

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073176.D
 Acq On : 20 May 2022 10:34
 Operator : VA/SY
 Sample : N2842-17
 Misc : 3.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS001-2430-01

Quant Time: May 20 13:08:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

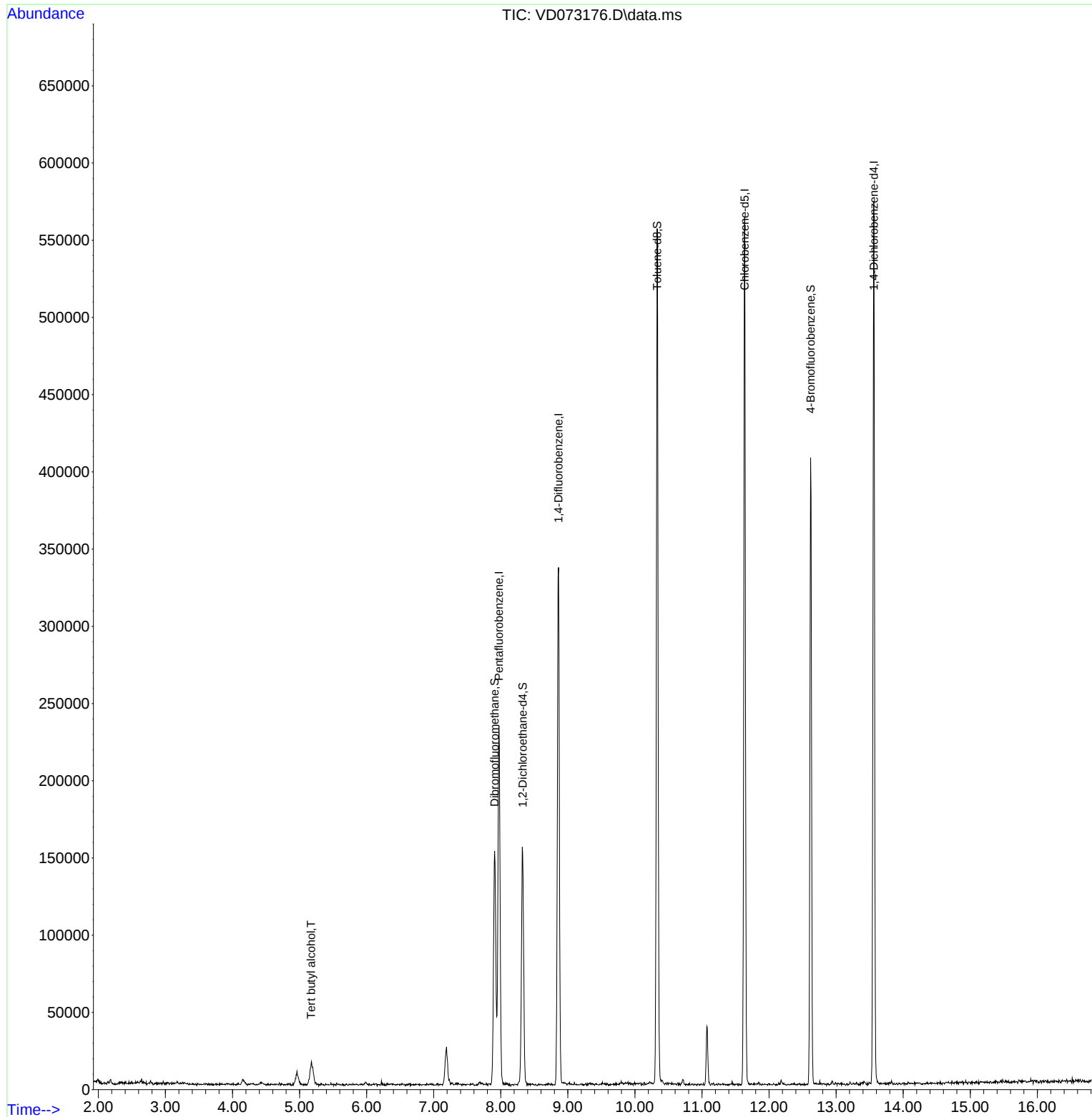
Internal Standards						
1) Pentafluorobenzene	7.973	168	159886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	292226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	318776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	150101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	124009	70.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.360%	
35) Dibromofluoromethane	7.908	113	111840	57.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.000%	
50) Toluene-d8	10.332	98	364109	51.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.620	95	137896	55.279	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.560%	
Target Compounds						
11) Tert butyl alcohol	5.173	59	13226	48.245	ug/l	Qvalue # 74

