

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072257.D
 Acq On : 17 Mar 2022 21:18
 Operator : VA/SY
 Sample : N1943-05
 Misc : 9.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TB2

Quant Time: Mar 18 04:33:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

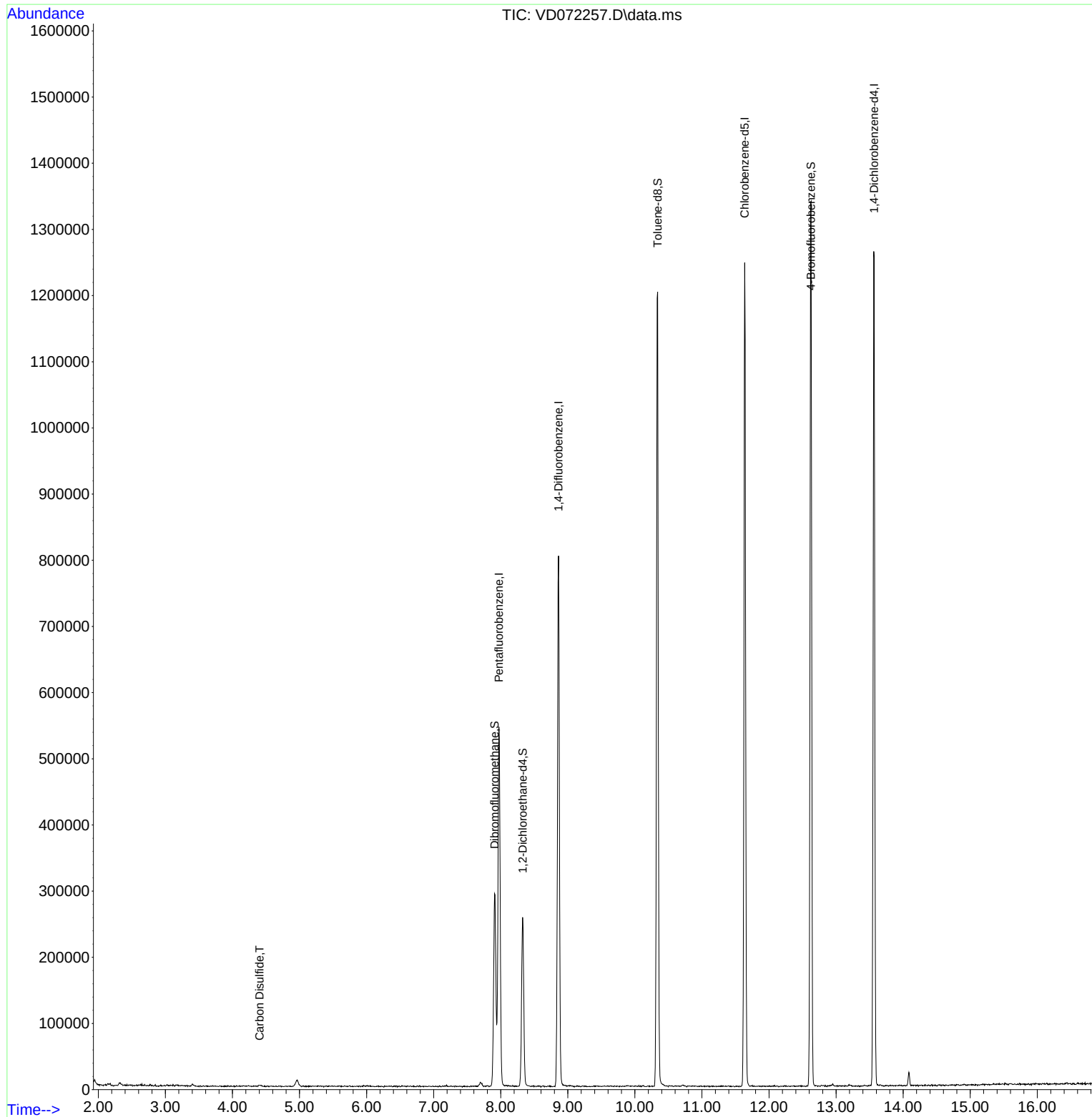
Internal Standards						
1) Pentafluorobenzene	7.973	168	396909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	669909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	702607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	342092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207264	46.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.720%
35) Dibromofluoromethane	7.909	113	212259	45.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.338	98	828160	48.044	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.626	95	344821	51.483	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.960%
Target Compounds						
17) Carbon Disulfide	4.403	76	4850	2.053	ug/l	Qvalue # 80

