

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072261.D
 Acq On : 18 Mar 2022 00:34
 Operator : VA/SY
 Sample : VD0317SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBL02

Quant Time: Mar 18 05:38:51 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)

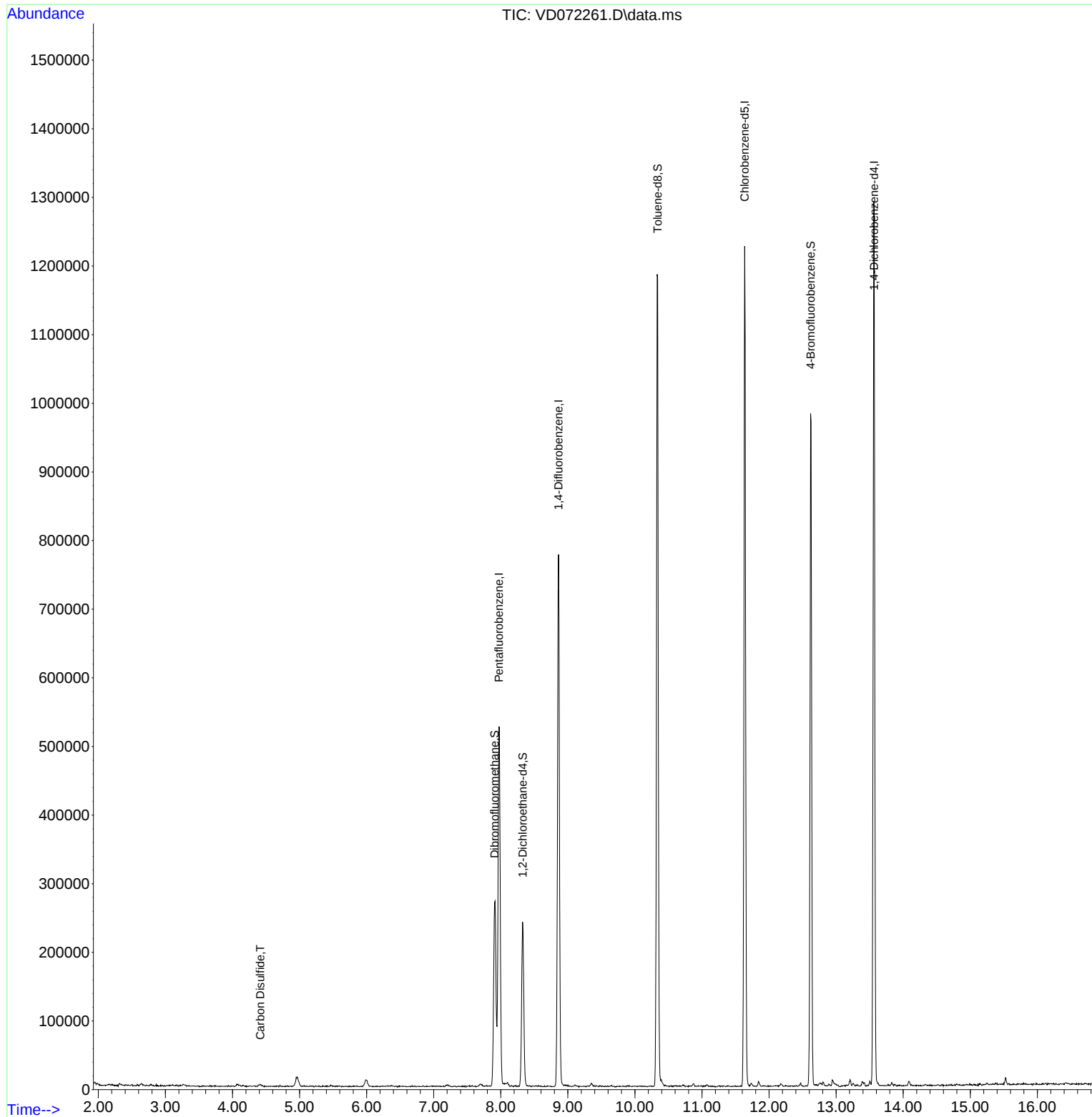
Internal Standards						
1) Pentafluorobenzene	7.973	168	380628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	688936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	340126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191039	45.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.080%
35) Dibromofluoromethane	7.908	113	203255	44.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.800%
50) Toluene-d8	10.338	98	806022	48.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.620	95	329536	51.235	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.460%
Target Compounds						
17) Carbon Disulfide	4.415	76	5858	2.197	ug/l	Qvalue # 94