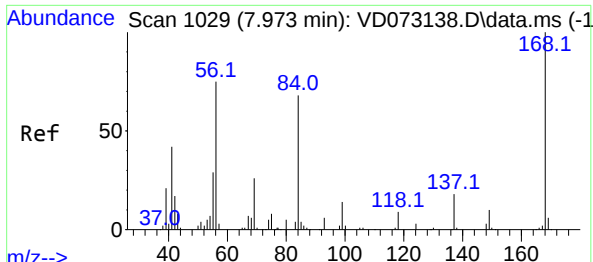
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
Data File : VD073176.D
Acq On : 20 May 2022 10:34
Operator : VA/SY
Sample : N2842-17
Misc : 3.54G/5.00ml/MSVOA_D/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

Quant Time: May 20 13:08:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073176.D

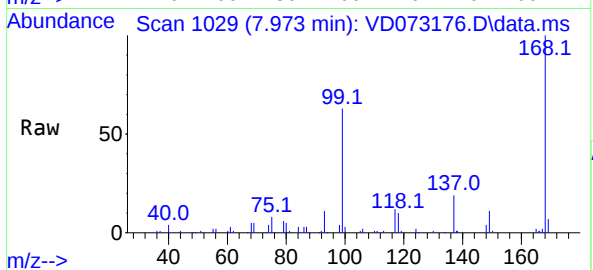
Acq: 20 May 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

P023-SS001-2430-01

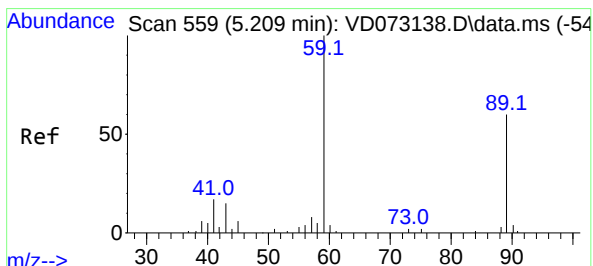
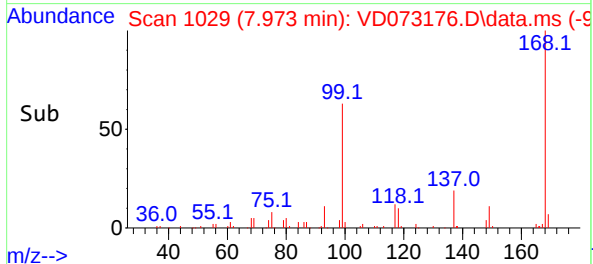
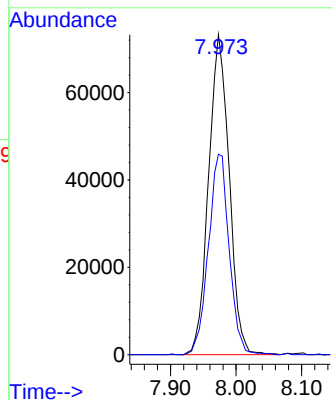