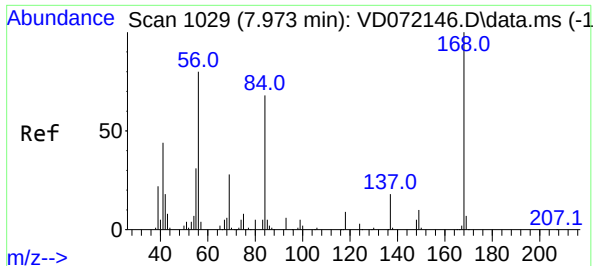
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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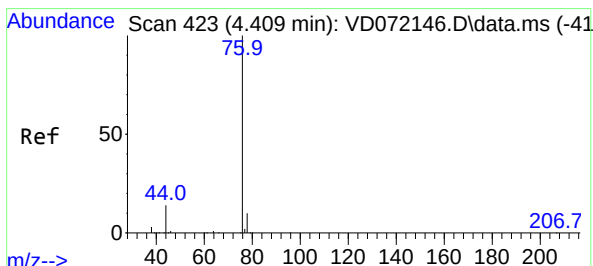
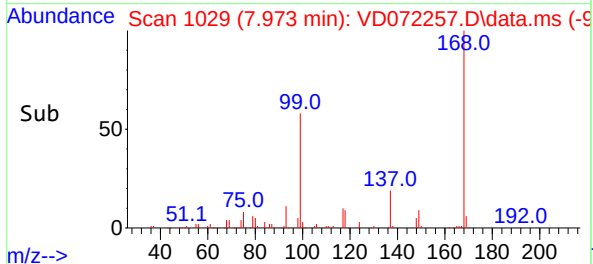
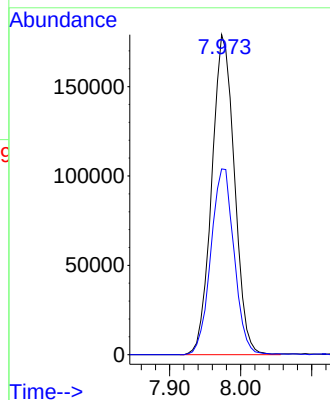
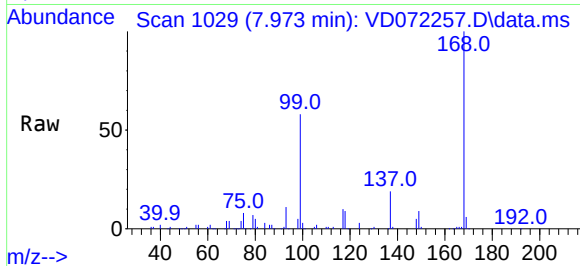




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072257.D
Acq: 17 Mar 2022 21:18

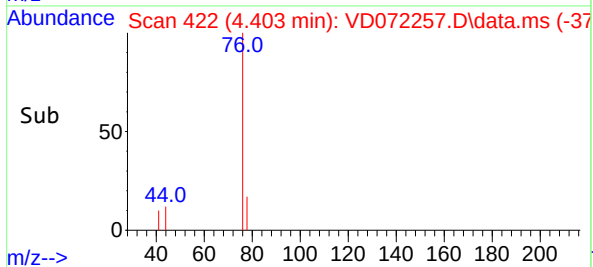
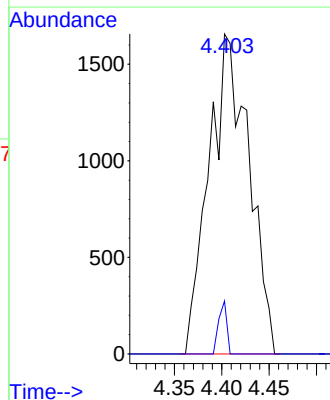
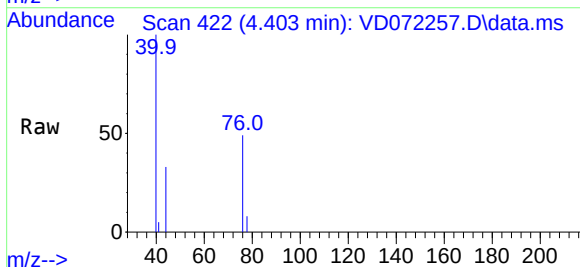
Instrument :
MSVOA_D
ClientSampleId :
TB2

