

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072774.D
 Acq On : 03 May 2022 18:14
 Operator : VA/SY
 Sample : N2659-03
 Misc : 4.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 22L097-C

Quant Time: May 04 01:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

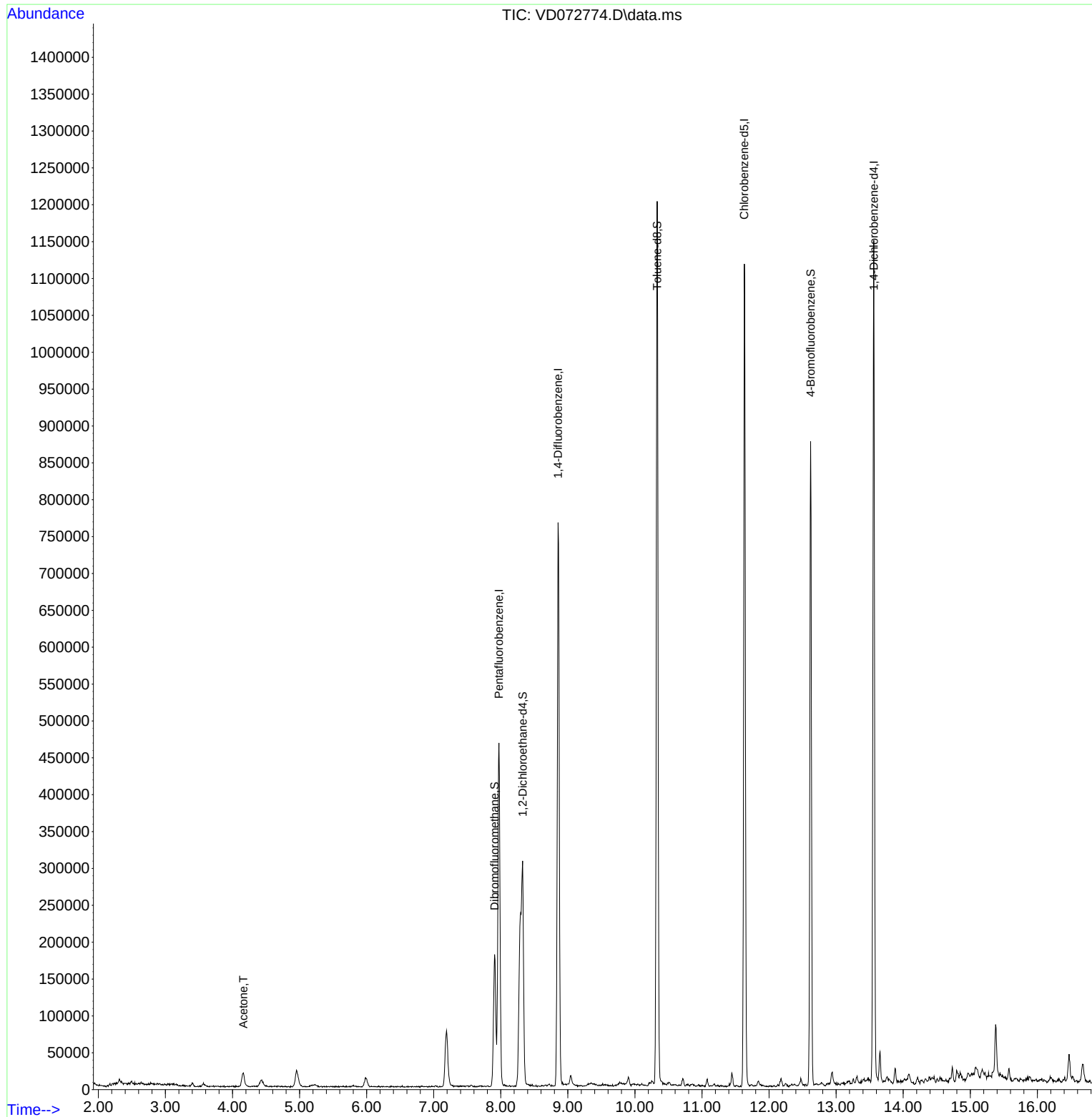
Internal Standards						
1) Pentafluorobenzene	7.973	168	324690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	654291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	632599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	219116	51.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.980%
35) Dibromofluoromethane	7.908	113	130502	28.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.800%
50) Toluene-d8	10.332	98	789199	47.879	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.620	95	285155	46.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.800%
Target Compounds						
16) Acetone	4.162	43	34183	31.125	ug/l	Qvalue # 89

