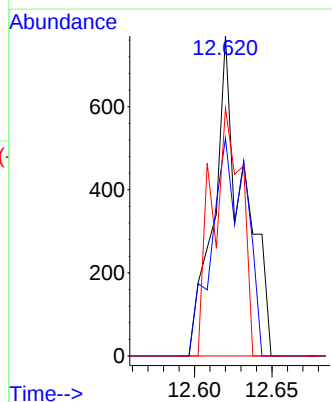
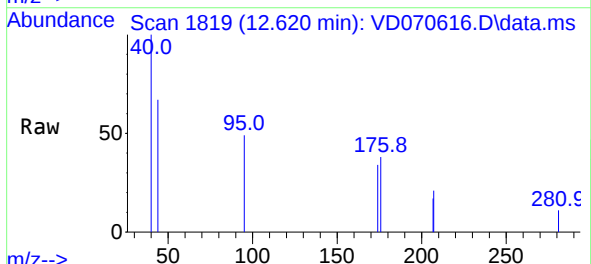
Instrument :
MSVOA_D
ClientSampleId :
TP-1

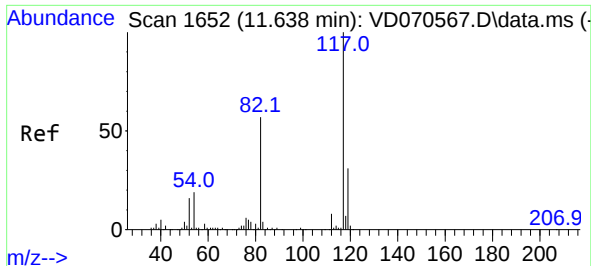
Tgt Ion: 98 Resp: 3761
Ion Ratio Lower Upper
98 100
100 71.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 29.37 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

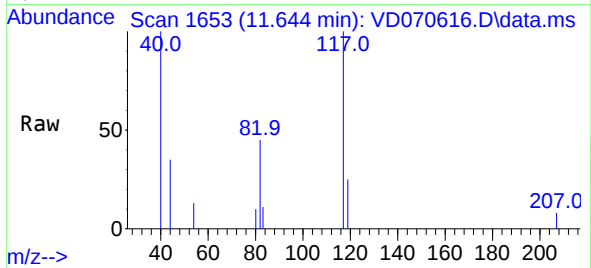
Tgt Ion: 95 Resp: 1029
Ion Ratio Lower Upper
95 100
174 78.2 0.0 138.0
176 75.9 0.0 135.6



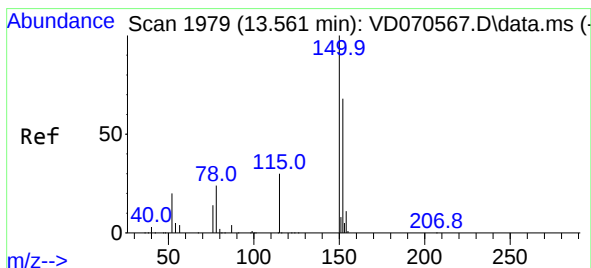
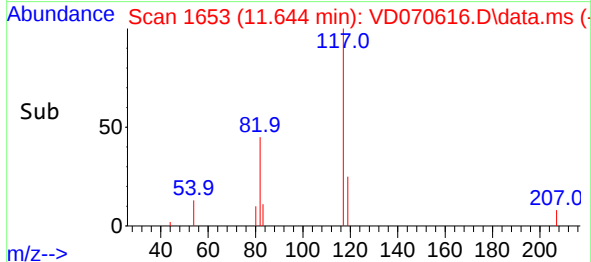
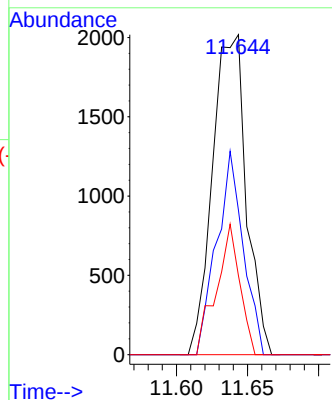