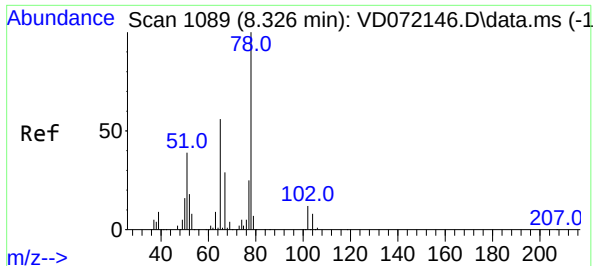
Tgt Ion:168 Resp: 396909
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#17
Carbon Disulfide
Concen: 2.053 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072257.D
Acq: 17 Mar 2022 21:18

Tgt Ion: 76 Resp: 4850
Ion Ratio Lower Upper
76 100
78 16.5 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 46.857 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072257.D

Acq: 17 Mar 2022 21:18

Instrument :

MSVOA_D

ClientSampleId :

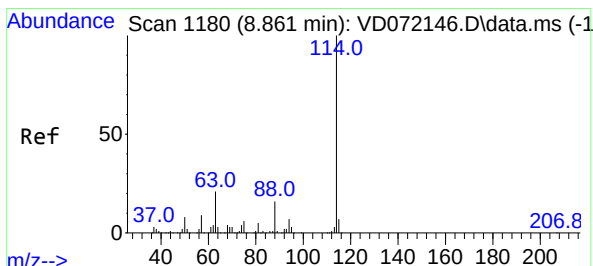
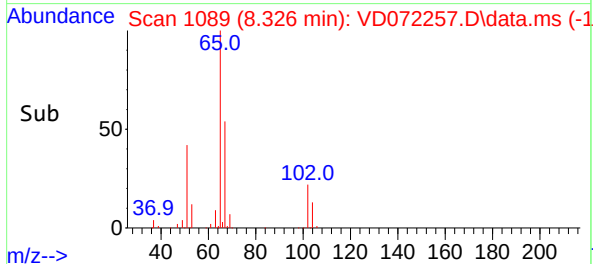
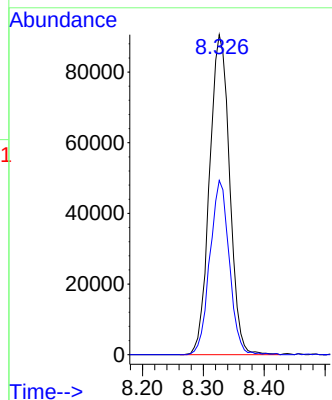
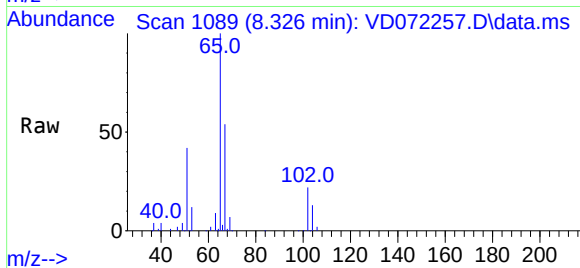
TB2

