

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071955.D
 Acq On : 14 Feb 2022 14:22
 Operator : VA/SY
 Sample : N1521-03
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-B

Quant Time: Feb 15 00:35:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

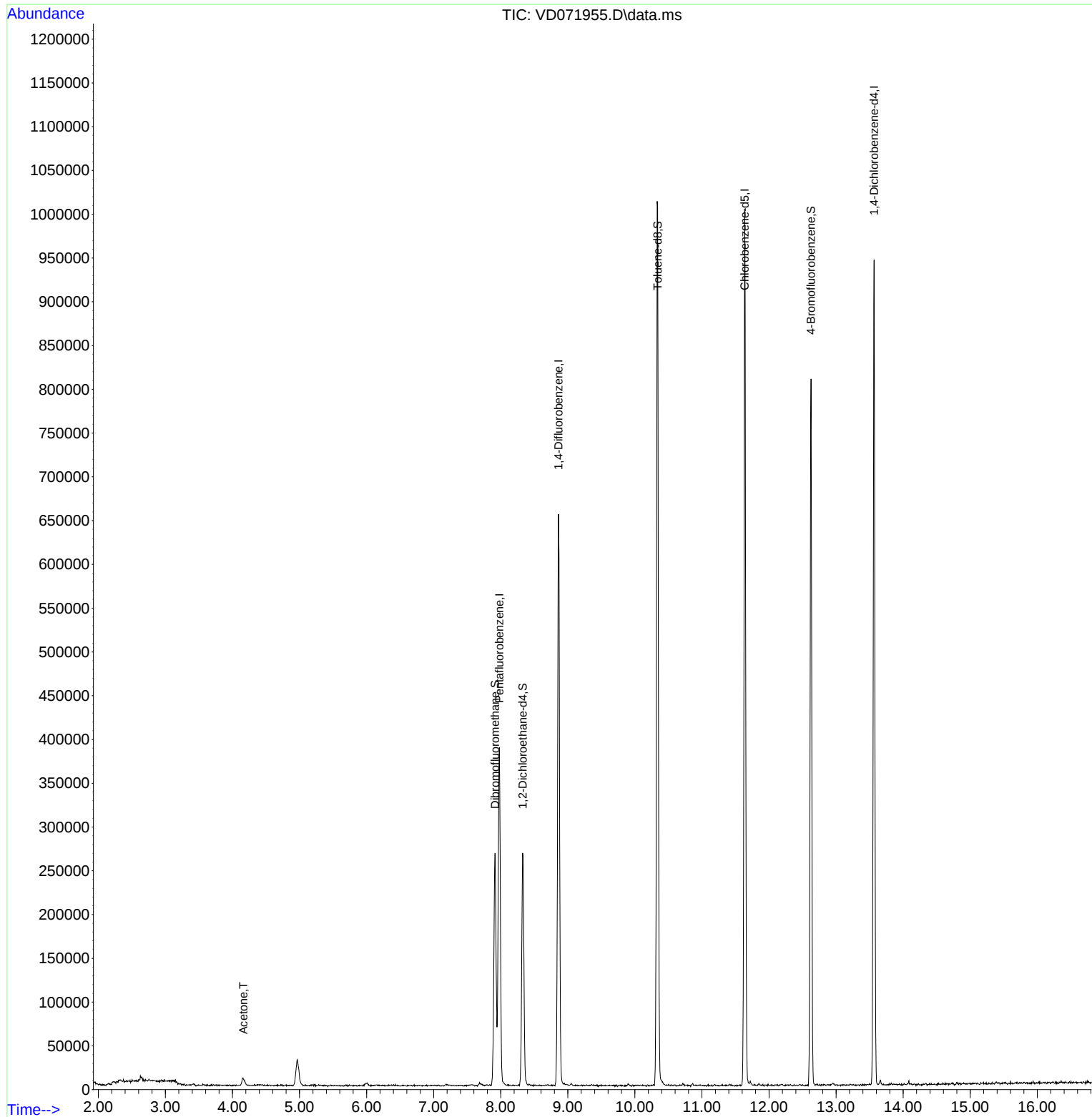
Internal Standards						
1) Pentafluorobenzene	7.979	168	265737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	517918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	525038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	229642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214526	63.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.740%	
35) Dibromofluoromethane	7.914	113	185112	54.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.740%	
50) Toluene-d8	10.338	98	663710	52.201	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.626	95	231751	52.196	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.400%	
Target Compounds						Qvalue
16) Acetone	4.162	43	14715	16.004	ug/l	# 88