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

Instrument :
MSVOA_D
ClientSampled :
TP-1

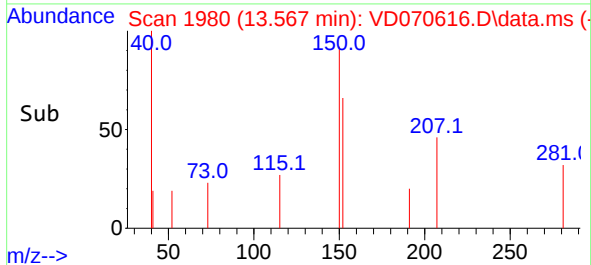
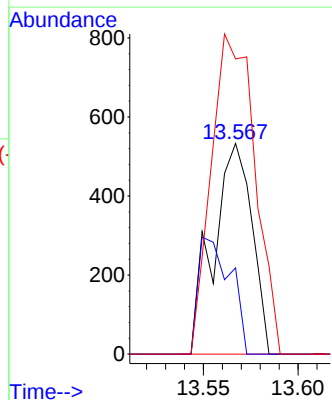
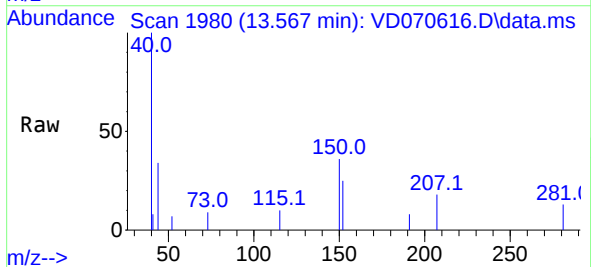


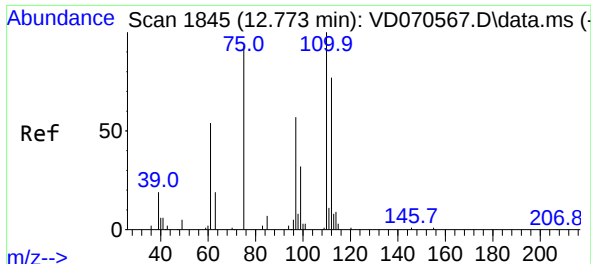
Tgt Ion:117 Resp: 3342
Ion Ratio Lower Upper
117 100
82 45.1 45.4 68.2#
119 24.7 24.7 37.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

Tgt Ion:152 Resp: 753
Ion Ratio Lower Upper
152 100
115 46.2 31.9 95.7
150 172.2 0.0 350.0

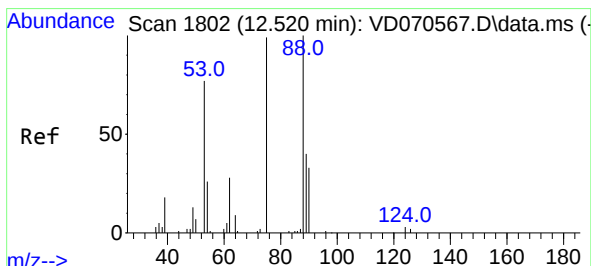
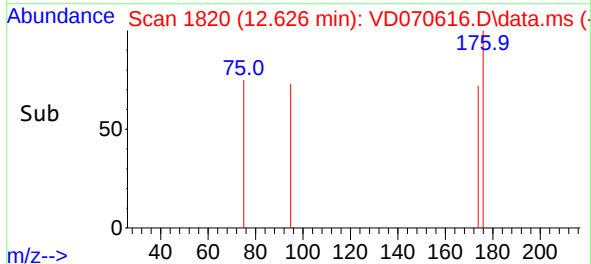
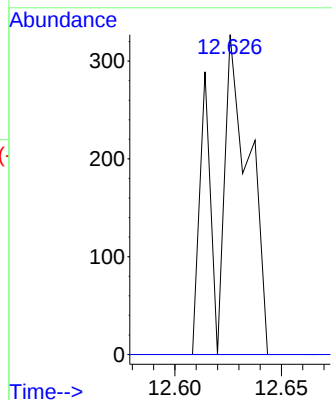
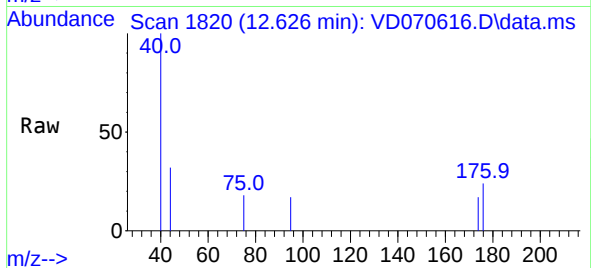




#76
1,2,3-Trichloropropane
Concen: 52.82 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tgt Ion: 75 Resp: 360
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 117.27 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070616.D
Acq: 07 Oct 2021 14:50

Tgt Ion: 75 Resp: 360
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#

