

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070619.D
 Acq On : 07 Oct 2021 16:15
 Operator : VA/SY
 Sample : M4113-07
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Oct 08 04:53:08 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)

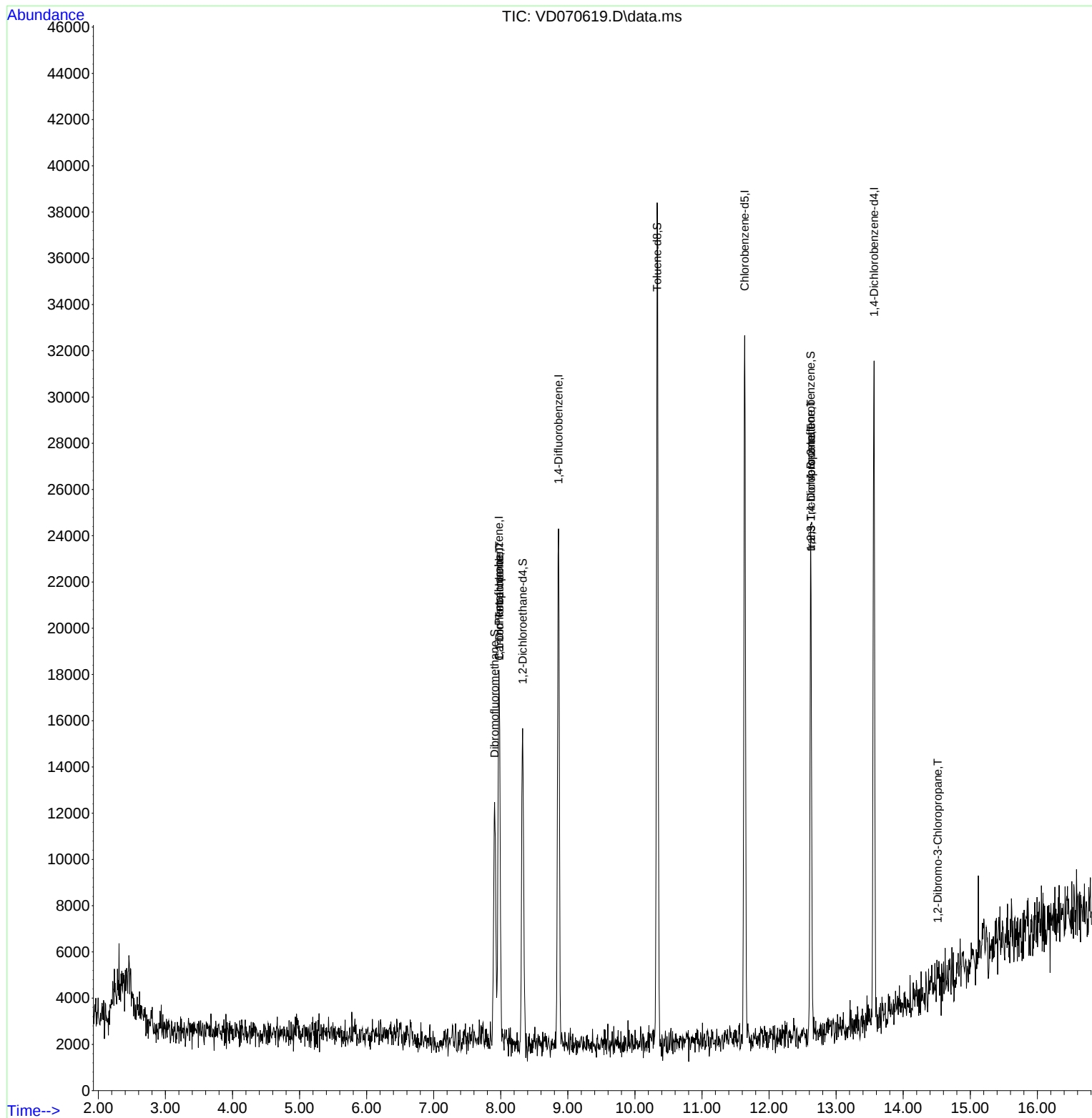
Internal Standards						
1) Pentafluorobenzene	7.973	168	13250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	20292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	20658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	9245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10704	68.64	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.28%			
35) Dibromofluoromethane	7.908	113	7656	56.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.50%			
50) Toluene-d8	10.332	98	25066	48.60	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.20%			
62) 4-Bromofluorobenzene	12.620	95	7870	45.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.32%			
Target Compounds						
20) Methylene Chloride	4.956	84	163	Below Cal	#	24
36) 1,1-Dichloropropene	7.979	75	1221	5.67	ug/l #	42
38) Carbon Tetrachloride	7.979	117	1452	6.44	ug/l #	12
76) 1,2,3-Trichloropropane	12.626	75	3881	46.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	3881	102.97	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.514	75	57	3.00	ug/l #	6