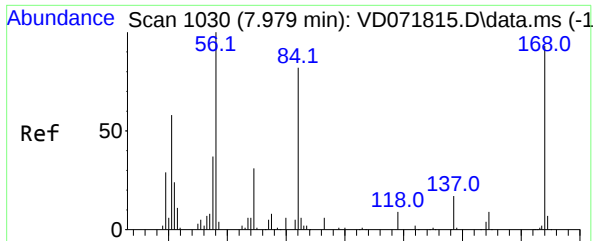
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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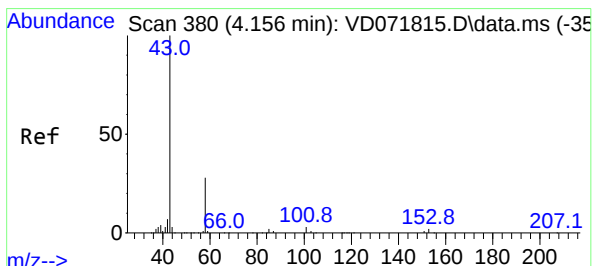
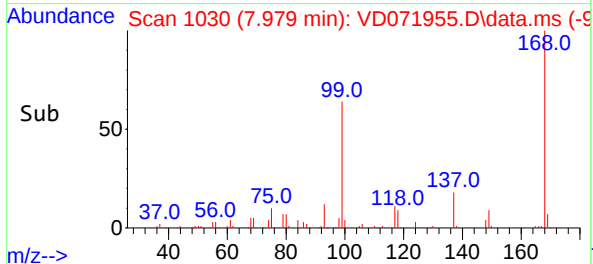
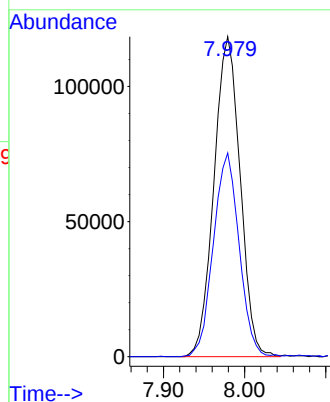
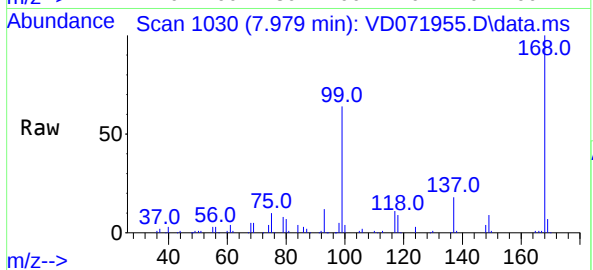




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

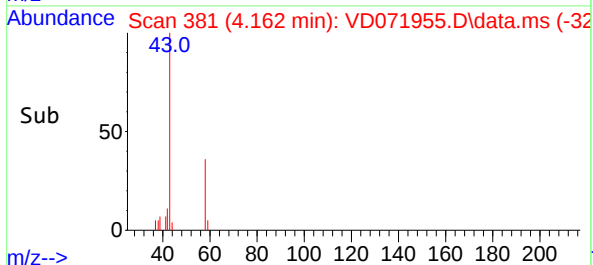
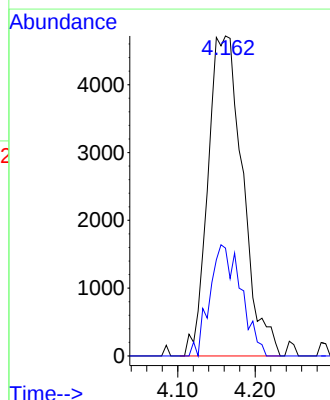
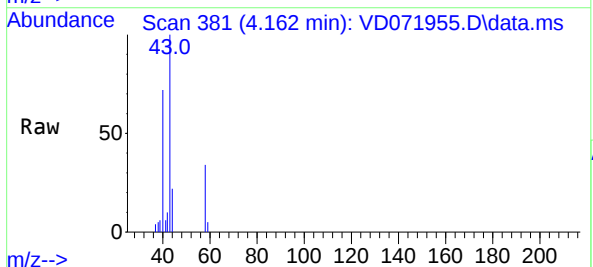
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