Tgt Ion:168 Resp: 159886

Ion Ratio Lower Upper

168 100

99 62.6 49.8 74.6



#11

Tert butyl alcohol

Concen: 48.245 ug/l

RT: 5.173 min Scan# 553

Delta R.T. -0.036 min

Lab File: VD073176.D

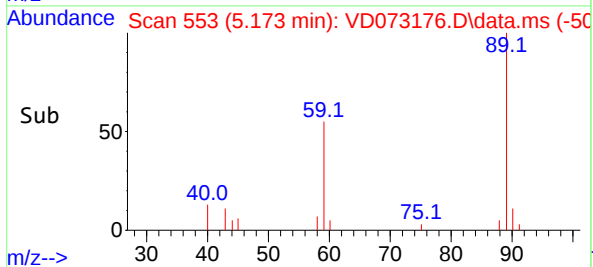
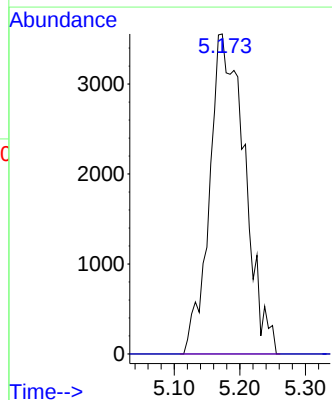
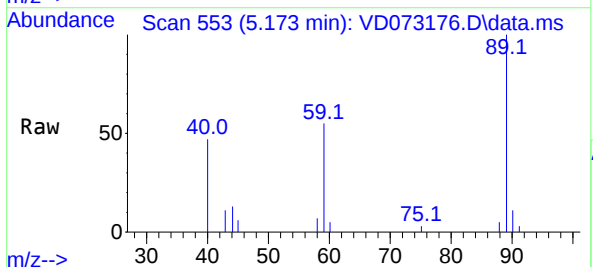
Acq: 20 May 2022 10:34

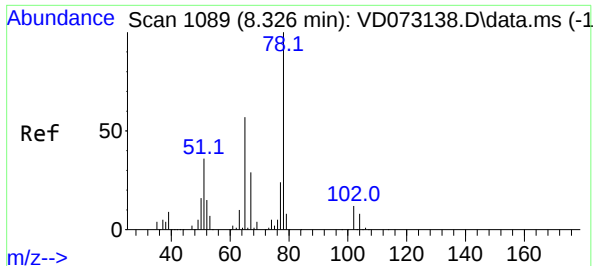
Tgt Ion: 59 Resp: 13226

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#





#33

1,2-Dichloroethane-d4

Concen: 70.182 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073176.D

Acq: 20 May 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

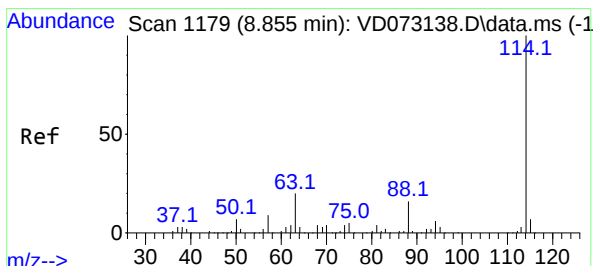
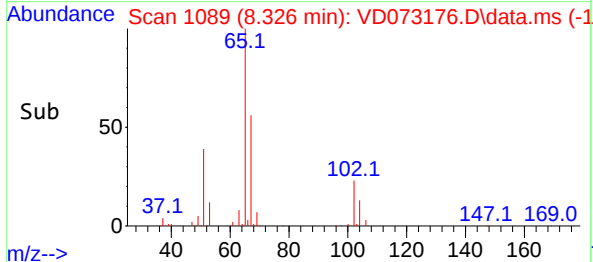
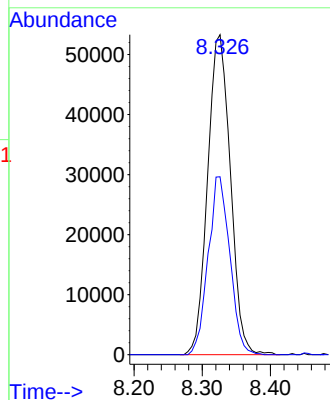
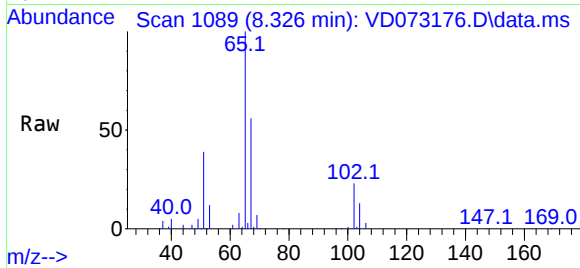
P023-SS001-2430-01