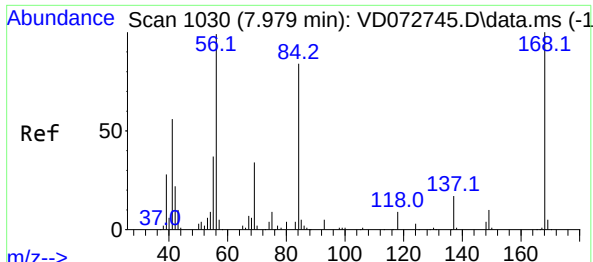
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD072774.D

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MSVOA_D

ClientSampleId :

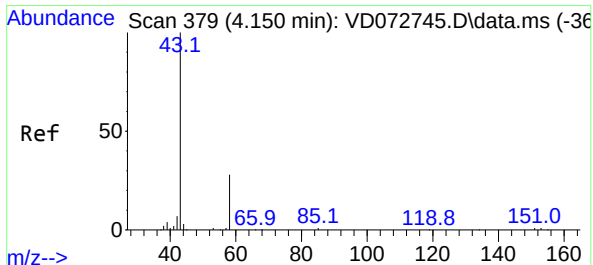
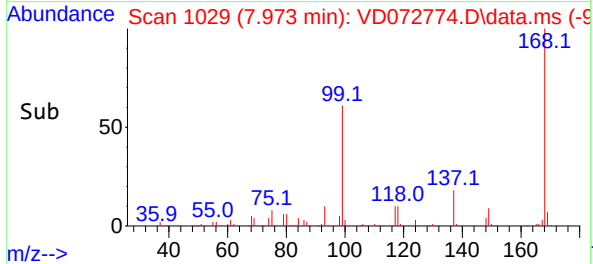
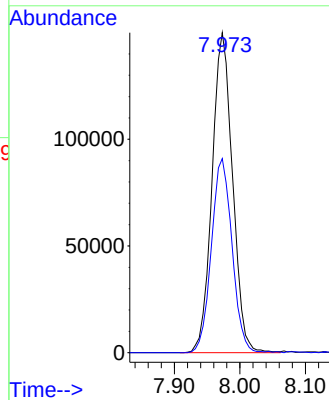
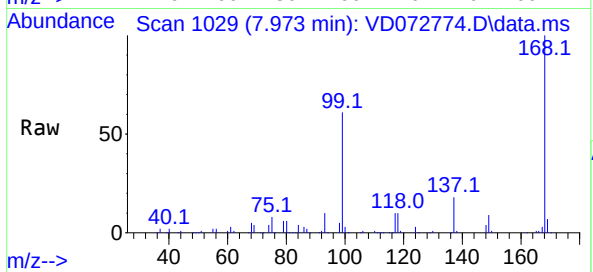
22L097-C

