

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070618.D
 Acq On : 07 Oct 2021 15:47
 Operator : VA/SY
 Sample : M4113-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Oct 08 04:52:50 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)

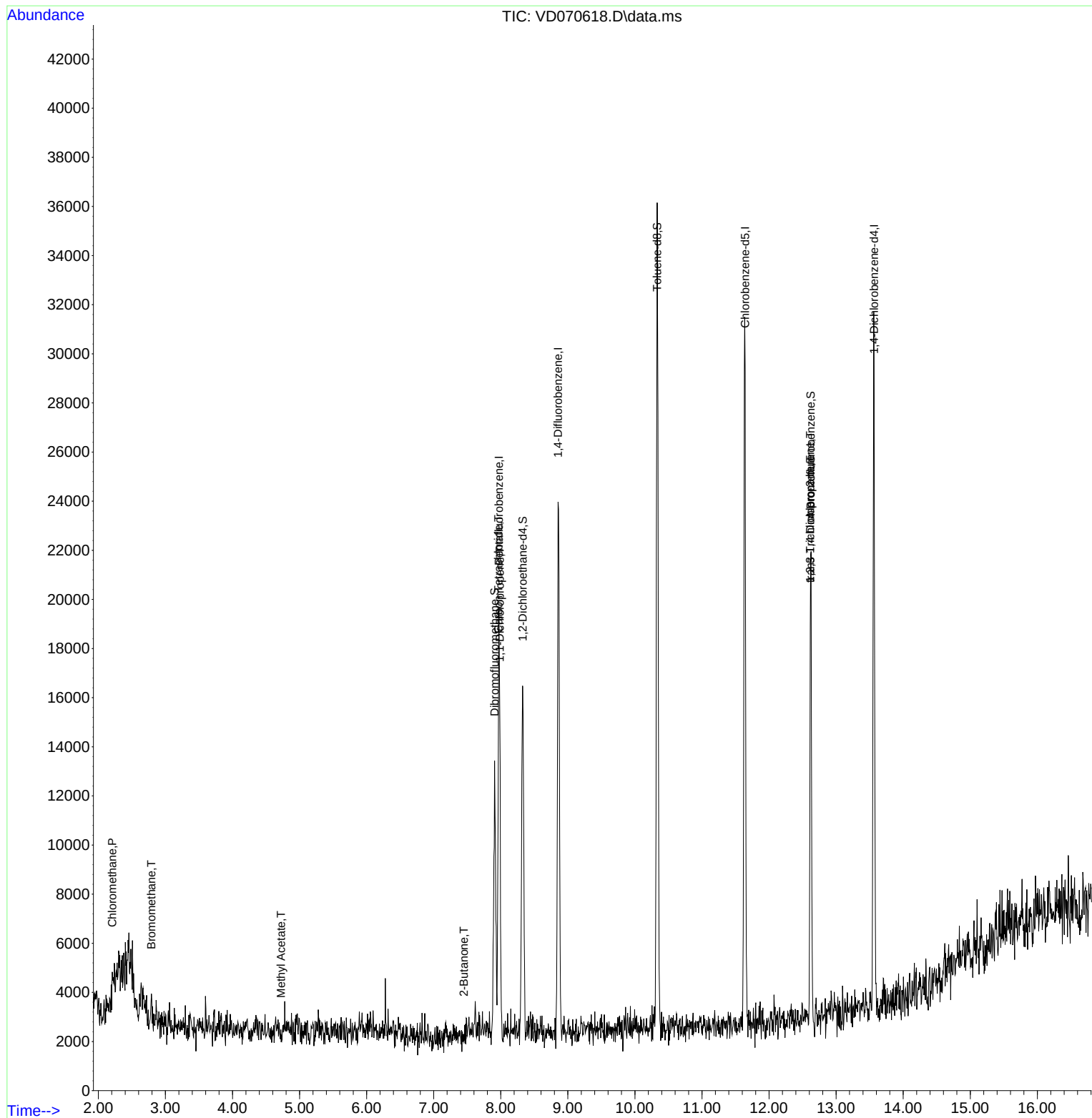
Internal Standards						
1) Pentafluorobenzene	7.973	168	11744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	19590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	19884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10880	78.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.44%			
35) Dibromofluoromethane	7.908	113	7545	57.93	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.86%			
50) Toluene-d8	10.332	98	24271	48.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.50%			
62) 4-Bromofluorobenzene	12.620	95	6902	41.47	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.94%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	233	1.31	ug/l #	42
5) Bromomethane	2.791	94	606	1.60	ug/l #	66
18) Methyl Acetate	4.726	43	104	1.15	ug/l #	47
20) Methylene Chloride	4.956	84	202	Below Cal	#	9
25) 2-Butanone	7.450	43	58	1.89	ug/l #	43
36) 1,1-Dichloropropene	7.985	75	879	4.22	ug/l #	42
38) Carbon Tetrachloride	7.967	117	746	3.43	ug/l #	12
76) 1,2,3-Trichloropropane	12.614	75	3715	50.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	3715	111.96	ug/l #	17

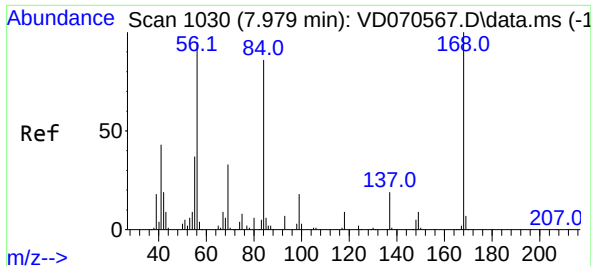
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