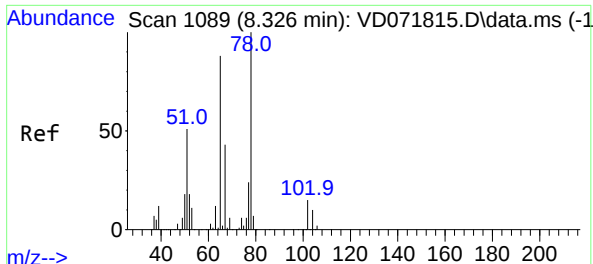
Tgt Ion:168 Resp: 265737
Ion Ratio Lower Upper
168 100
99 63.7 49.8 74.6



#16
Acetone
Concen: 16.004 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 43 Resp: 14715
Ion Ratio Lower Upper
43 100
58 33.7 22.1 33.1#

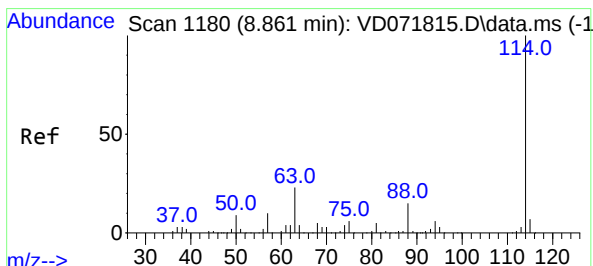
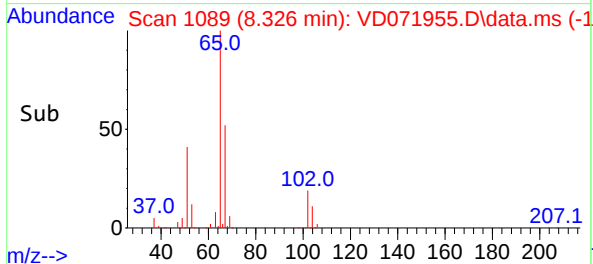
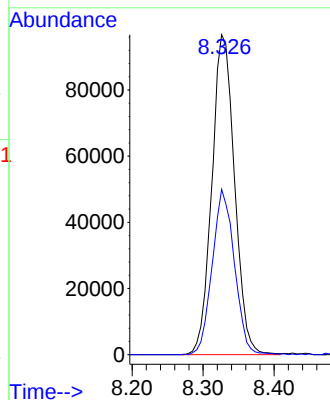
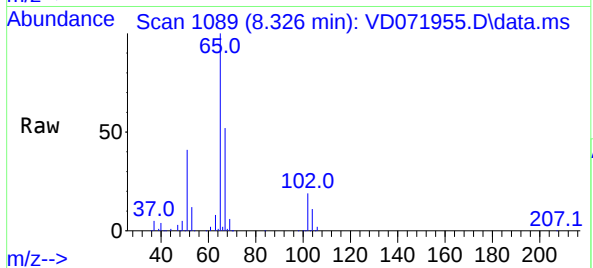




#33
1,2-Dichloroethane-d4
Concen: 63.870 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