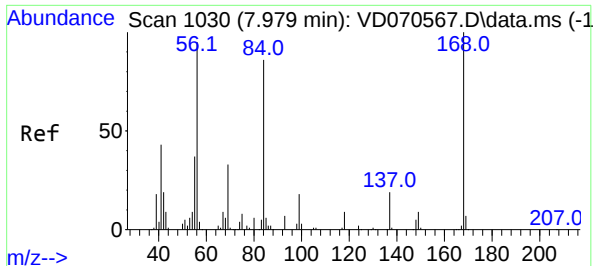
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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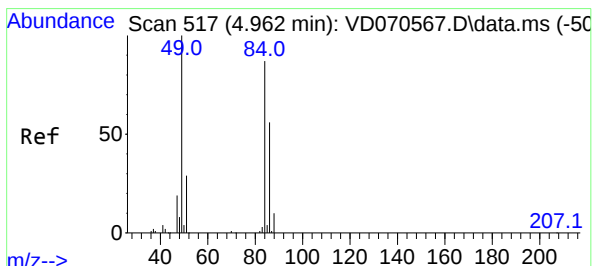
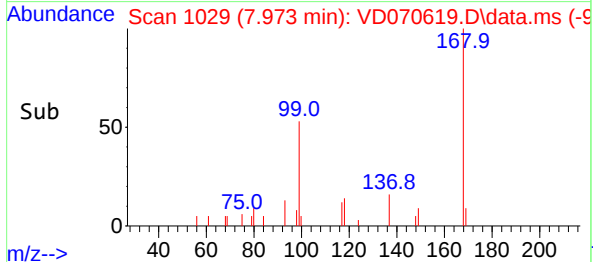
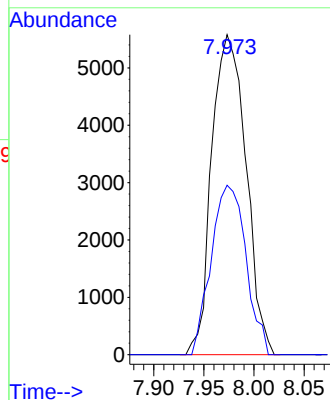
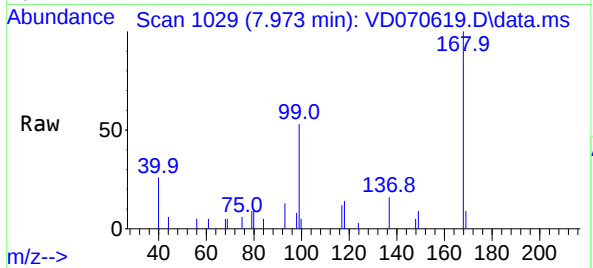




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

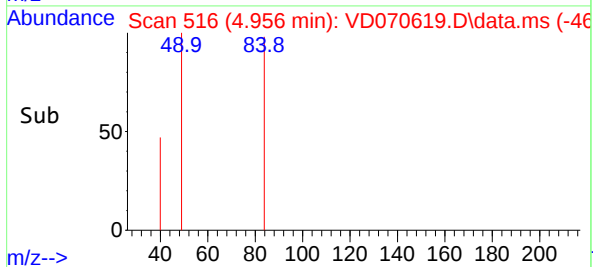
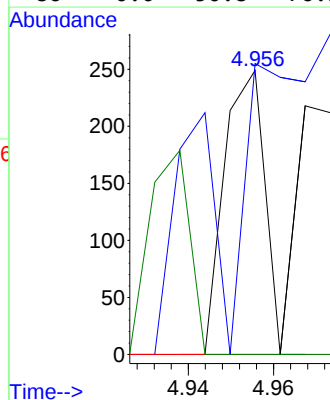
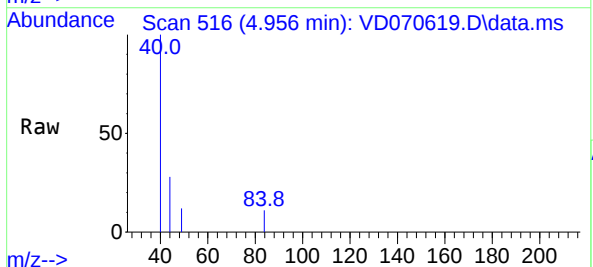
Instrument :
MSVOA_D
ClientSampleId :
TP-4