Tgt Ion: 65 Resp: 207264

Ion Ratio Lower Upper

65 100

67 52.6 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: VD072257.D

Acq: 17 Mar 2022 21:18

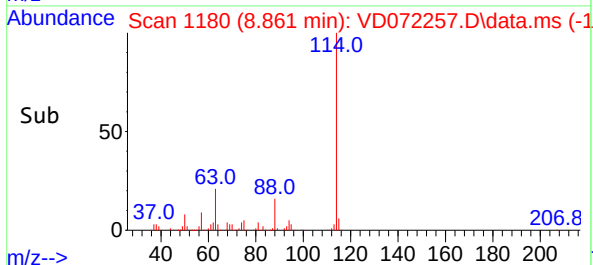
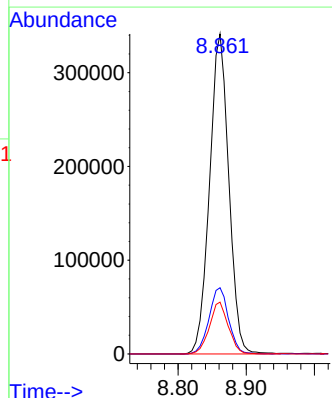
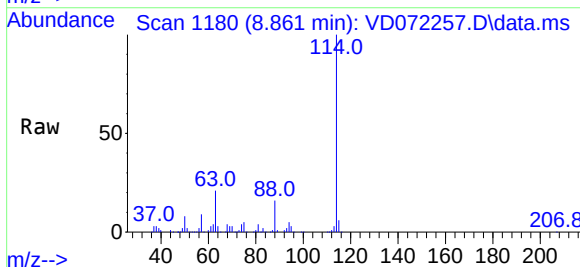
Tgt Ion: 114 Resp: 669909

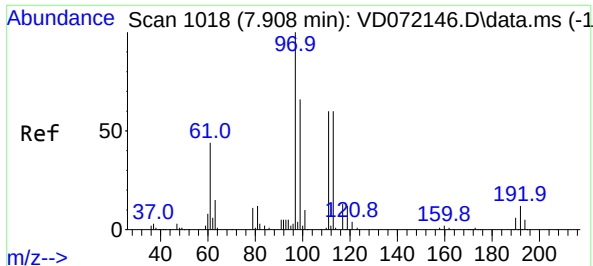
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 16.2 0.0 33.2

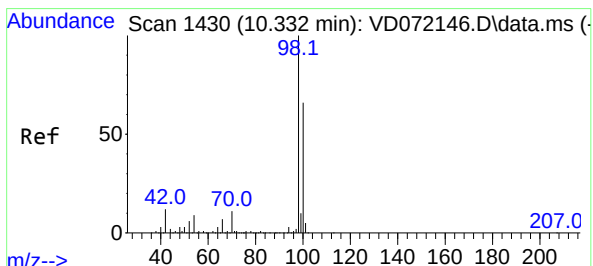
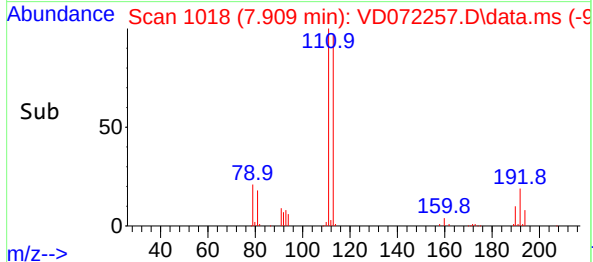
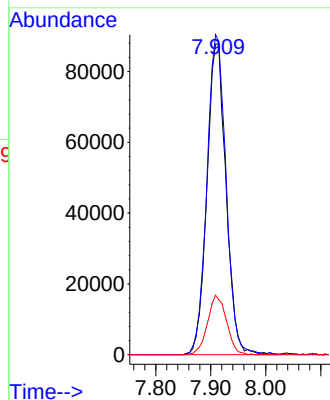
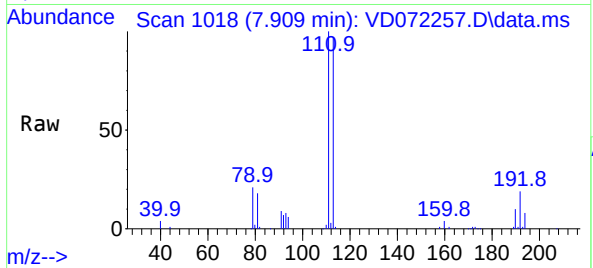