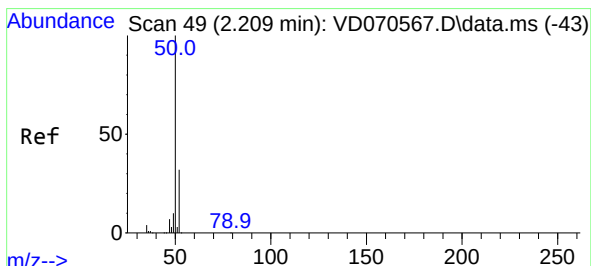
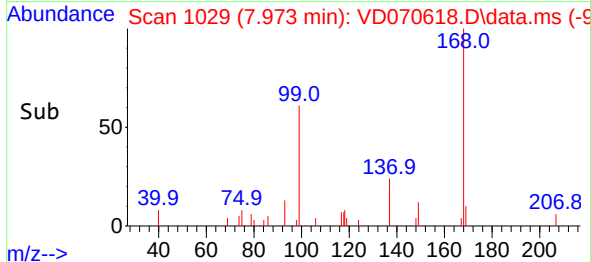
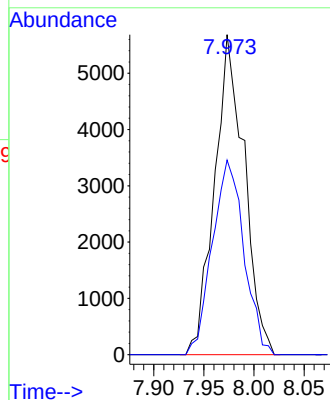
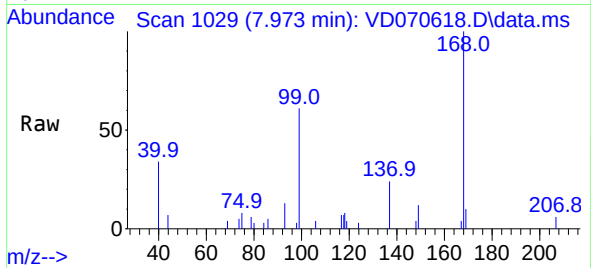




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

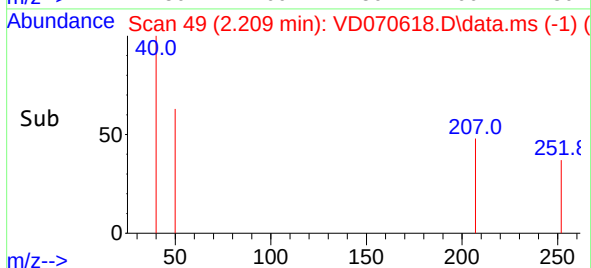
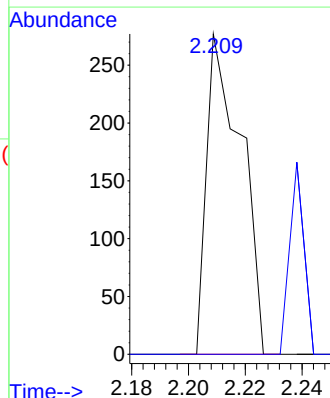
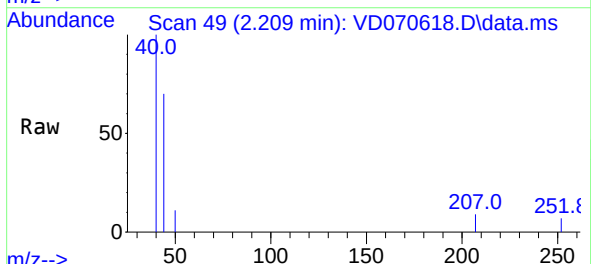
Instrument :
MSVOA_D
ClientSampleId :
TP-3

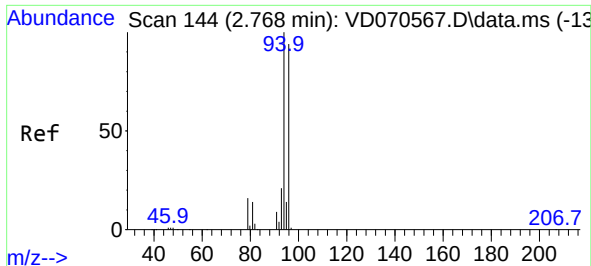
Tgt Ion:168 Resp: 11744
Ion Ratio Lower Upper
168 100
99 60.8 51.4 77.0



#3
Chloromethane
Concen: 1.31 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Tgt Ion: 50 Resp: 233
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