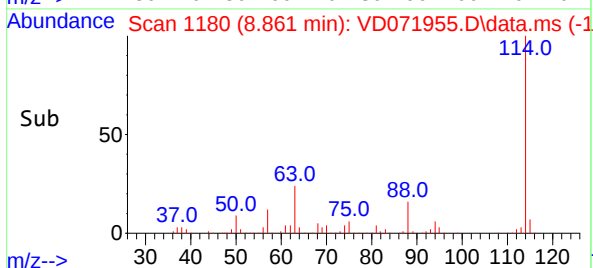
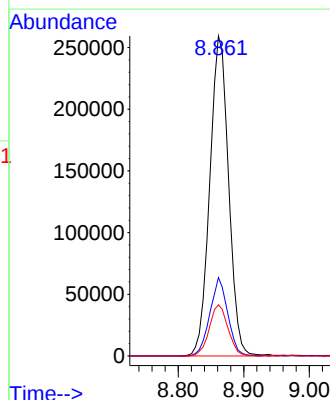
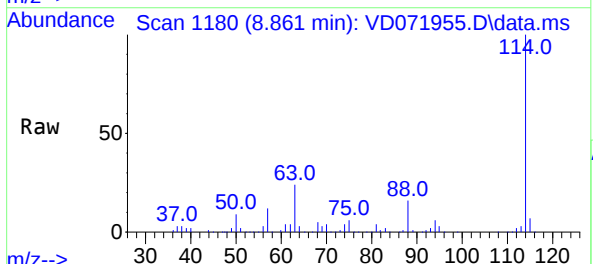
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

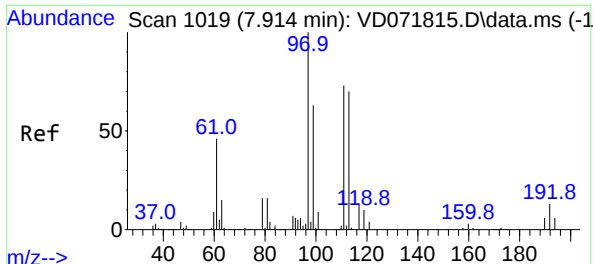
Tgt Ion: 65 Resp: 214526
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 114 Resp: 517918
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.6
88 16.0 0.0 33.2

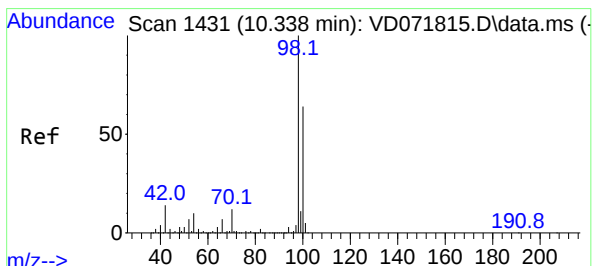
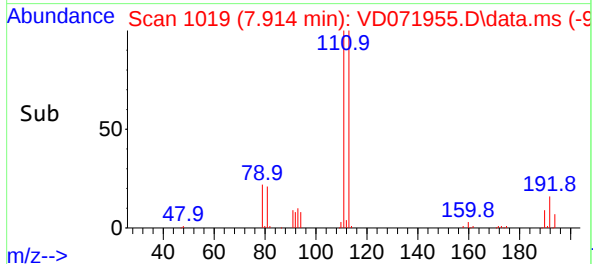
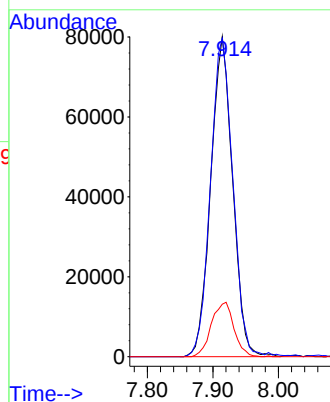
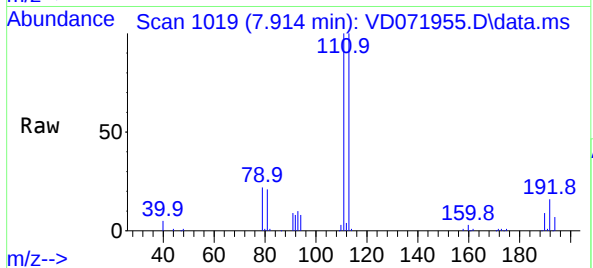




