

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075643.D
 Acq On : 12 Apr 2023 16:47
 Operator : KP/SY
 Sample : 02266-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1960-1970RE

Quant Time: Apr 13 07:29:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	63775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	128597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	108934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53745	102.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	205.460%#
35) Dibromofluoromethane	7.804	113	55927	74.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	148.420%#
50) Toluene-d8	10.269	98	173585	58.721	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.440%
62) 4-Bromofluorobenzene	12.575	95	29512	33.935	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.860%

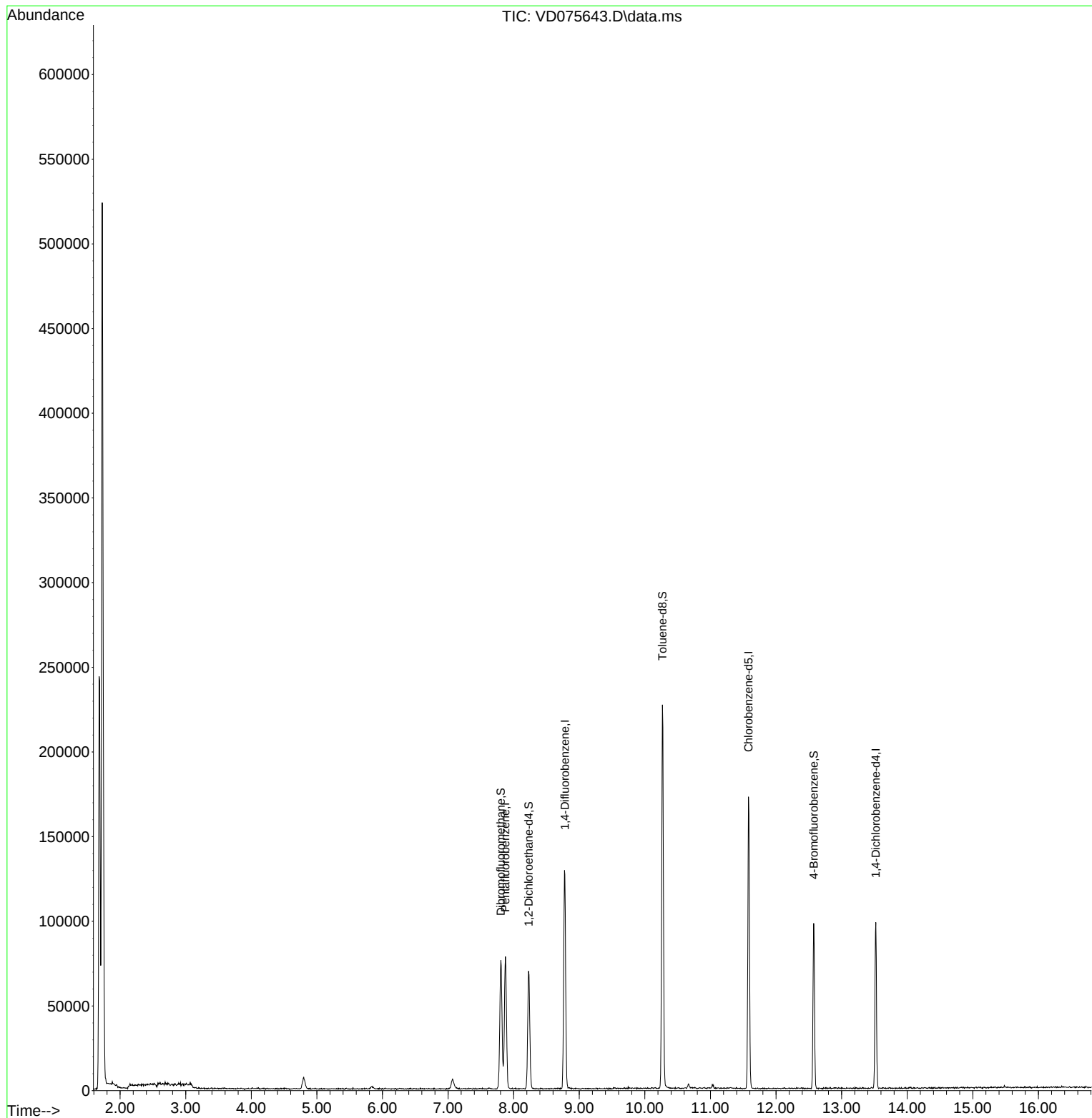
Target Compounds	Qvalue

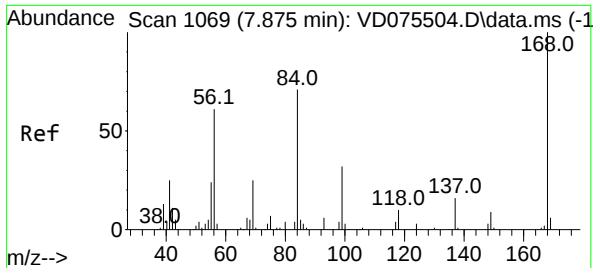
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075643.D
Acq On : 12 Apr 2023 16:47
Operator : KP/SY
Sample : 02266-01RE
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1960-1970RE