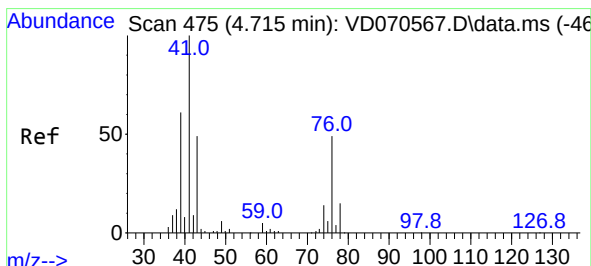
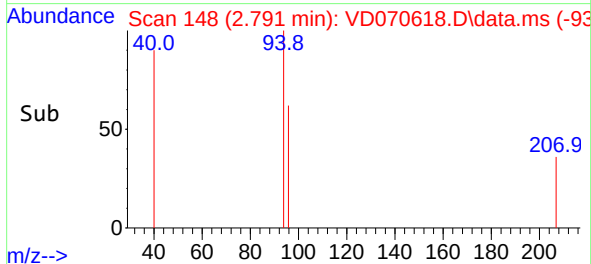
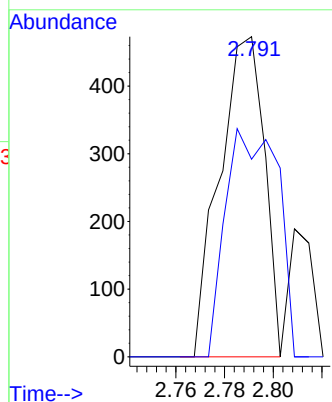
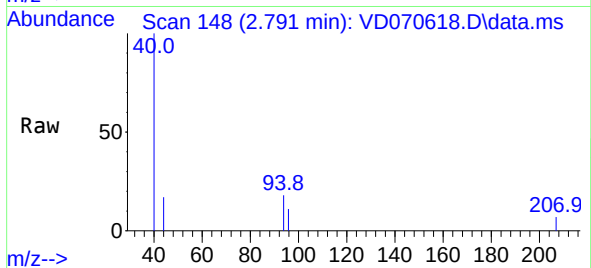




#5
Bromomethane
Concen: 1.60 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

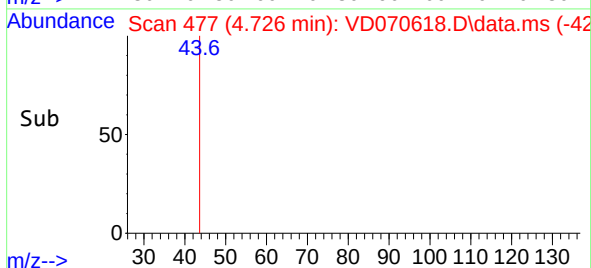
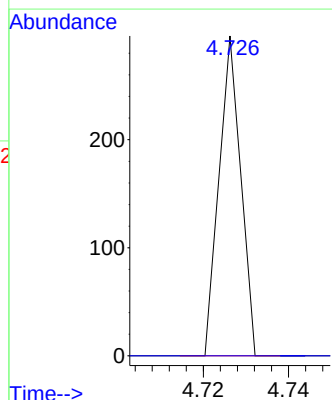
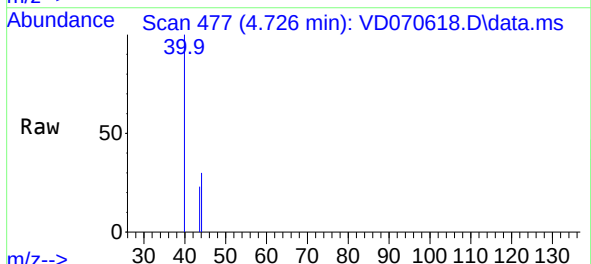
Instrument :
MSVOA_D
ClientSampleId :
TP-3

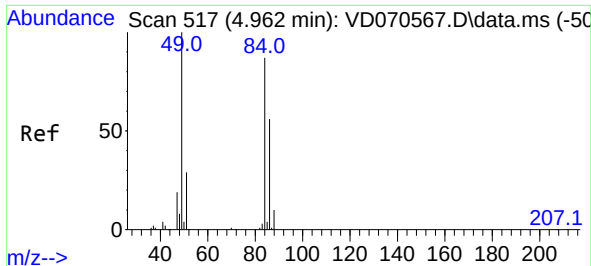
Tgt Ion: 94 Resp: 606
Ion Ratio Lower Upper
94 100
96 61.7 75.5 113.3#



#18
Methyl Acetate
Concen: 1.15 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

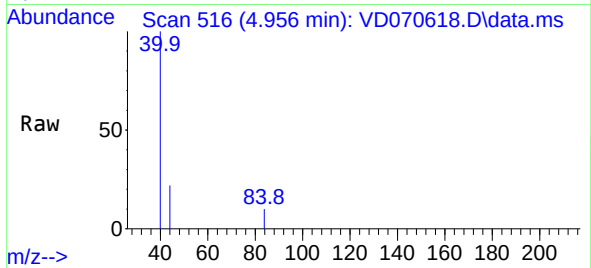
Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
74 0.0 22.6 33.8#



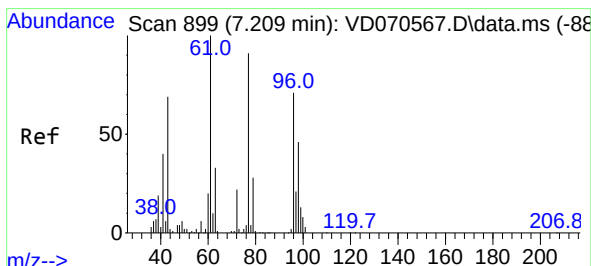
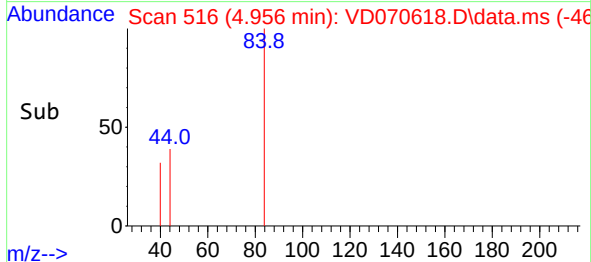
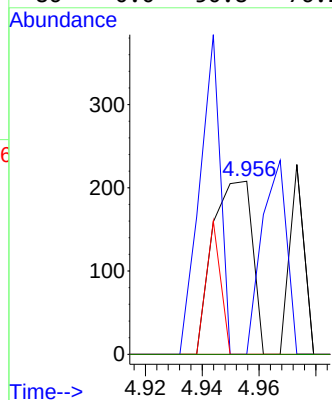