Tgt Ion:168 Resp: 324690

Ion Ratio Lower Upper

168 100

99 60.6 49.8 74.6



#16

Acetone

Concen: 31.125 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD072774.D

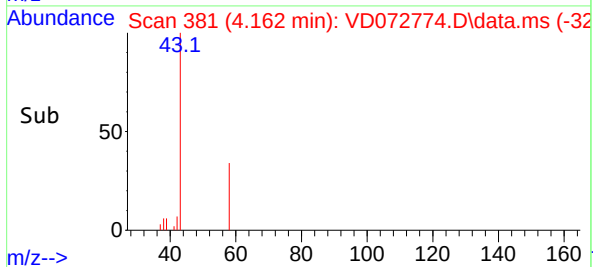
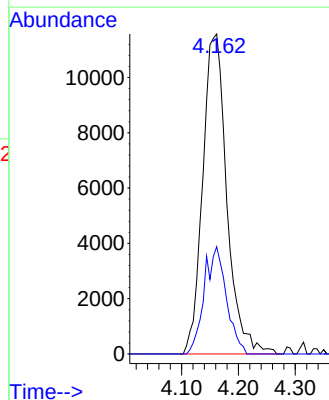
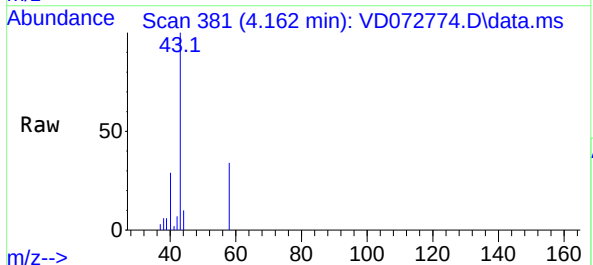
Acq: 03 May 2022 18:14

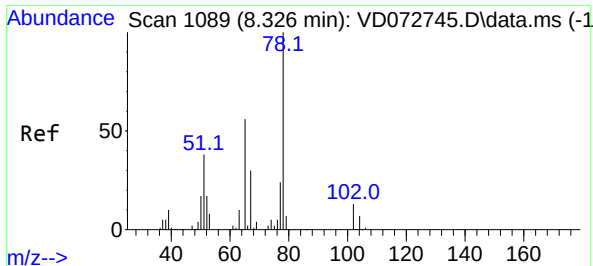
Tgt Ion: 43 Resp: 34183

Ion Ratio Lower Upper

43 100

58 33.5 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 51.988 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072774.D

Acq: 03 May 2022 18:14

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MSVOA_D

ClientSampleId :

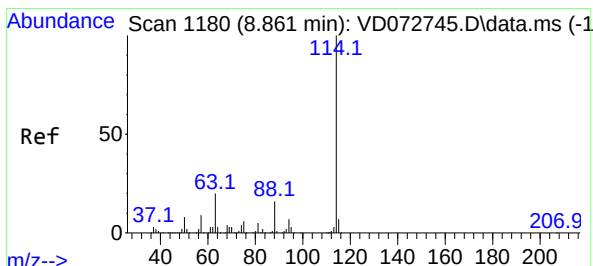
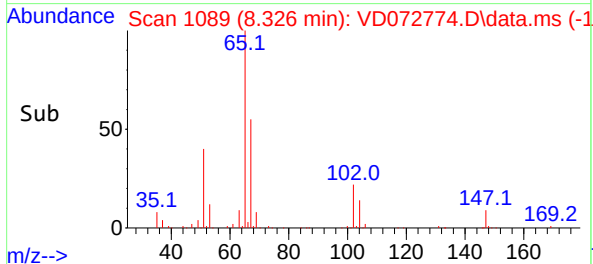
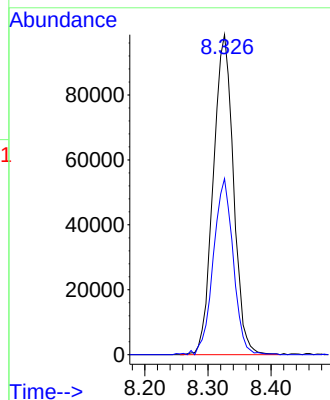
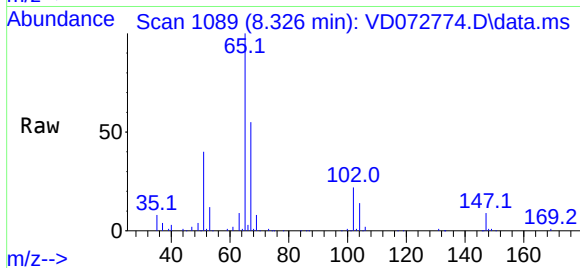
22L097-C