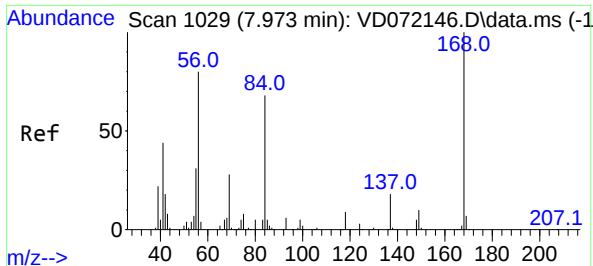
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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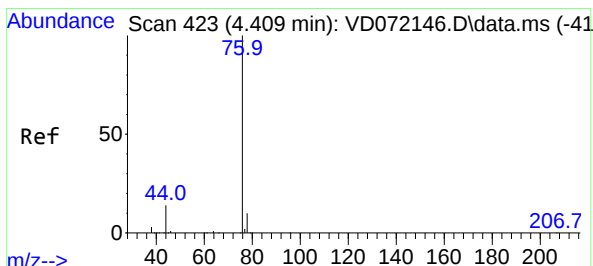
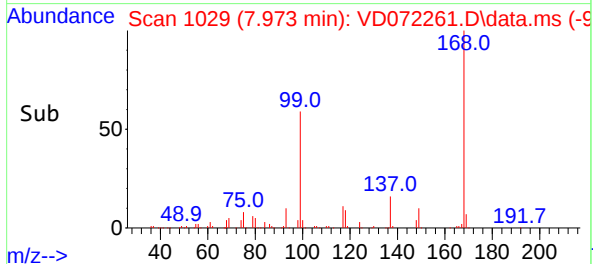
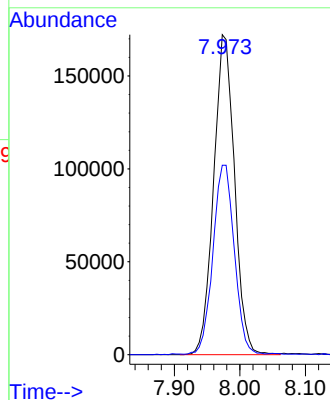
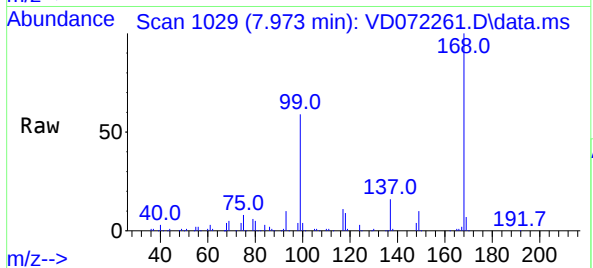




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072261.D
Acq: 18 Mar 2022 00:34