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampled :
TP-3

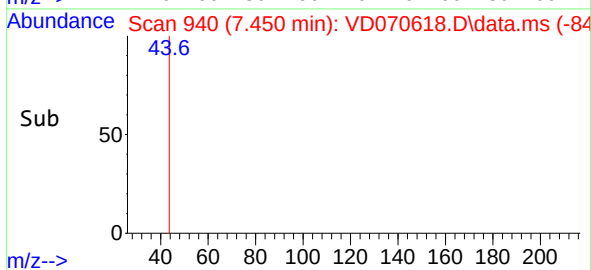
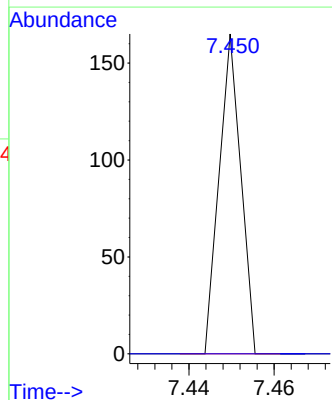
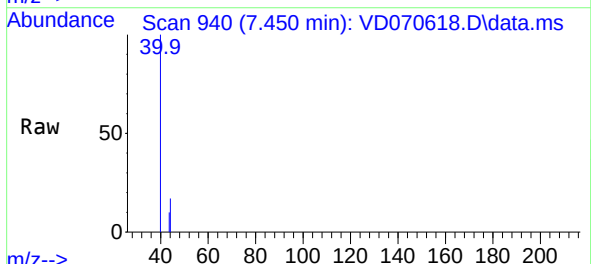


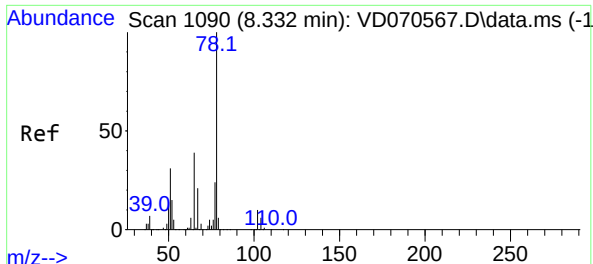
Tgt Ion: 84 Resp: 202
Ion Ratio Lower Upper
84 100
49 0.0 91.4 137.2#
51 0.0 26.7 40.1#
86 0.0 50.8 76.2#



#25
2-Butanone
Concen: 1.89 ug/l
RT: 7.450 min Scan# 940
Delta R.T. 0.241 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
72 0.0 25.2 37.8#

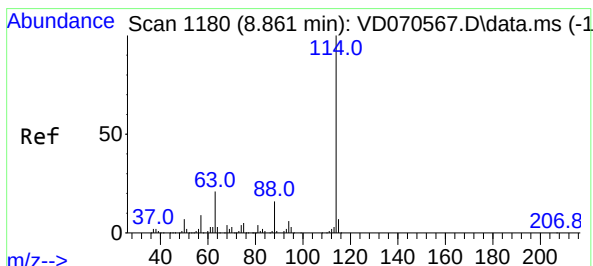
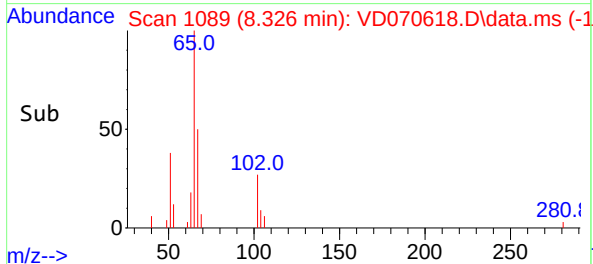
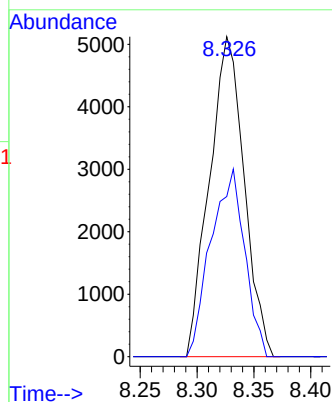
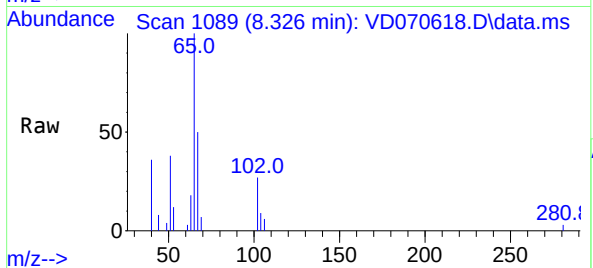