Tgt Ion: 65 Resp: 219116

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072774.D

Acq: 03 May 2022 18:14

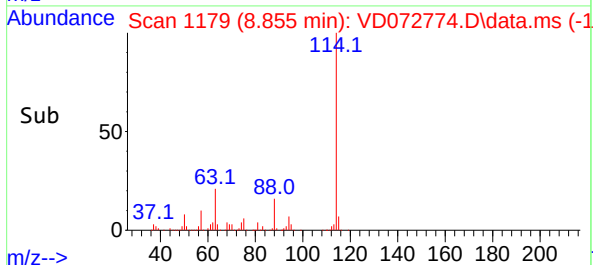
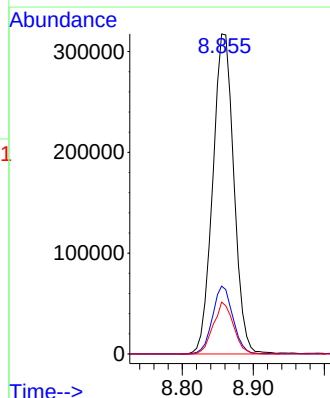
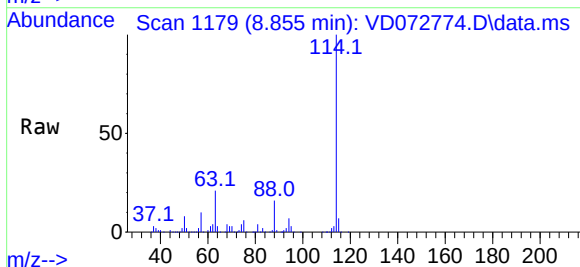
Tgt Ion: 114 Resp: 654291

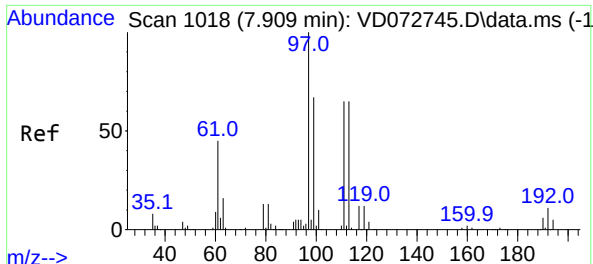
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.2 0.0 33.2

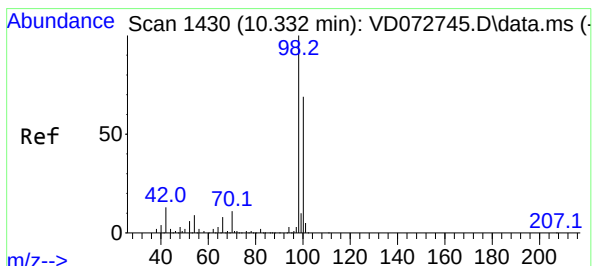
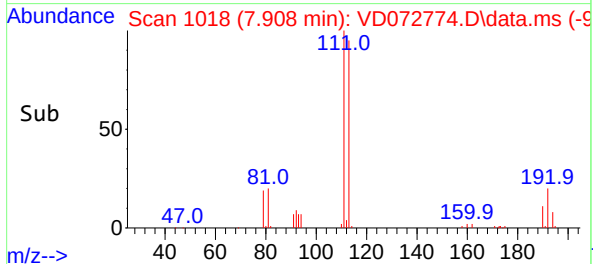
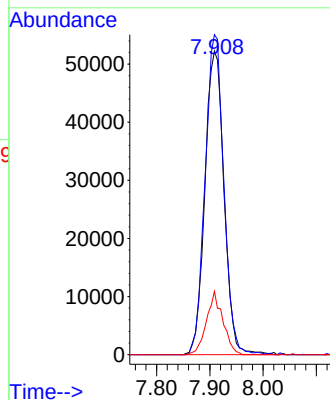
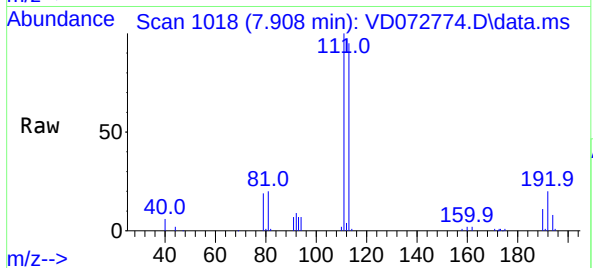




