

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040822\
 Data File : VD072557.D
 Acq On : 08 Apr 2022 13:32
 Operator : VA/SY
 Sample : N2317-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WEST-2

Quant Time: Apr 09 00:35:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

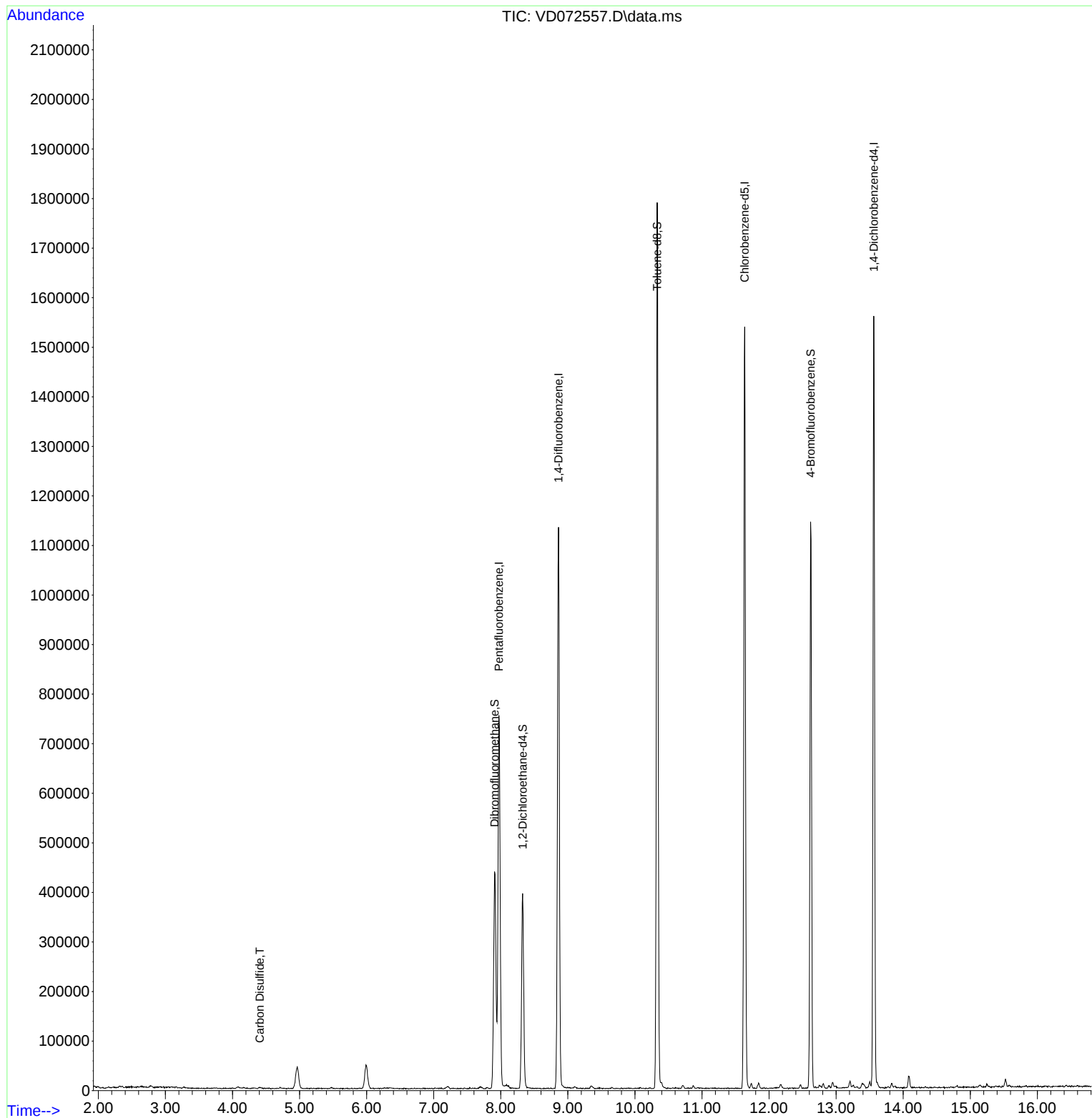
Internal Standards						
1) Pentafluorobenzene	7.973	168	547343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	993403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	913700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	408449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	306765	46.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.660%
35) Dibromofluoromethane	7.908	113	323152	41.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.720%
50) Toluene-d8	10.332	98	1181707	44.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.060%
62) 4-Bromofluorobenzene	12.620	95	401161	38.277	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.560%
Target Compounds						
17) Carbon Disulfide	4.409	76	3929	3.968	ug/l	98