#35
Dibromofluoromethane
Concen: 54.374 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

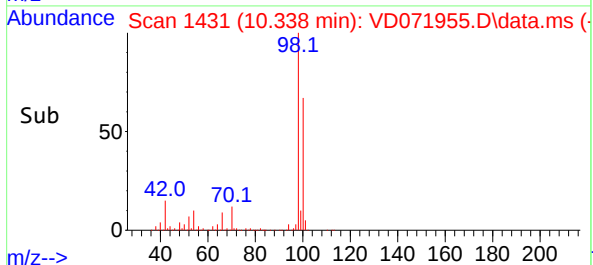
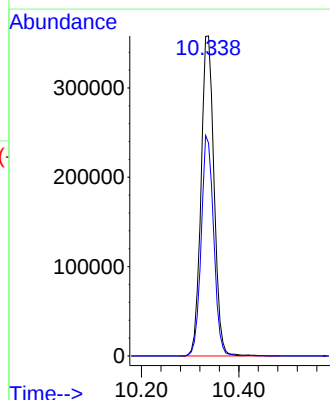
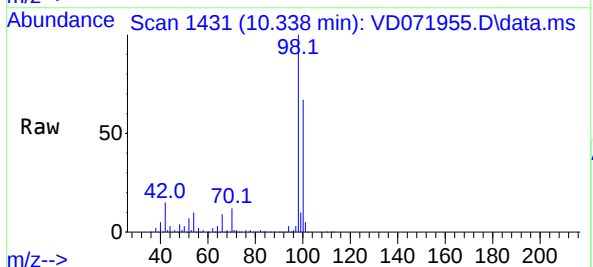
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

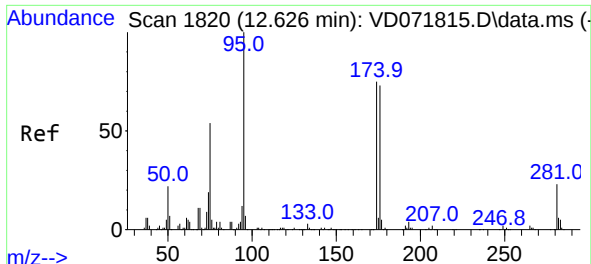
Tgt Ion:113 Resp: 185112
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 17.5 14.6 21.8



#50
Toluene-d8
Concen: 52.201 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

Tgt Ion: 98 Resp: 663710
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

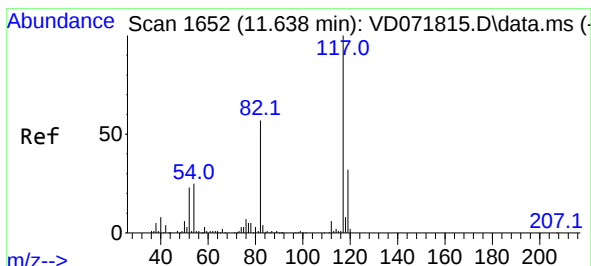
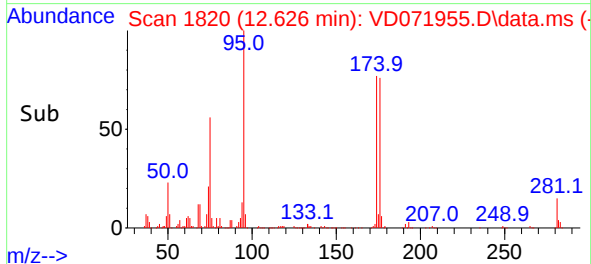
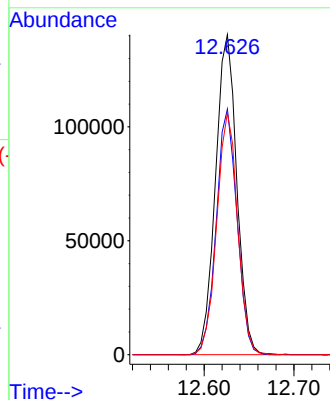
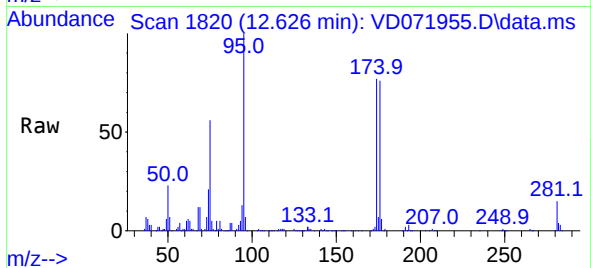