#35
Dibromofluoromethane
Concen: 28.400 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072774.D
Acq: 03 May 2022 18:14

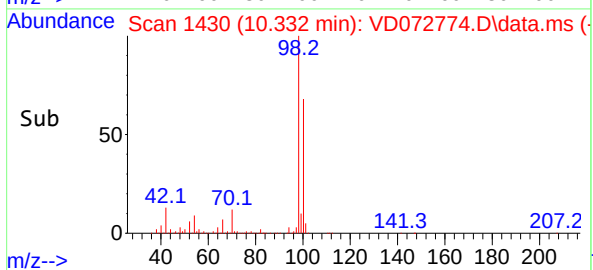
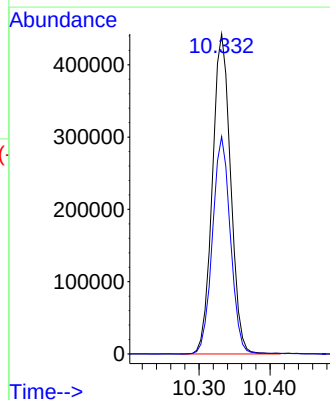
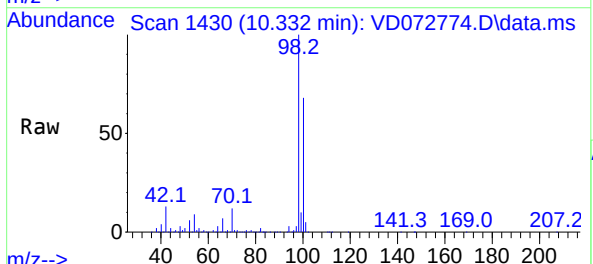
Instrument :
MSVOA_D
ClientSampleId :
22L097-C

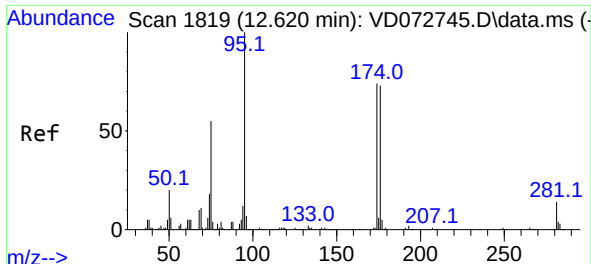
Tgt Ion:113 Resp: 130502
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.9 14.6 21.8



#50
Toluene-d8
Concen: 47.879 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072774.D
Acq: 03 May 2022 18:14

Tgt Ion: 98 Resp: 789199
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

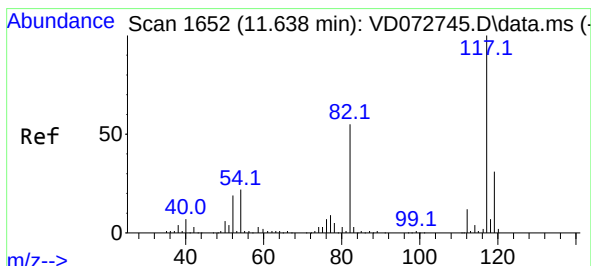
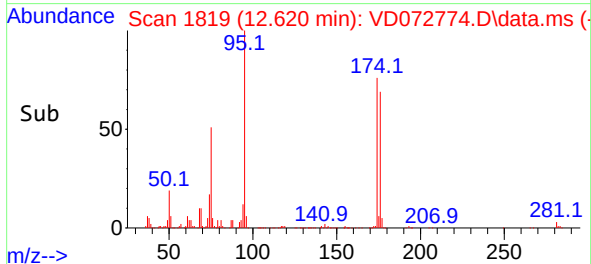
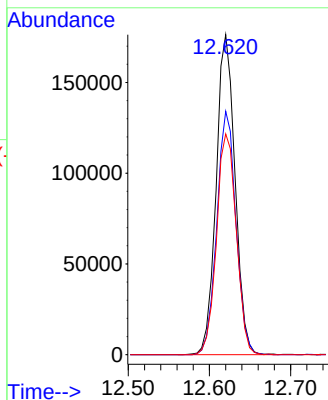
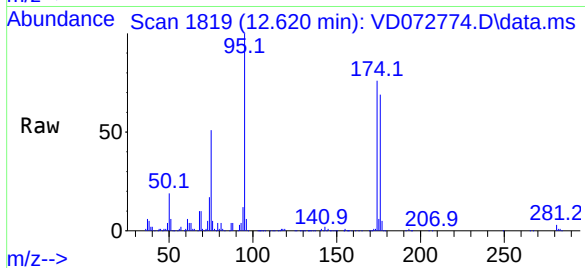