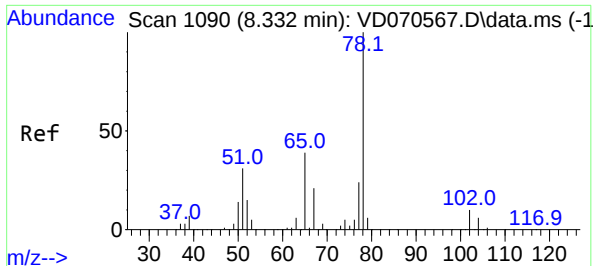
Tgt Ion:168 Resp: 13250
Ion Ratio Lower Upper
168 100
99 53.0 51.4 77.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

Tgt Ion: 84 Resp: 163
Ion Ratio Lower Upper
84 100
49 30.1 91.4 137.2#
51 0.0 26.7 40.1#
86 0.0 50.8 76.2#

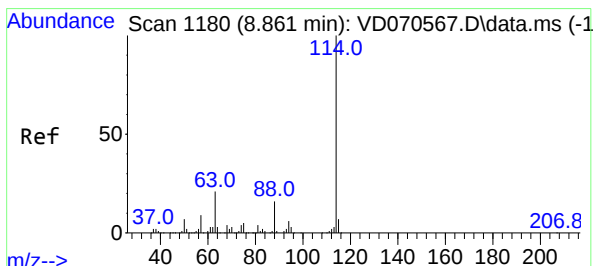
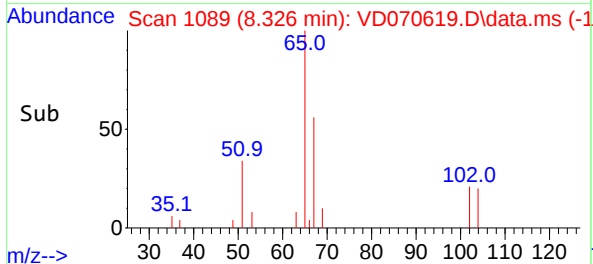
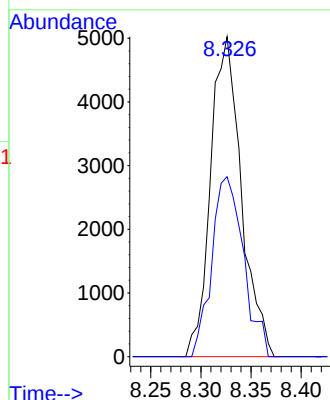
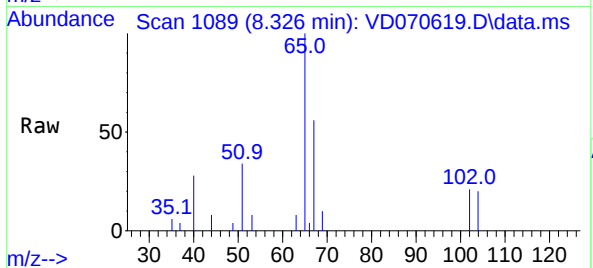




#33
1,2-Dichloroethane-d4
Concen: 68.64 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

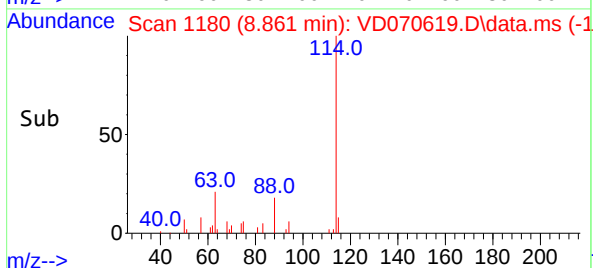
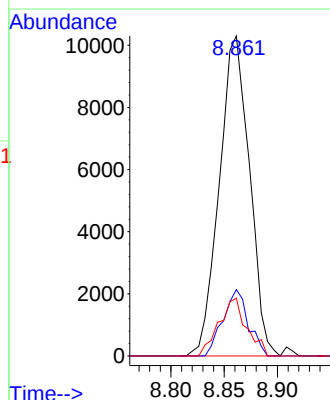
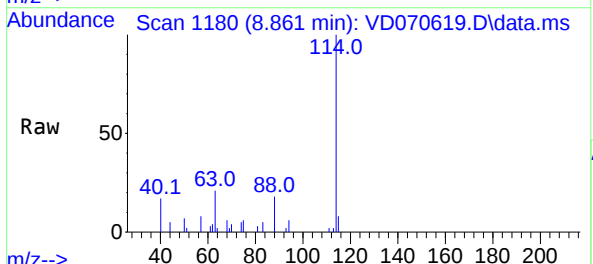
Instrument :
MSVOA_D
ClientSampled :
TP-4