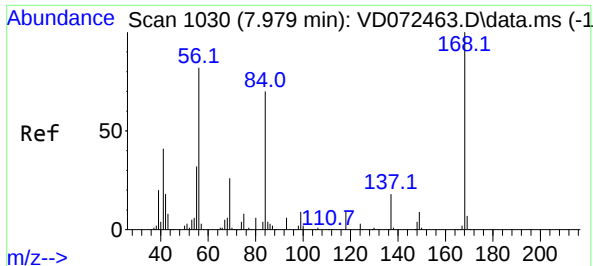
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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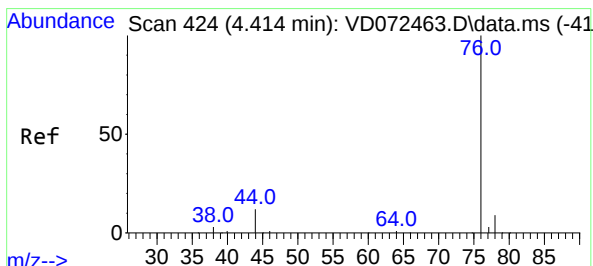
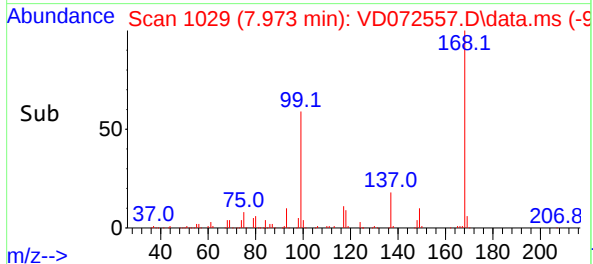
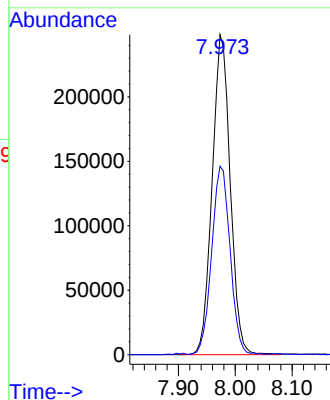
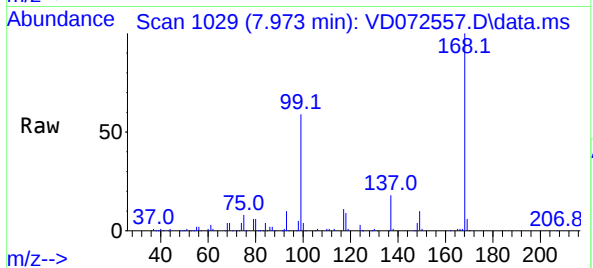




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072557.D
Acq: 08 Apr 2022 13:32