#62
4-Bromofluorobenzene
Concen: 52.196 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

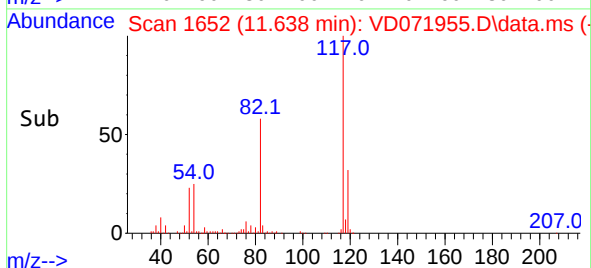
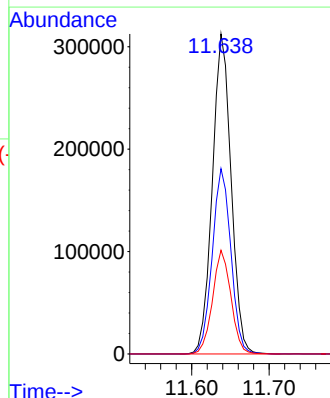
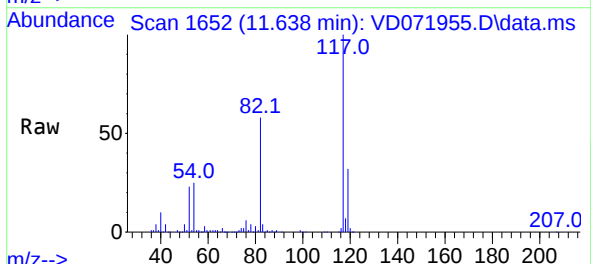
Instrument :
MSVOA_D
ClientSampleId :
TP1-B

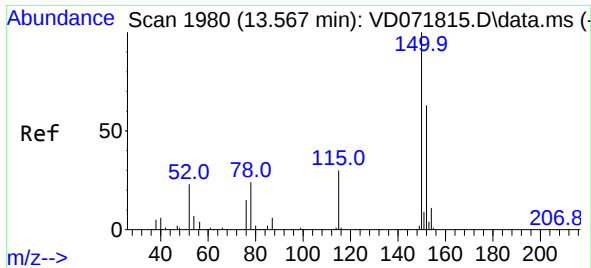
Tgt Ion: 95 Resp: 231751
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071955.D
Acq: 14 Feb 2022 14:22

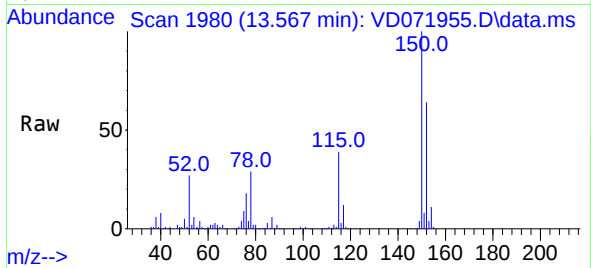
Tgt Ion: 117 Resp: 525038
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 32.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071955.D
 Acq: 14 Feb 2022 14:22

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-B



Tgt Ion:152 Resp: 229642

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.3	93.8
150	158.9	0.0	348.6