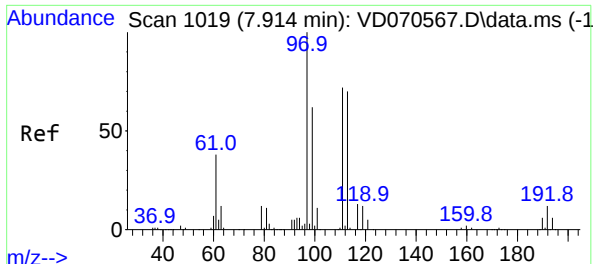
Tgt Ion: 65 Resp: 10704
Ion Ratio Lower Upper
65 100
67 57.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

Tgt Ion: 114 Resp: 20292
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.8
88 18.0 0.0 32.6



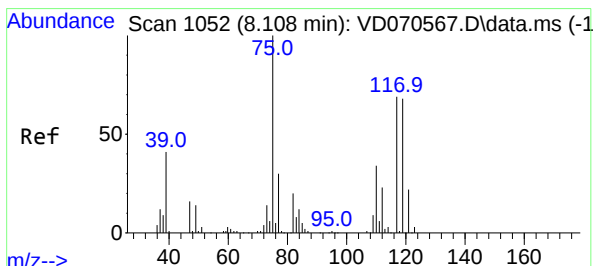
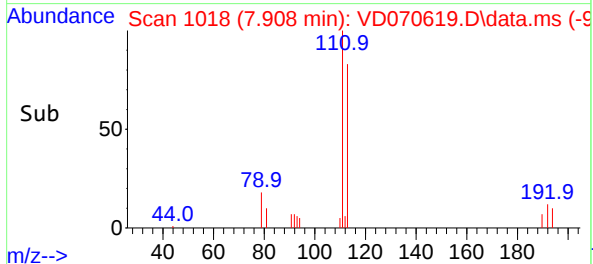
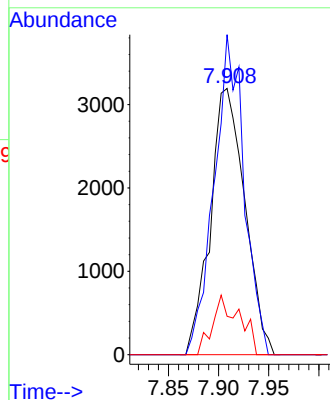
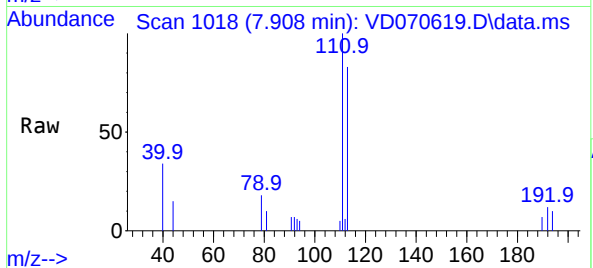


#35
Dibromofluoromethane
Concen: 56.75 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tgt Ion:113 Resp: 7656