Tgt Ion: 65 Resp: 124009

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073176.D

Acq: 20 May 2022 10:34

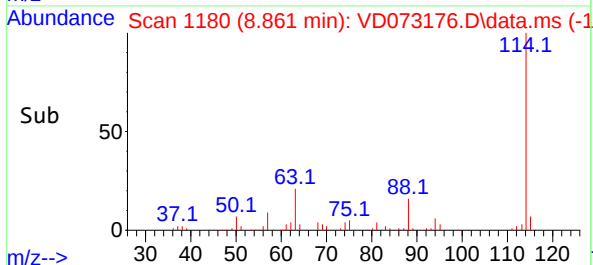
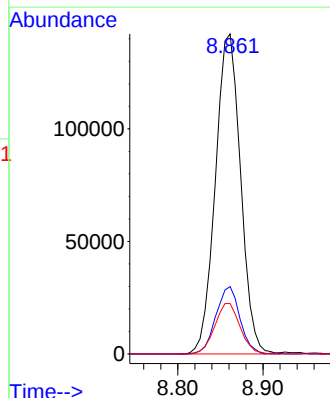
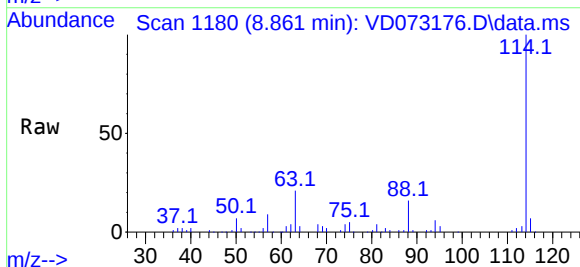
Tgt Ion: 114 Resp: 292226

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.7 0.0 33.2

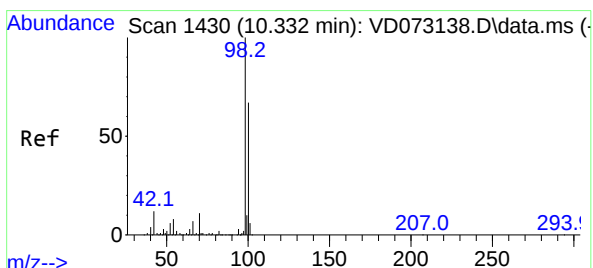
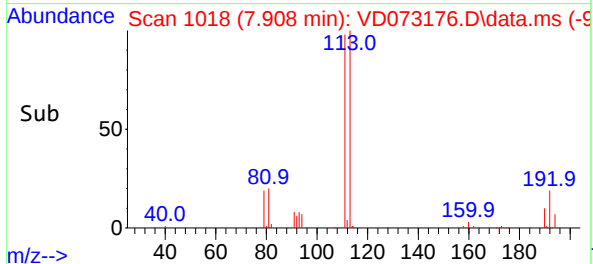
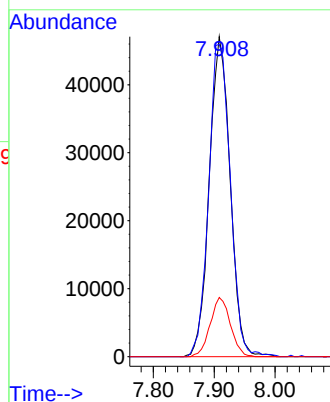
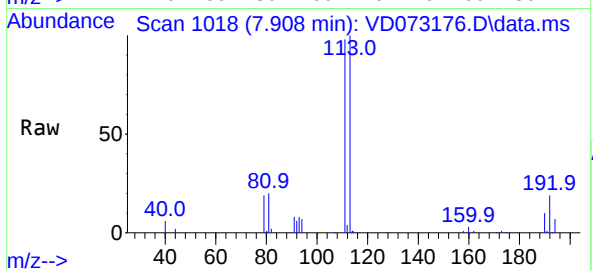