#33
1,2-Dichloroethane-d4
Concen: 78.72 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

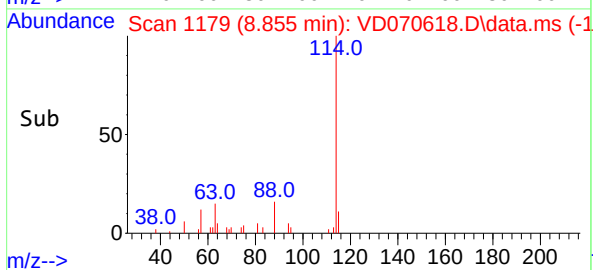
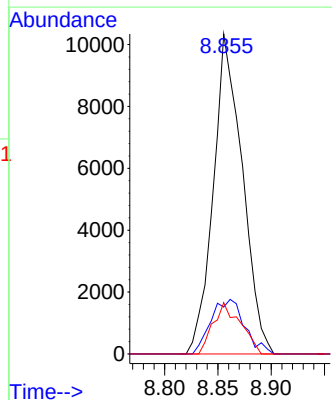
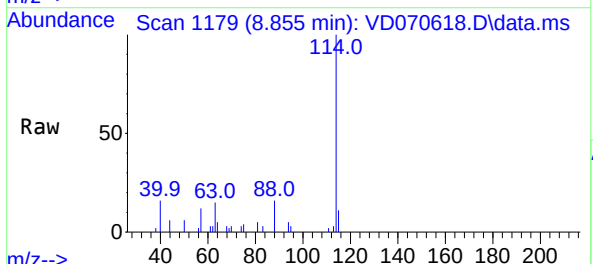
Instrument :
MSVOA_D
ClientSampleId :
TP-3

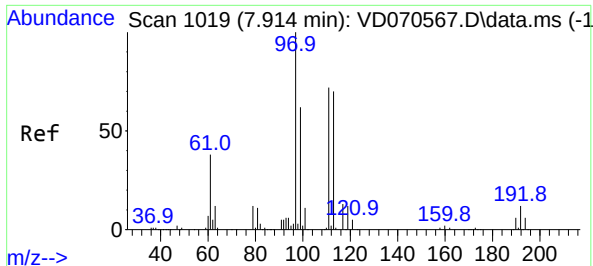
Tgt Ion: 65 Resp: 10880
Ion Ratio Lower Upper
65 100
67 57.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Tgt Ion: 114 Resp: 19590
Ion Ratio Lower Upper
114 100
63 14.6 0.0 41.8
88 16.0 0.0 32.6



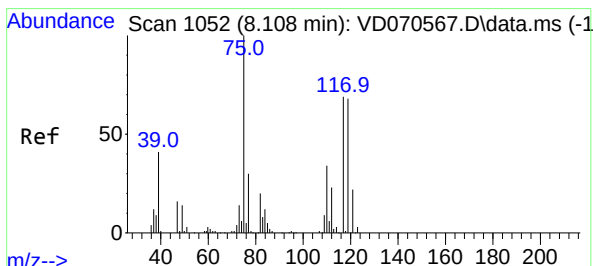
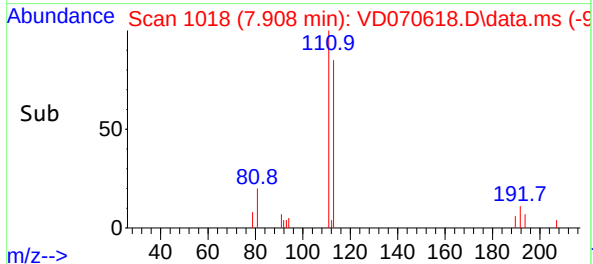
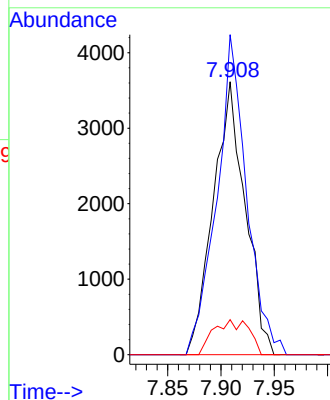
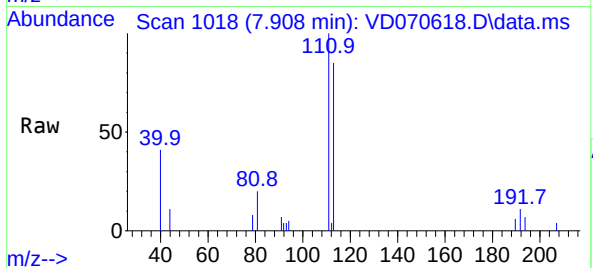


#35

Dibromofluoromethane
Concen: 57.93 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampleId :
TP-3