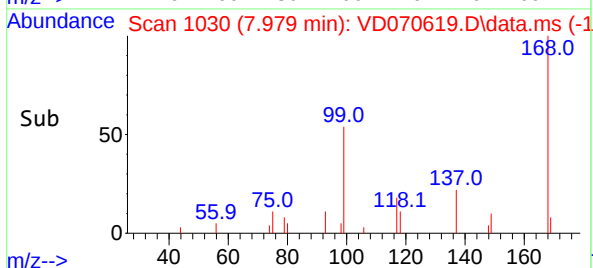
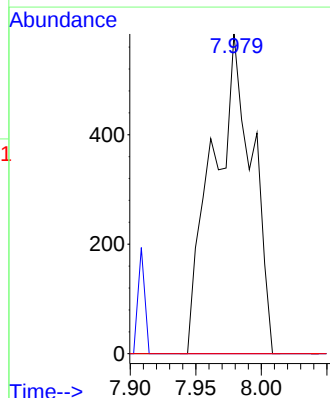
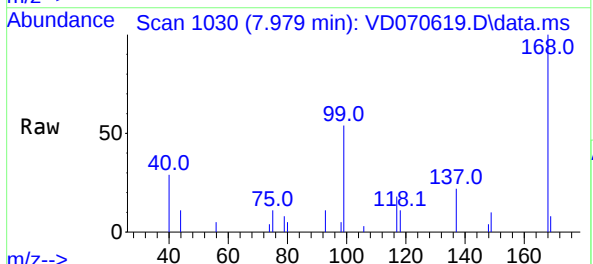
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.1	124.7
192	17.5	12.7	19.1

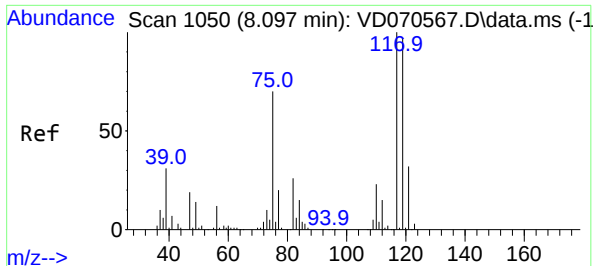


#36
1,1-Dichloropropene
Concen: 5.67 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

Tgt Ion: 75 Resp: 1221

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

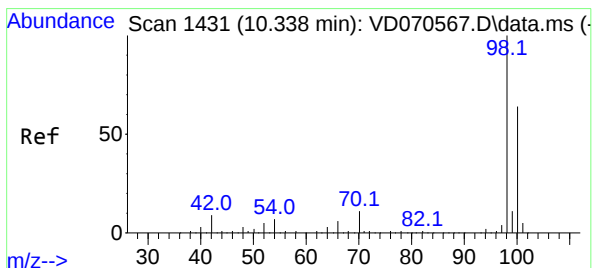
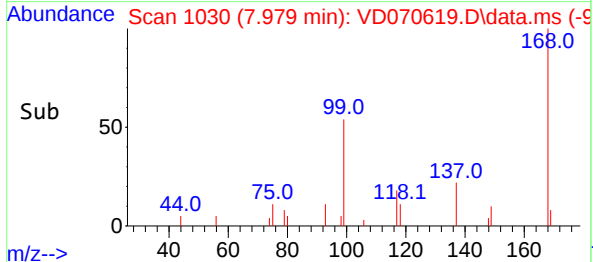
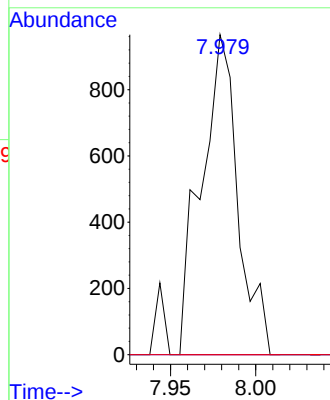
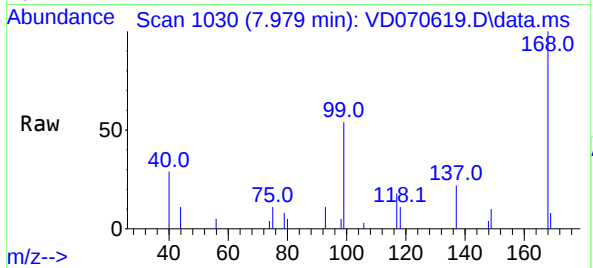




#38
Carbon Tetrachloride
Concen: 6.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