#35
Dibromofluoromethane
Concen: 57.999 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

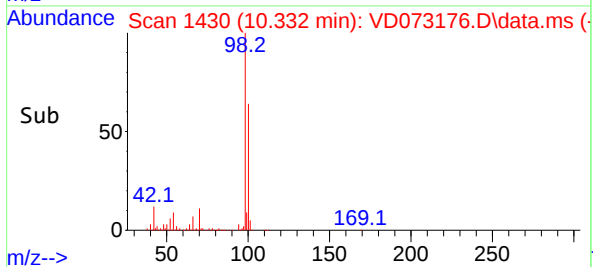
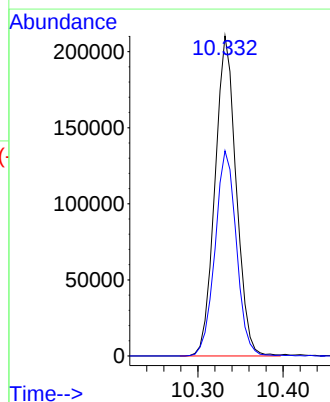
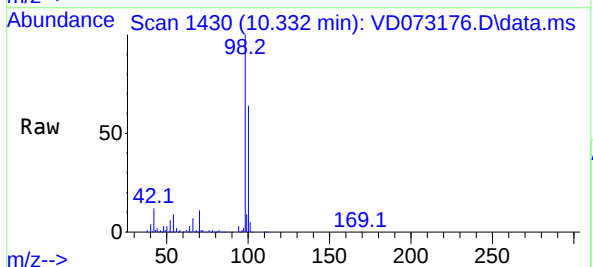
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

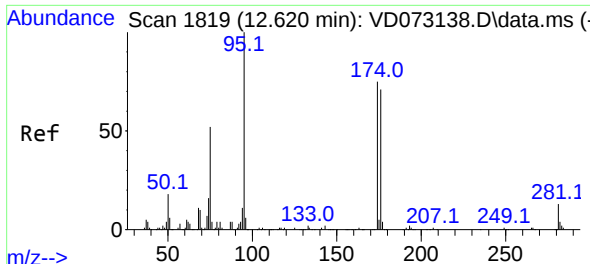
Tgt Ion:113 Resp: 111840
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.0 14.6 21.8



#50
Toluene-d8
Concen: 51.224 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 98 Resp: 364109
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6

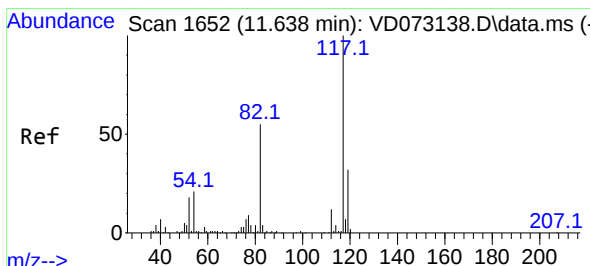
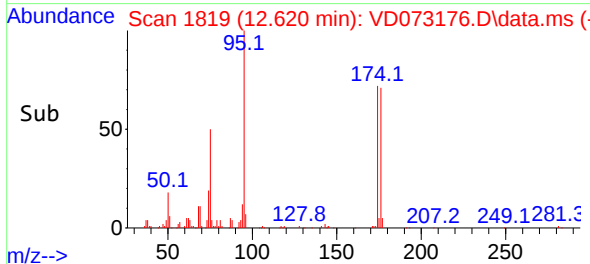
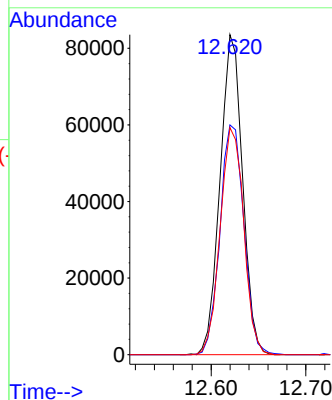
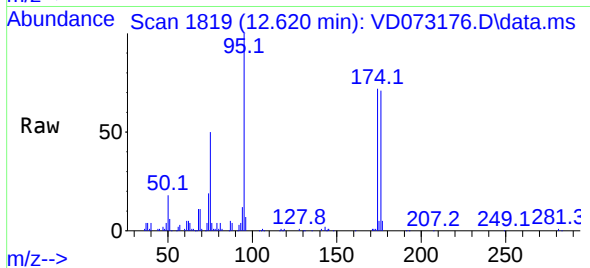