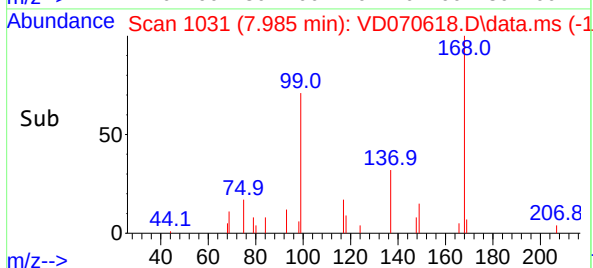
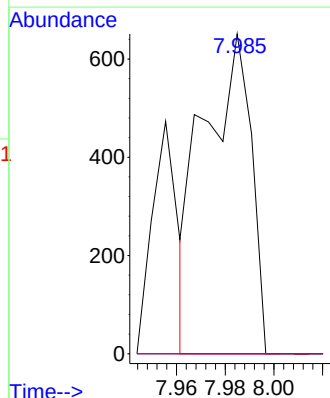
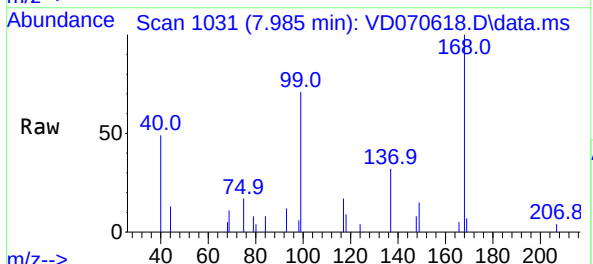
Tgt Ion:	113	Resp:	7545
Ion	Ratio	Lower	Upper
113	100		
111	109.6	83.1	124.7
192	14.1	12.7	19.1

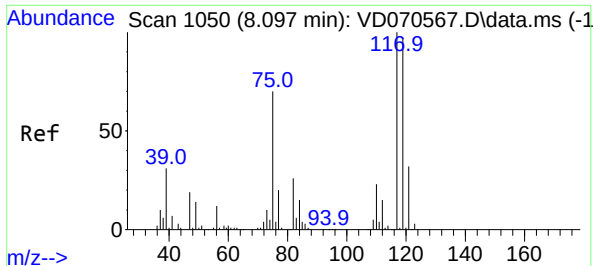


#36

1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.124 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

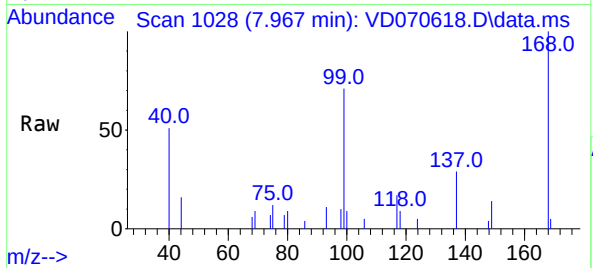
Tgt Ion:	75	Resp:	879
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.2	51.6#
77	0.0	24.2	36.4#



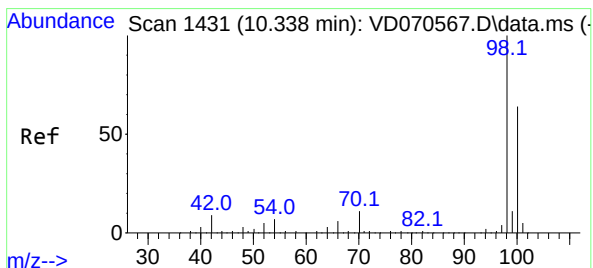
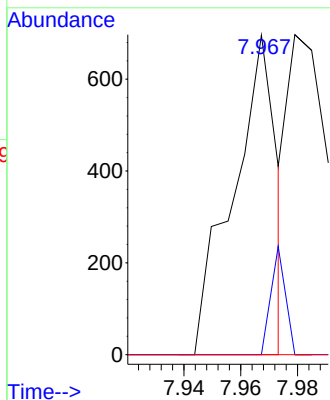
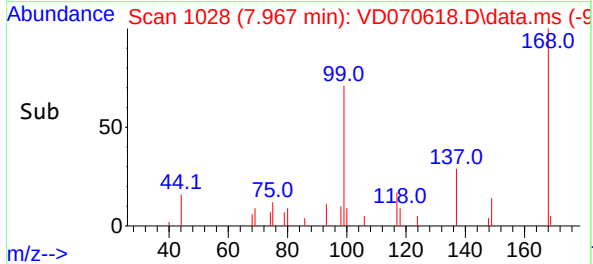


#38
Carbon Tetrachloride
Concen: 3.43 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.129 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

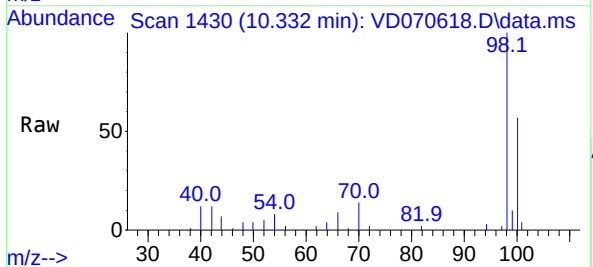
Instrument :
MSVOA_D
ClientSampled :
TP-3



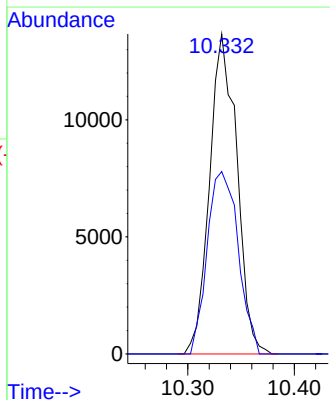
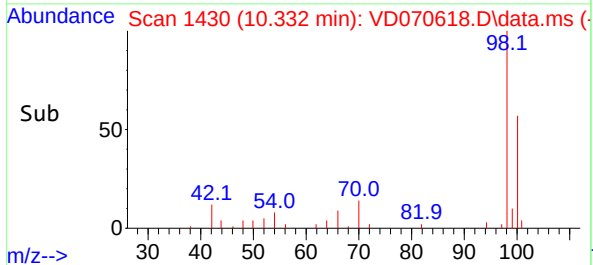
Tgt Ion:117 Resp: 746
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#