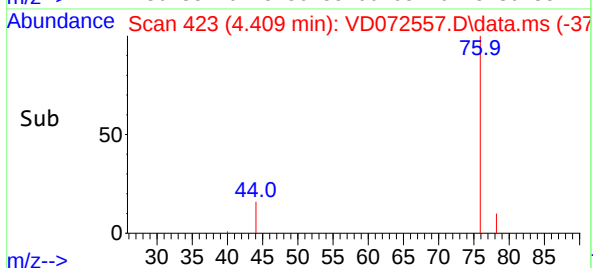
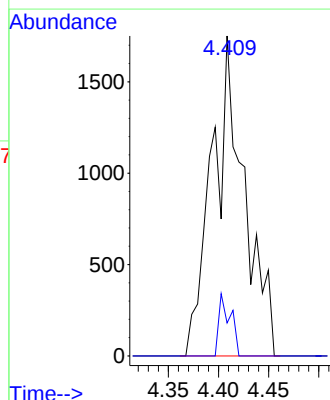
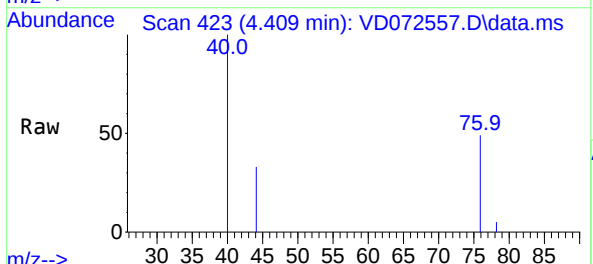
Instrument :
MSVOA_D
ClientSampleId :
WEST-2

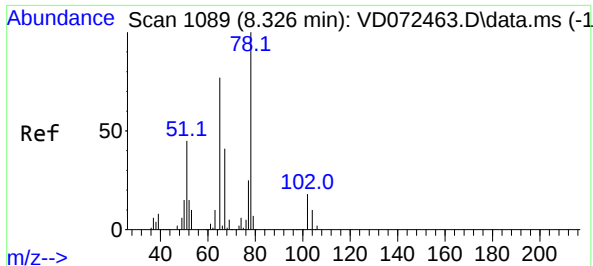
Tgt Ion:168 Resp: 547343
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#17
Carbon Disulfide
Concen: 3.968 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD072557.D
Acq: 08 Apr 2022 13:32

Tgt Ion: 76 Resp: 3929
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3





#33

1,2-Dichloroethane-d4

Concen: 46.331 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072557.D

Acq: 08 Apr 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

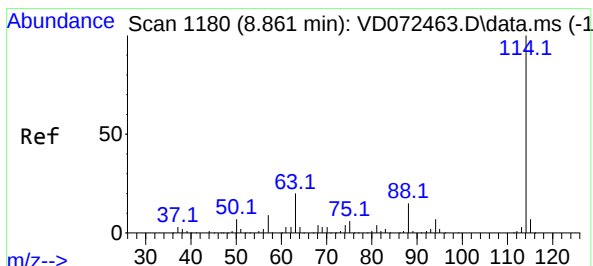
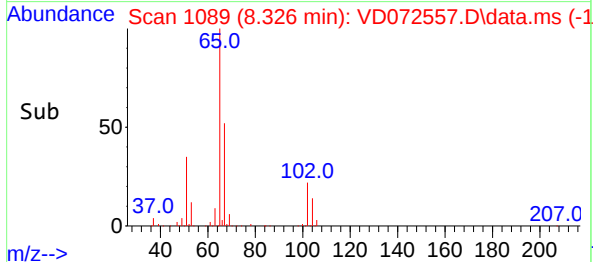
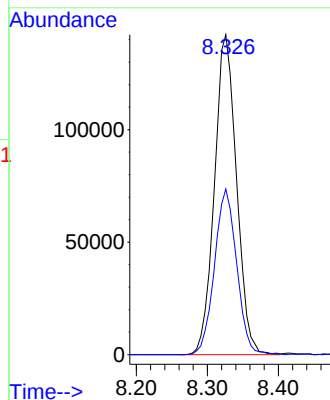
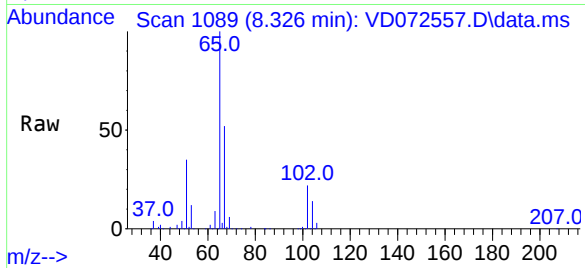
WEST-2