#62
4-Bromofluorobenzene
Concen: 46.396 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072774.D
Acq: 03 May 2022 18:14

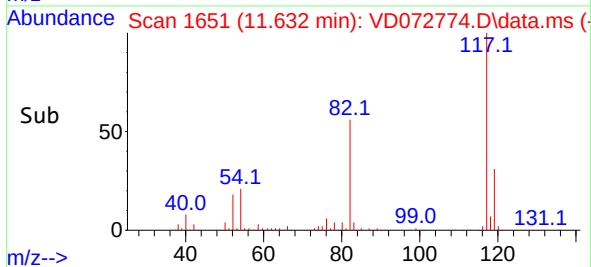
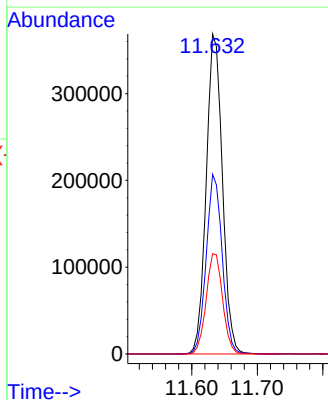
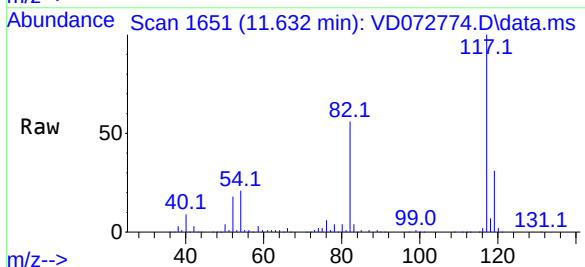
Instrument :
MSVOA_D
ClientSampleId :
22L097-C

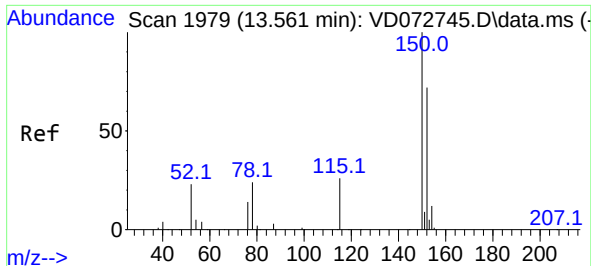
Tgt Ion: 95 Resp: 285155
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 72.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072774.D
Acq: 03 May 2022 18:14

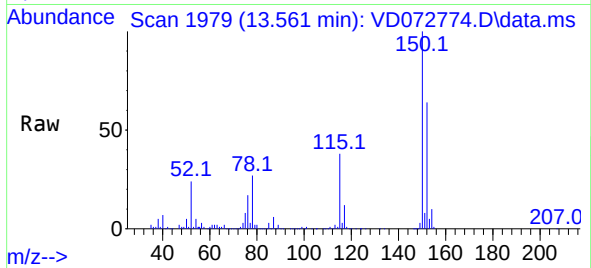
Tgt Ion: 117 Resp: 632599
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 31.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072774.D
 Acq: 03 May 2022 18:14

Instrument :
 MSVOA_D
 ClientSampleId :
 22L097-C



Tgt Ion:152 Resp: 289192
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.3 93.8
 150 156.8 0.0 348.6