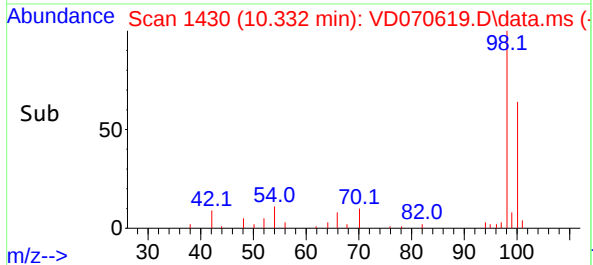
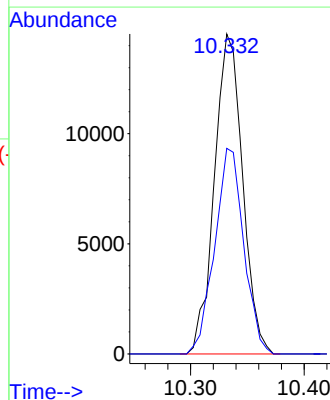
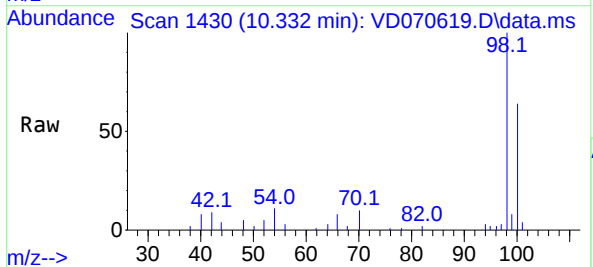
Instrument :
MSVOA_D
ClientSampled :
TP-4

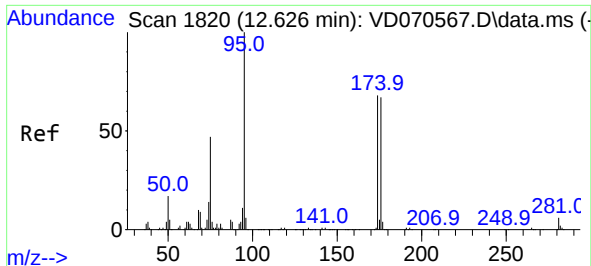
Tgt Ion:117 Resp: 1452
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 48.60 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

Tgt Ion: 98 Resp: 25066
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4

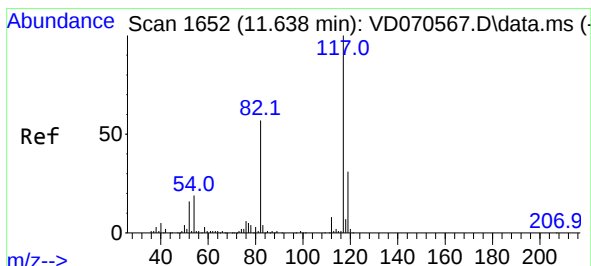
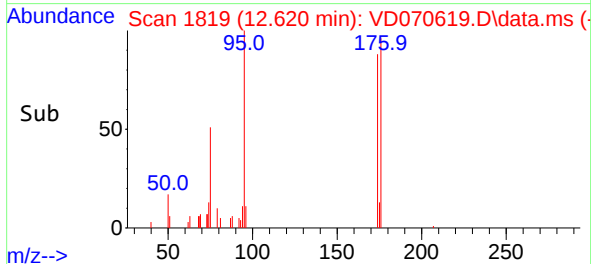
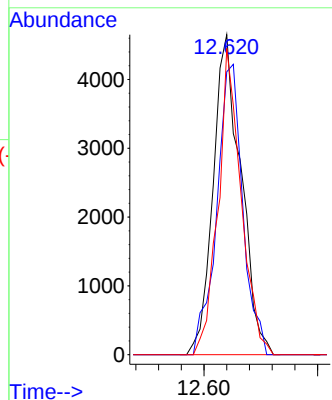
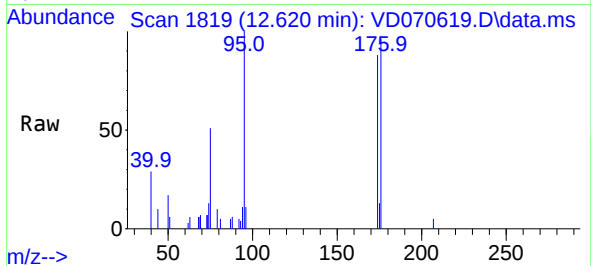




#62
4-Bromofluorobenzene
Concen: 45.66 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