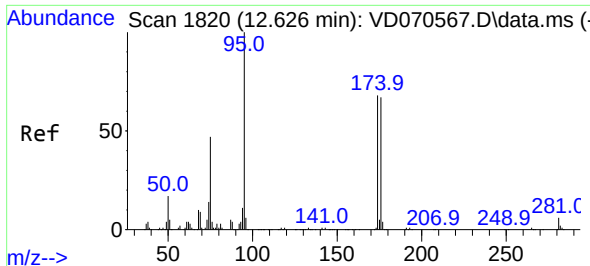


#50
Toluene-d8
Concen: 48.75 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47



Tgt Ion: 98 Resp: 24271
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

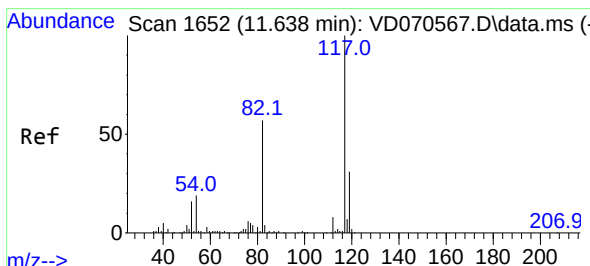
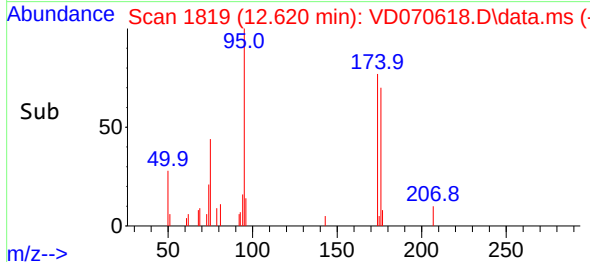
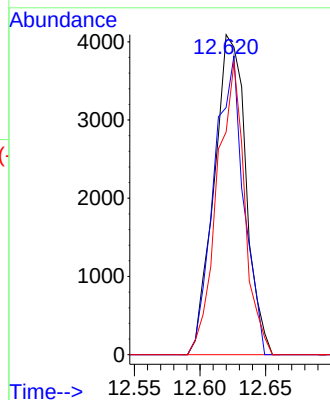
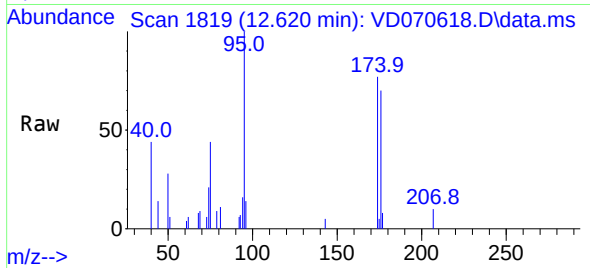




#62
4-Bromofluorobenzene
Concen: 41.47 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

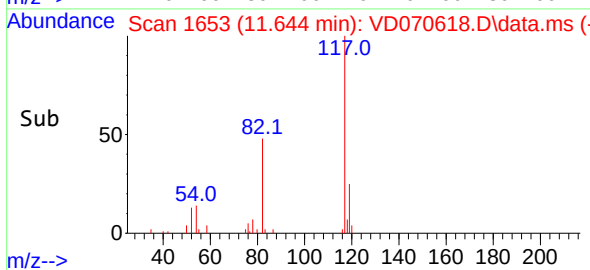
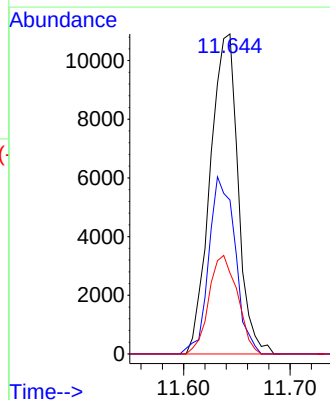
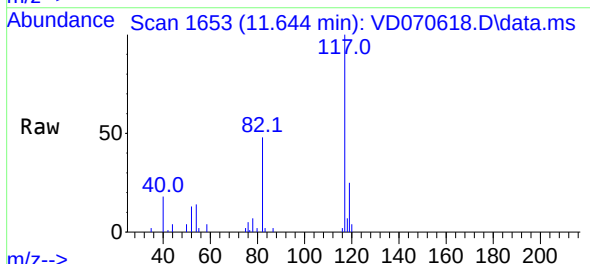
Instrument :
MSVOA_D
ClientSampled :
TP-3

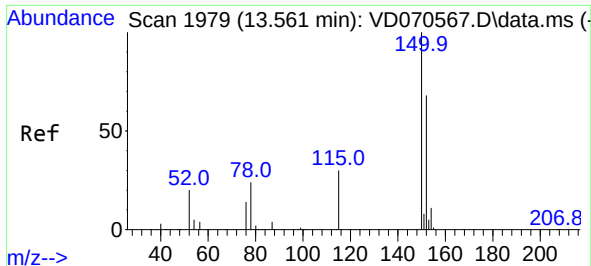
Tgt Ion:	95	Resp:	6902
Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	138.0
176	79.0	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Tgt Ion:	117	Resp:	19884
Ion	Ratio	Lower	Upper
117	100		
82	48.1	45.4	68.2
119	25.3	24.7	37.1