#35
Dibromofluoromethane
Concen: 45.025 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072257.D
Acq: 17 Mar 2022 21:18

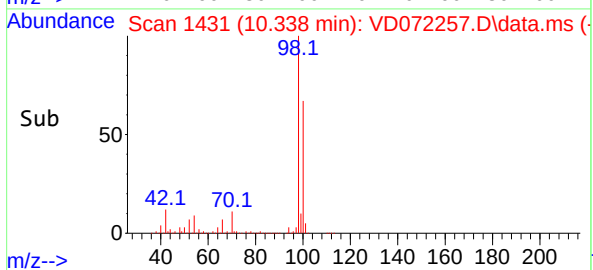
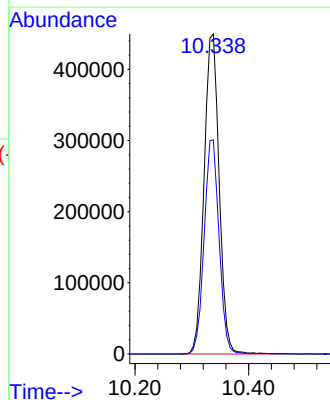
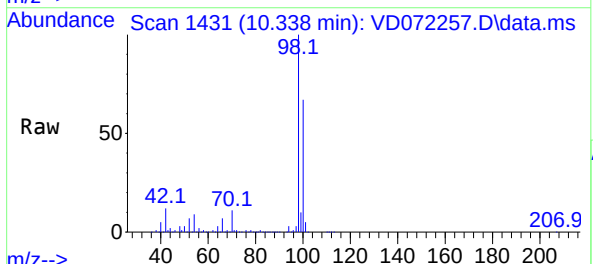
Instrument :
MSVOA_D
ClientSampleId :
TB2

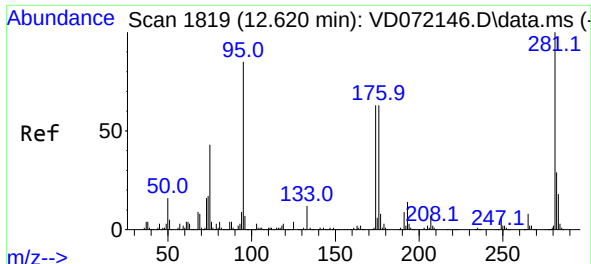
Tgt Ion:113 Resp: 212259
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.9 14.6 21.8



#50
Toluene-d8
Concen: 48.044 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072257.D
Acq: 17 Mar 2022 21:18

Tgt Ion: 98 Resp: 828160
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

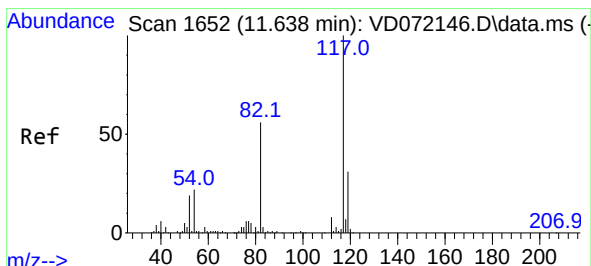
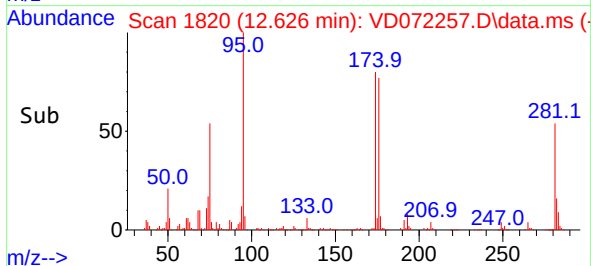
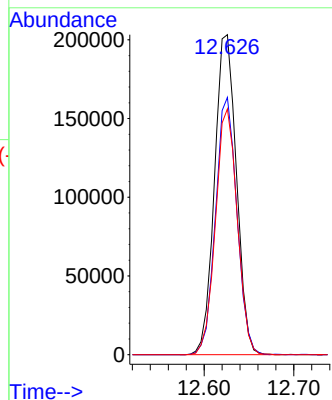
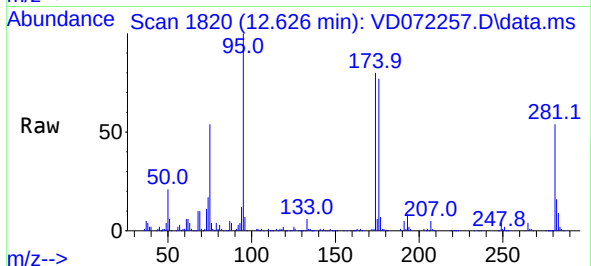