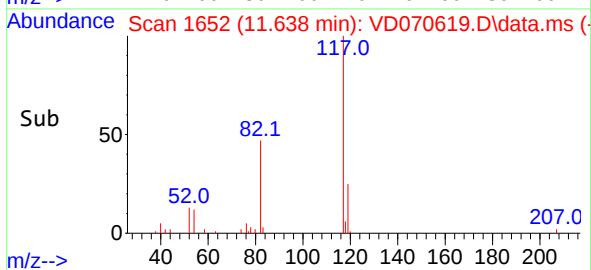
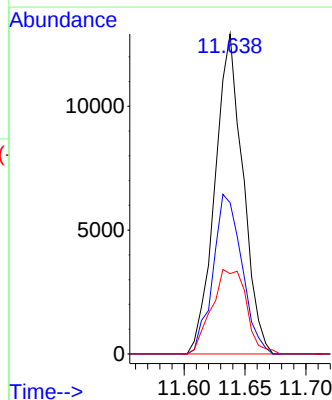
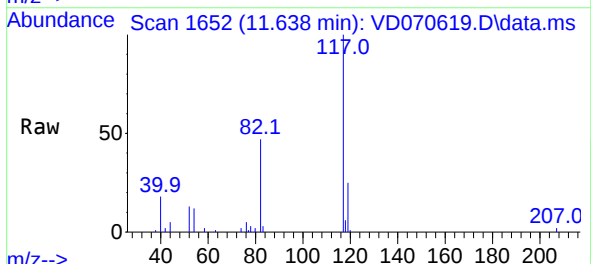
Instrument :
MSVOA_D
ClientSampled :
TP-4

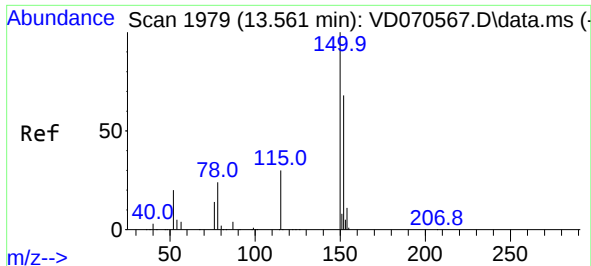
Tgt Ion:	95	Resp:	7870
Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	138.0
176	79.8	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

Tgt Ion:	117	Resp:	20658
Ion	Ratio	Lower	Upper
117	100		
82	47.2	45.4	68.2
119	25.1	24.7	37.1

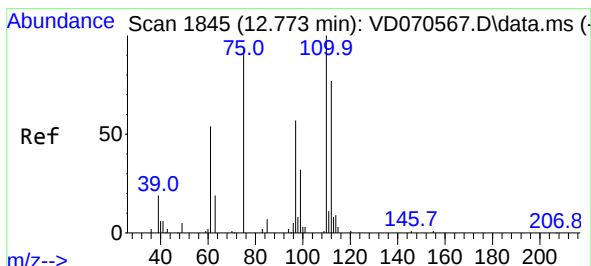
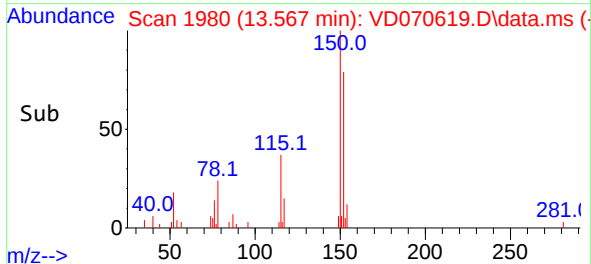
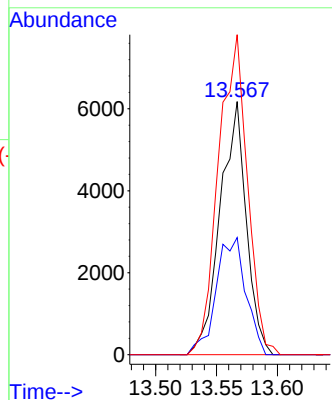
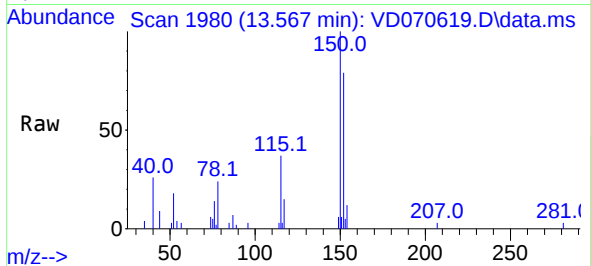