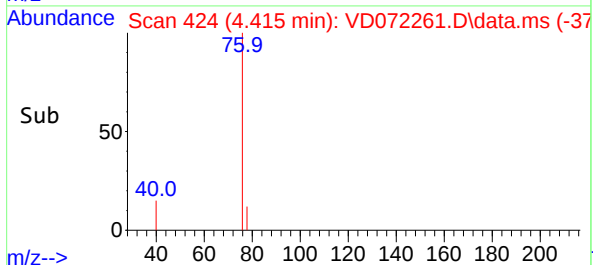
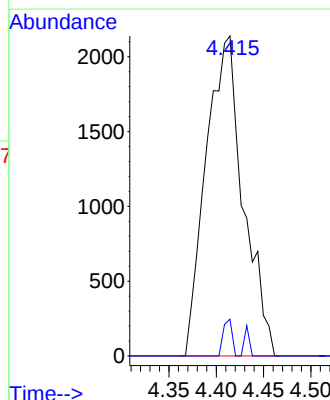
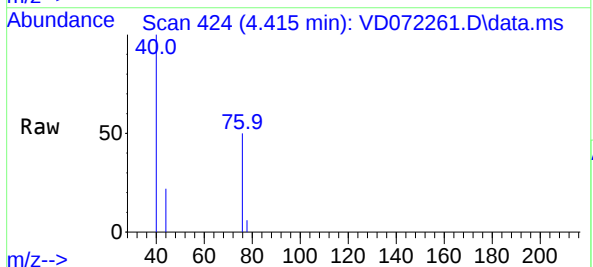
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBL02

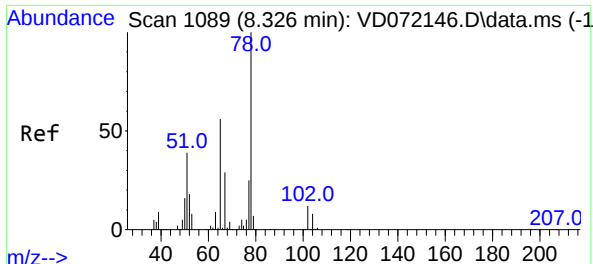
Tgt Ion:168 Resp: 380628
Ion Ratio Lower Upper
168 100
99 59.0 49.8 74.6



#17
Carbon Disulfide
Concen: 2.197 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072261.D
Acq: 18 Mar 2022 00:34

Tgt Ion: 76 Resp: 5858
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 45.036 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD072261.D

Acq: 18 Mar 2022 00:34

Instrument :

MSVOA_D

ClientSampleId :

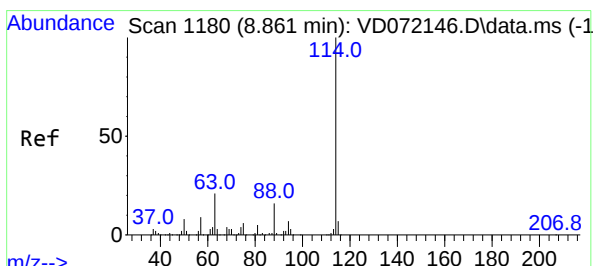
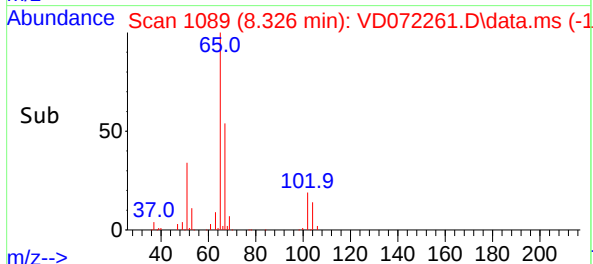
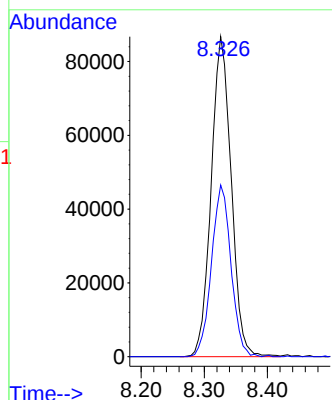
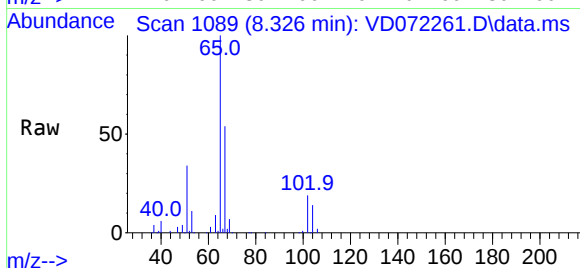
VD0317SBL02