Tgt Ion: 65 Resp: 306765

Ion Ratio Lower Upper

65 100

67 52.0 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: VD072557.D

Acq: 08 Apr 2022 13:32

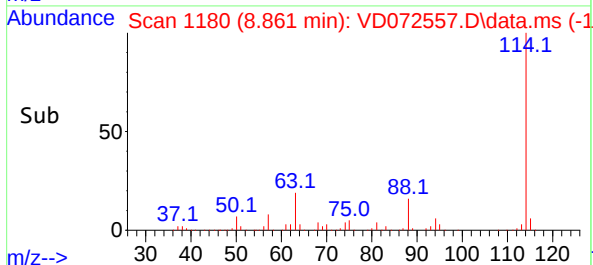
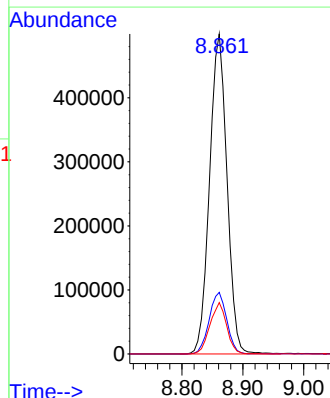
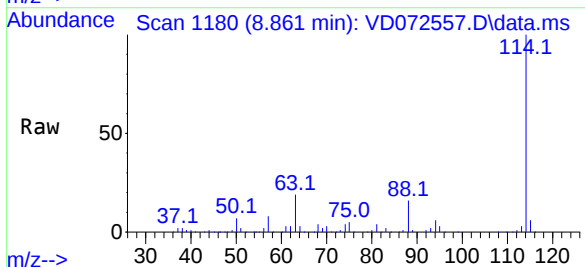
Tgt Ion: 114 Resp: 993403

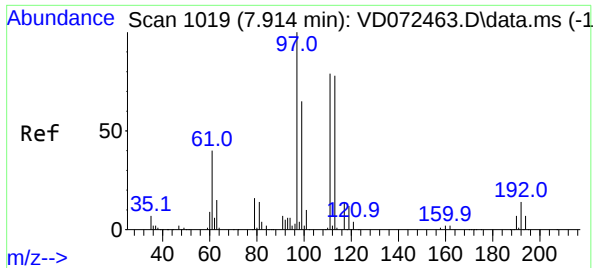
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 16.1 0.0 33.2

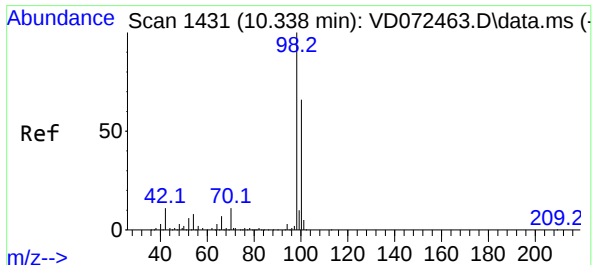
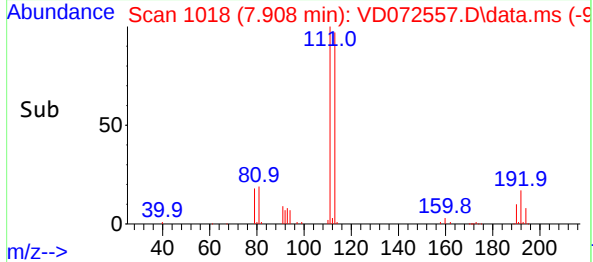
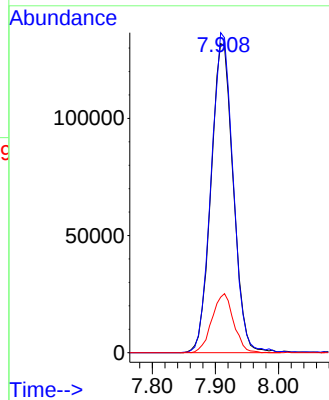
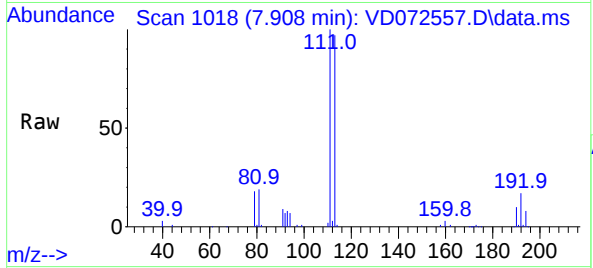