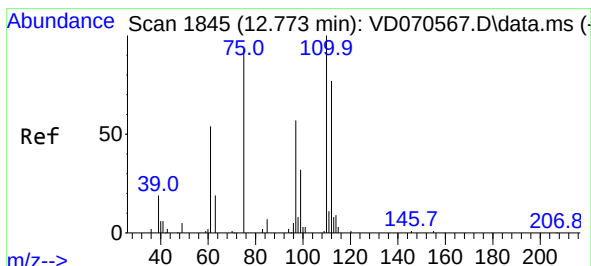
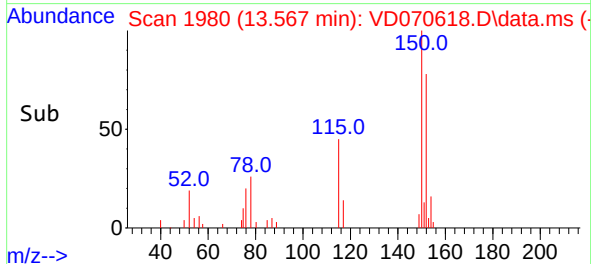
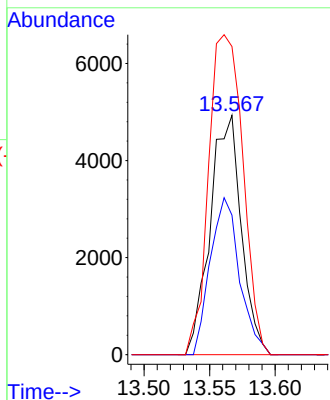
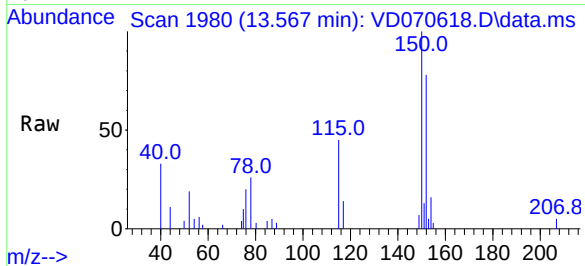




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

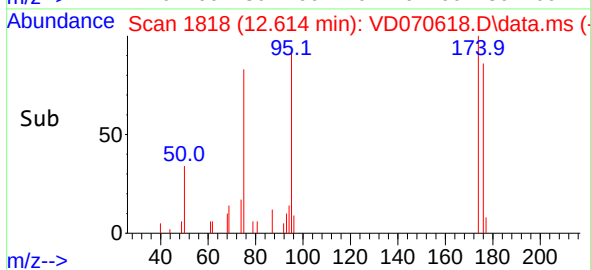
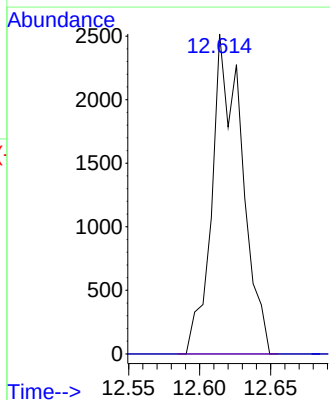
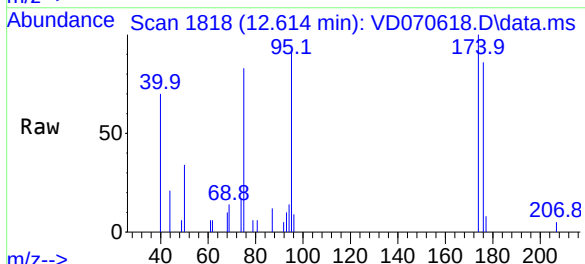
Instrument :
MSVOA_D
ClientSampleId :
TP-3

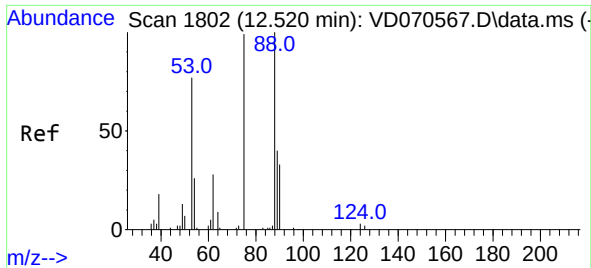
Tgt Ion:152 Resp: 8139
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.7
150 147.7 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 50.43 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.159 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

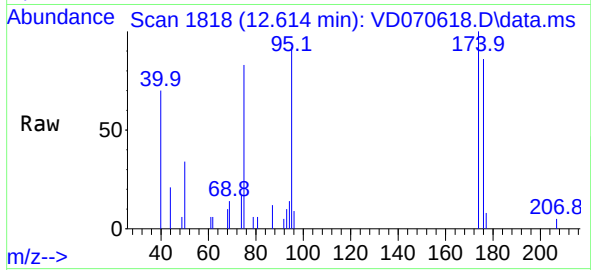
Tgt Ion: 75 Resp: 3715
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 111.96 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.094 min
Lab File: VD070618.D
Acq: 07 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampleId :
TP-3



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