Tgt Ion: 65 Resp: 191039

Ion Ratio Lower Upper

65 100

67 52.2 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: VD072261.D

Acq: 18 Mar 2022 00:34

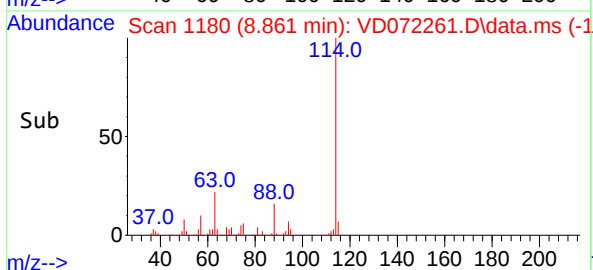
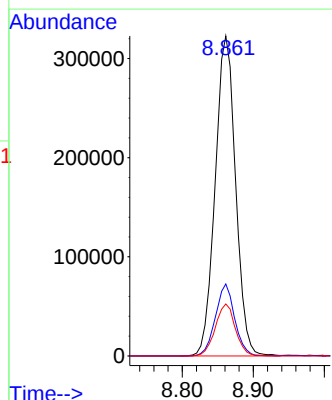
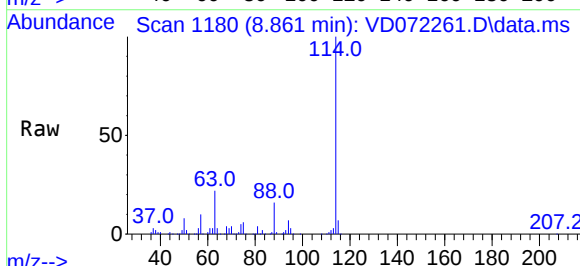
Tgt Ion: 114 Resp: 643319

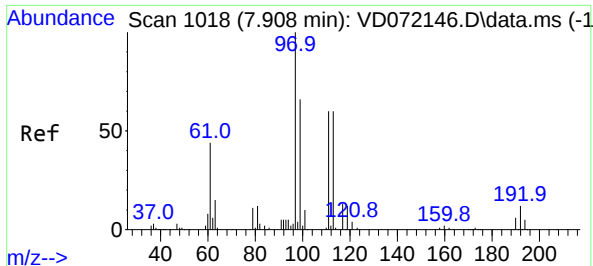
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.6

88 16.2 0.0 33.2

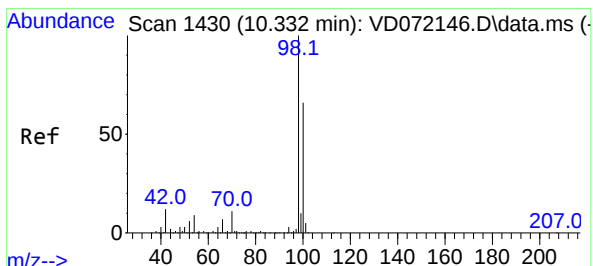
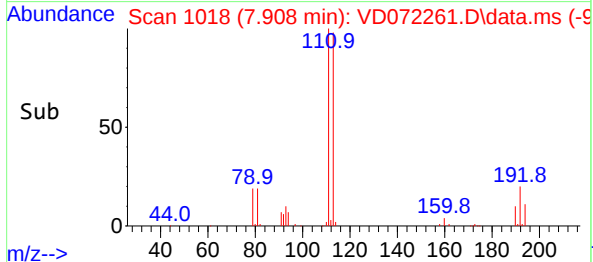
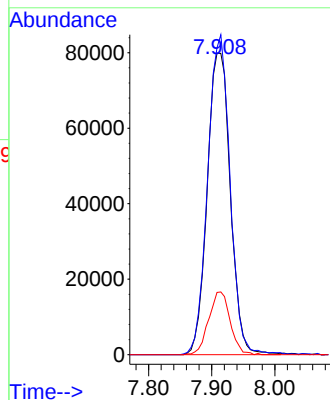
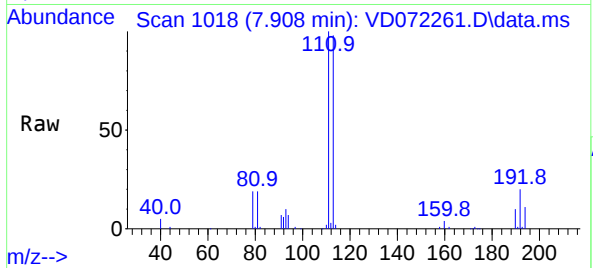