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

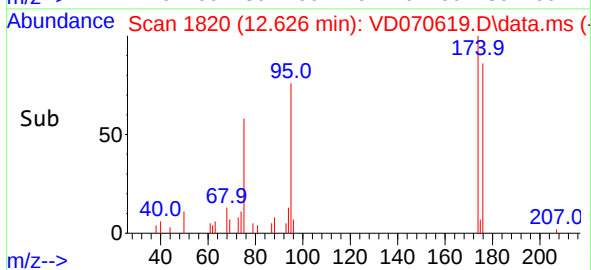
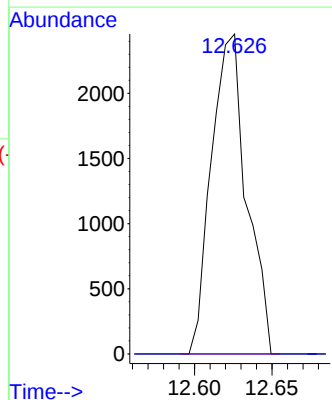
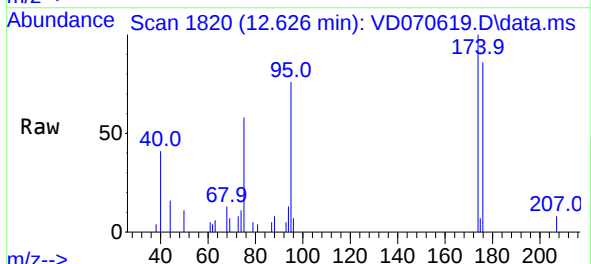
Instrument :
MSVOA_D
ClientSampled :
TP-4

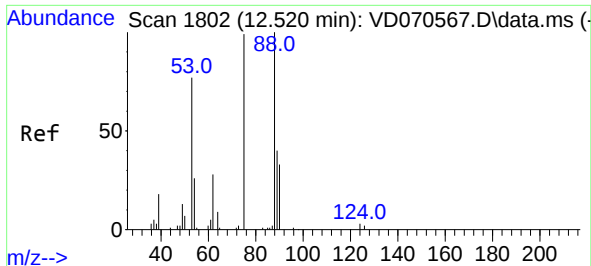
Tgt Ion:152 Resp: 9245
Ion Ratio Lower Upper
152 100
115 52.7 31.9 95.7
150 139.5 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 46.38 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

Tgt Ion: 75 Resp: 3881
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

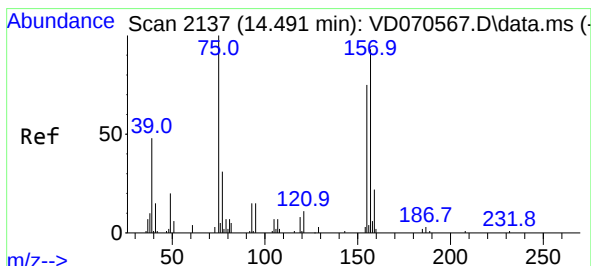
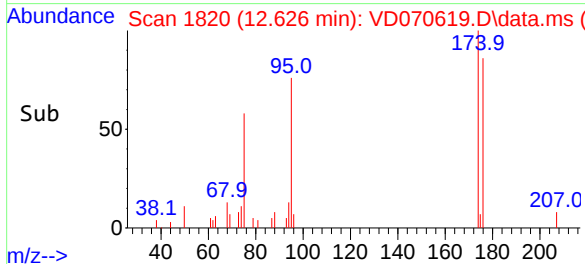
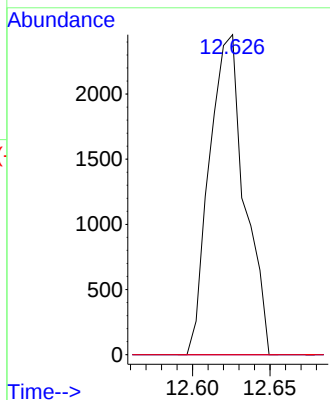
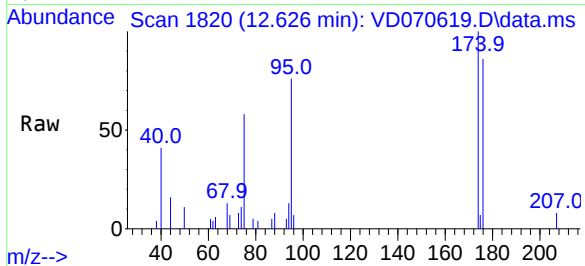




#81
trans-1,4-Dichloro-2-butene
Concen: 102.97 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 75 Resp: 3881
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: 3.00 ug/l
RT: 14.514 min Scan# 2141
Delta R.T. 0.023 min
Lab File: VD070619.D
Acq: 07 Oct 2021 16:15

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#