#35
Dibromofluoromethane
Concen: 41.858 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072557.D
Acq: 08 Apr 2022 13:32

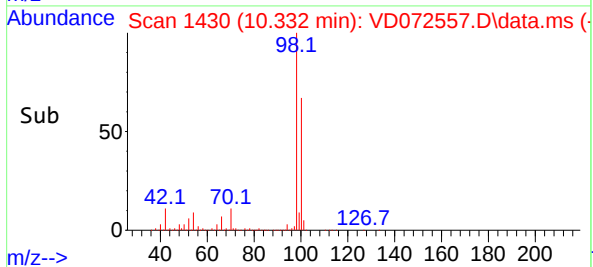
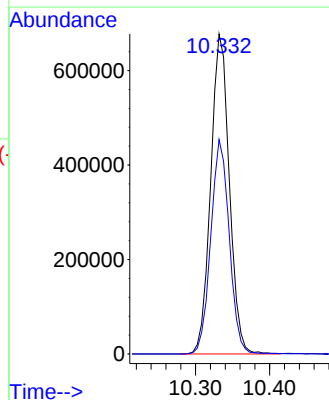
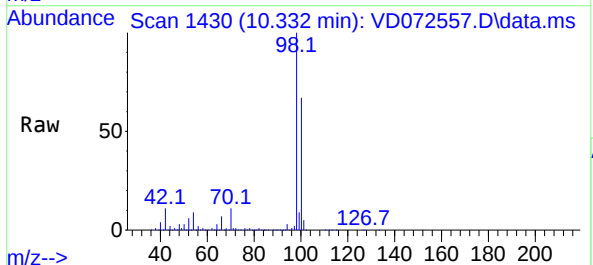
Instrument :
MSVOA_D
ClientSampleId :
WEST-2

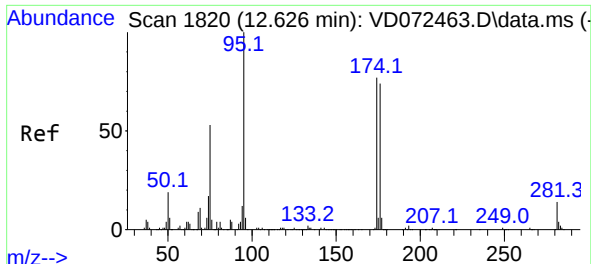
Tgt Ion:113 Resp: 323152
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.6 14.6 21.8



#50
Toluene-d8
Concen: 44.035 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072557.D
Acq: 08 Apr 2022 13:32

Tgt Ion: 98 Resp: 1181707
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

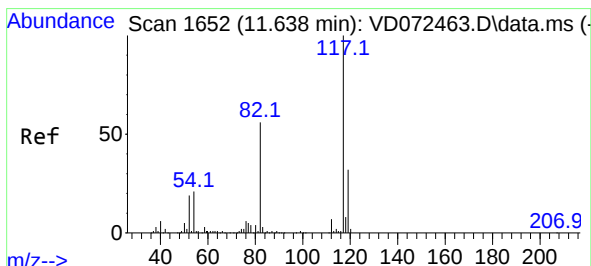
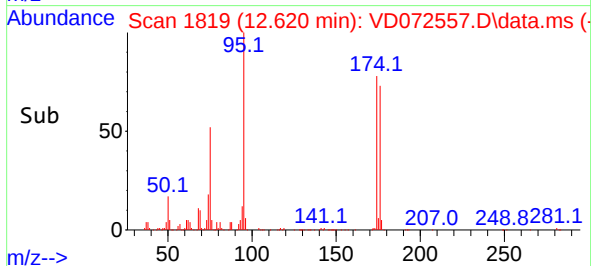
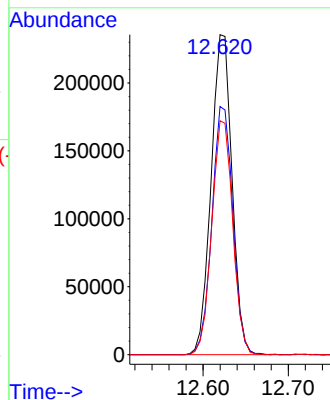
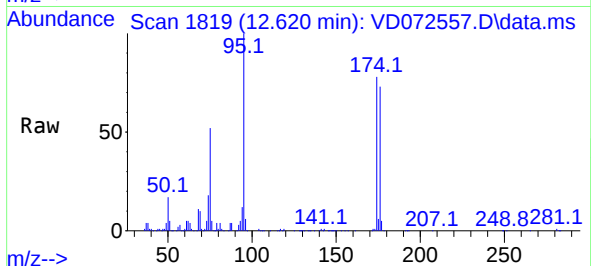