#35
Dibromofluoromethane
Concen: 44.898 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072261.D
Acq: 18 Mar 2022 00:34

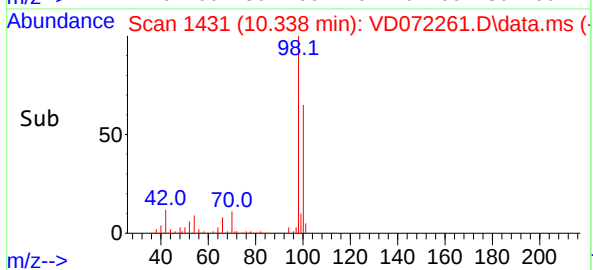
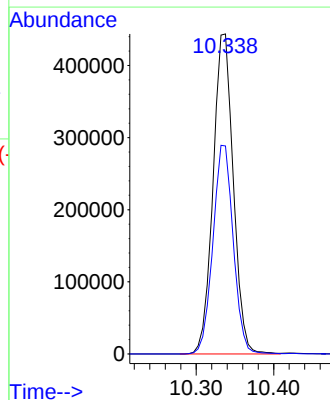
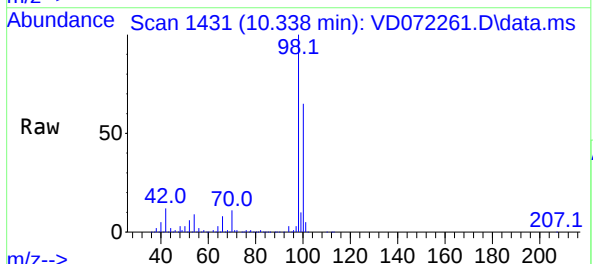
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBL02

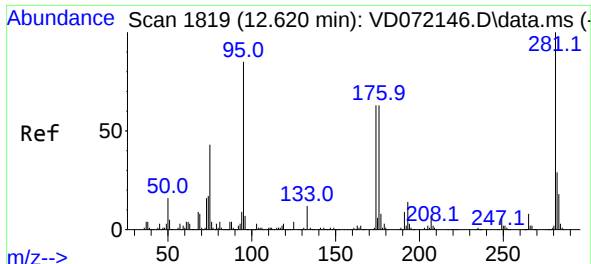
Tgt Ion:113 Resp: 203255
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 19.4 14.6 21.8



#50
Toluene-d8
Concen: 48.692 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072261.D
Acq: 18 Mar 2022 00:34

Tgt Ion: 98 Resp: 806022
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

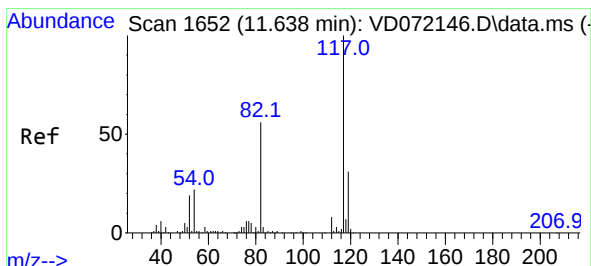
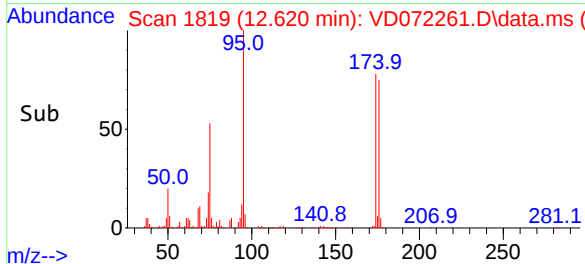
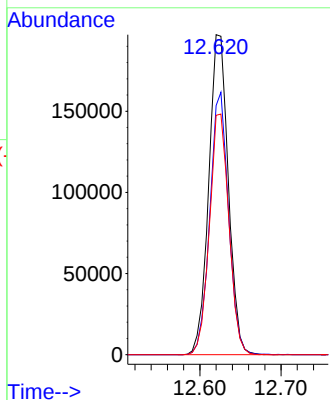
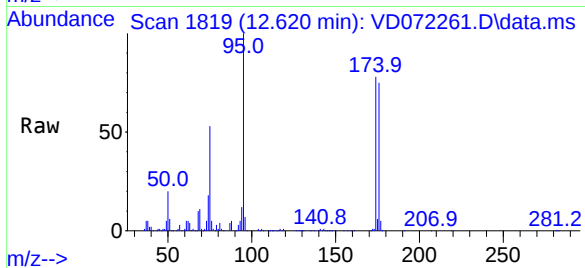