#62
4-Bromofluorobenzene
Concen: 55.279 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

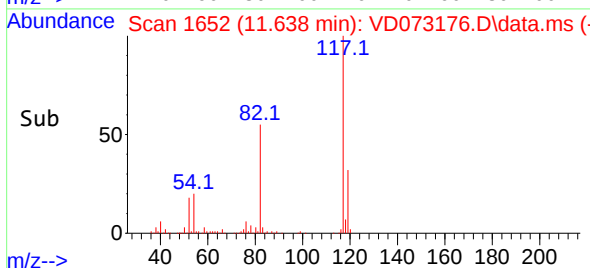
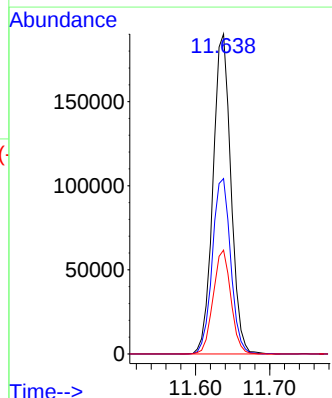
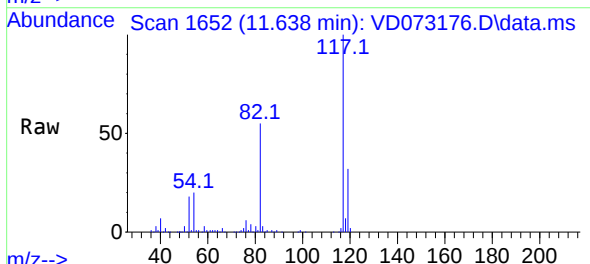
Instrument :
MSVOA_D
ClientSampleId :
P023-SS001-2430-01

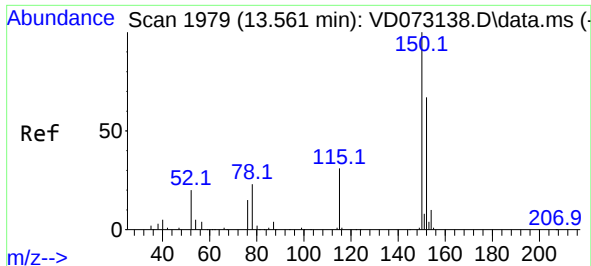
Tgt Ion: 95 Resp: 137896
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073176.D
Acq: 20 May 2022 10:34

Tgt Ion: 117 Resp: 318776
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 32.4 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073176.D

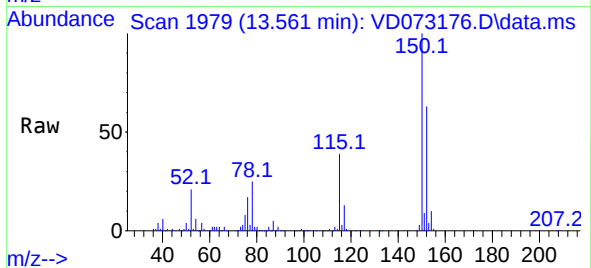
Acq: 20 May 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

P023-SS001-2430-01



Tgt Ion:152 Resp: 150101

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 158.4 0.0 348.6