#62
4-Bromofluorobenzene
Concen: 51.483 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072257.D
Acq: 17 Mar 2022 21:18

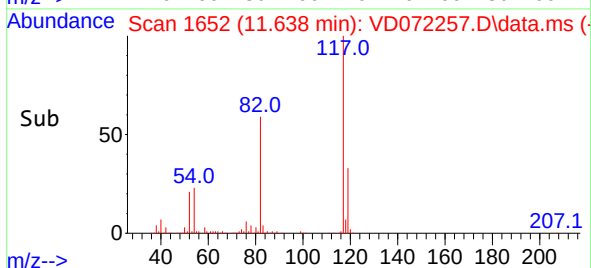
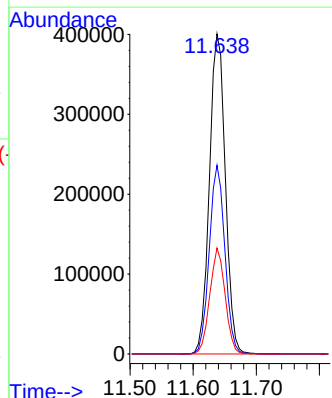
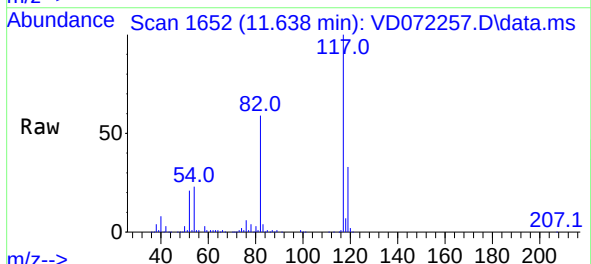
Instrument :
MSVOA_D
ClientSampleId :
TB2

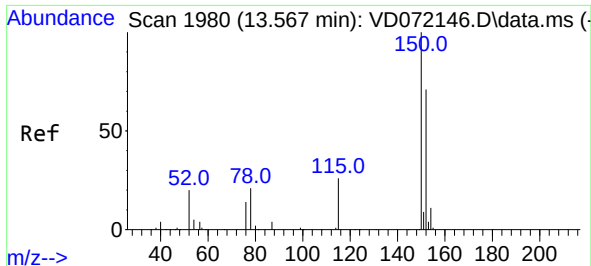
Tgt Ion: 95 Resp: 344821
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 76.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072257.D
Acq: 17 Mar 2022 21:18

Tgt Ion: 117 Resp: 702607
Ion Ratio Lower Upper
117 100
82 58.9 45.3 67.9
119 33.1 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: VD072257.D

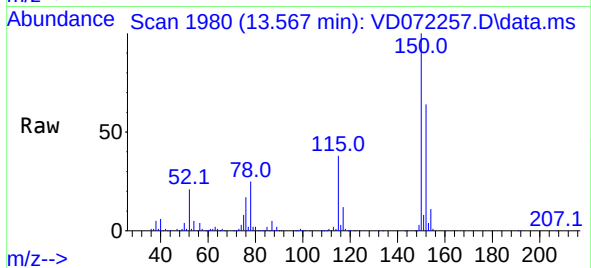
Acq: 17 Mar 2022 21:18

Instrument :

MSVOA_D

ClientSampleId :

TB2



Tgt Ion:152 Resp: 342092

Ion Ratio Lower Upper

152 100

115 59.2 31.3 93.8

150 155.5 0.0 348.6