#62
4-Bromofluorobenzene
Concen: 51.235 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072261.D
Acq: 18 Mar 2022 00:34

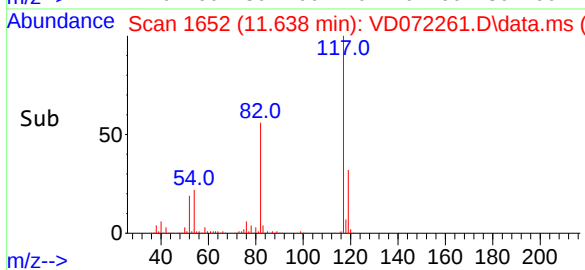
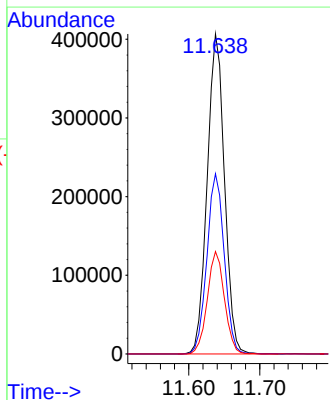
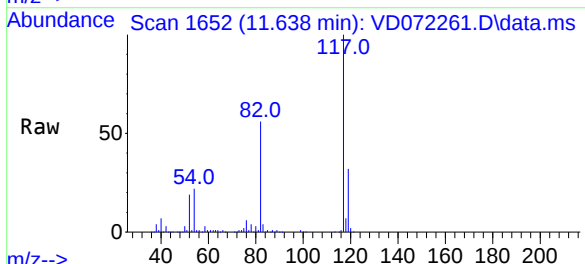
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBL02

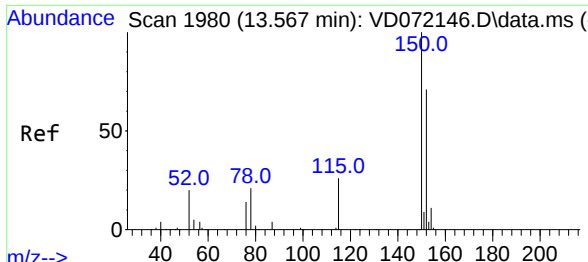
Tgt Ion: 95 Resp: 329536
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 74.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072261.D
Acq: 18 Mar 2022 00:34

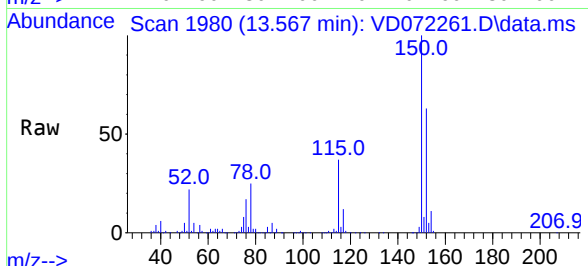
Tgt Ion: 117 Resp: 688936
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.0 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD072261.D
 Acq: 18 Mar 2022 00:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBL02



Tgt Ion:152 Resp: 340126

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.3	93.8
150	158.1	0.0	348.6