#62
4-Bromofluorobenzene
Concen: 38.277 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072557.D
Acq: 08 Apr 2022 13:32

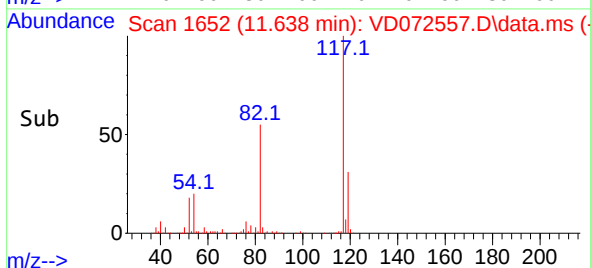
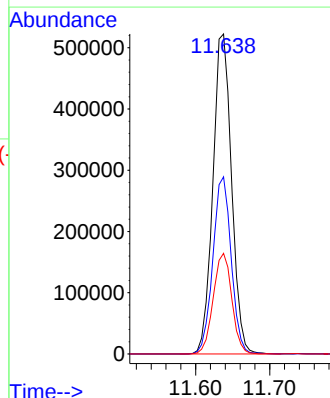
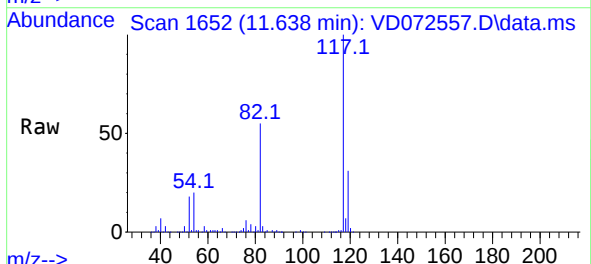
Instrument :
MSVOA_D
ClientSampleId :
WEST-2

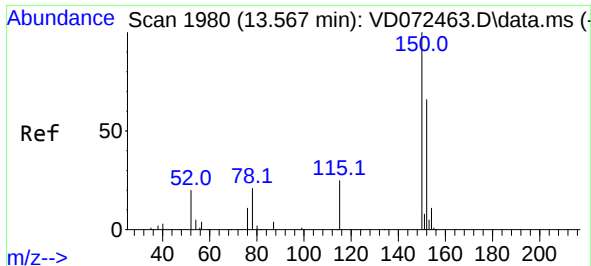
Tgt Ion: 95 Resp: 401161
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072557.D
Acq: 08 Apr 2022 13:32

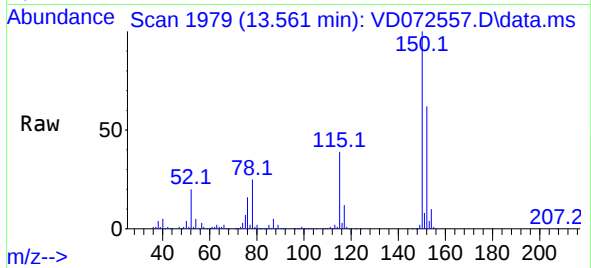
Tgt Ion: 117 Resp: 913700
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 31.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072557.D
 Acq: 08 Apr 2022 13:32

Instrument :
 MSVOA_D
 ClientSampleId :
 WEST-2



Tgt Ion:152 Resp: 408449
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.3 93.8
 150 158.9 0.0 348.6