Quant Time: Apr 13 07:29:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 2023
Response via : Initial Calibration

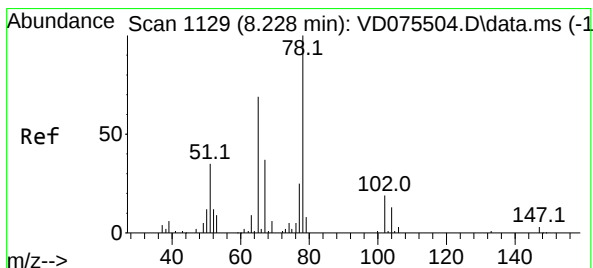
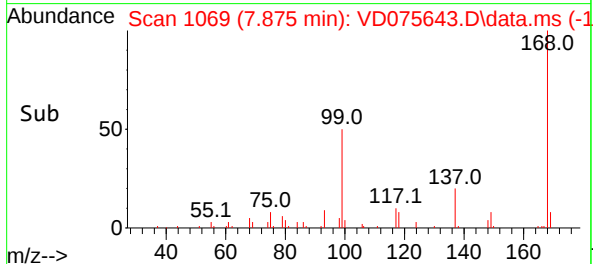
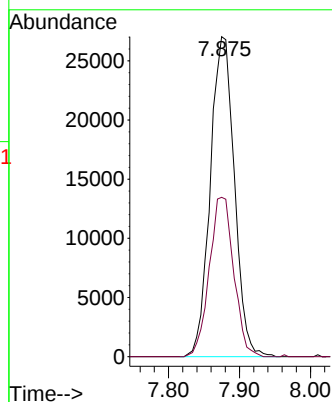
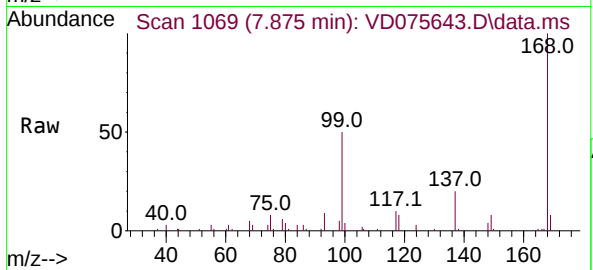




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

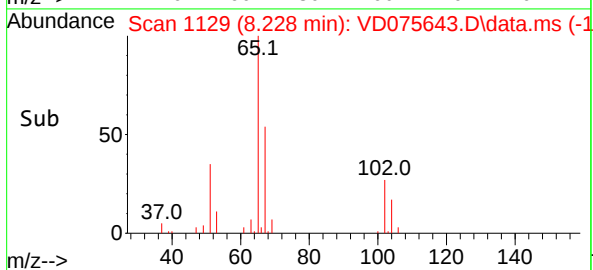
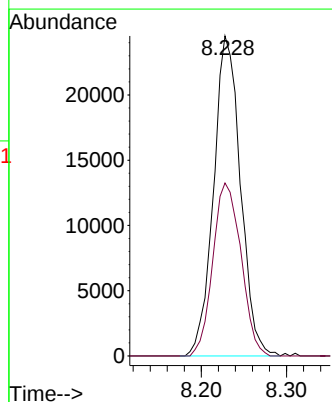
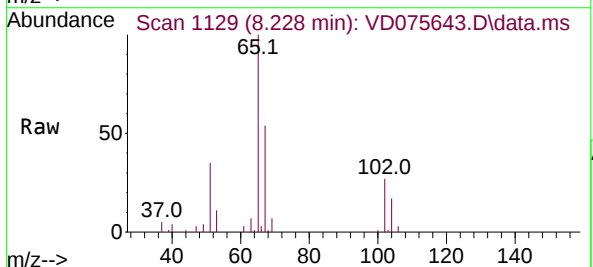
Instrument :
MSVOA_D
ClientSampleId :
1960-1970RE

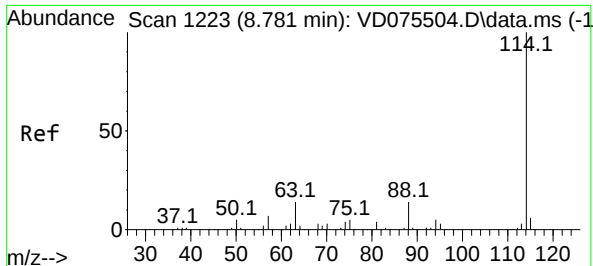
Tgt Ion:168 Resp: 63775
Ion Ratio Lower Upper
168 100
99 49.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 102.728 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

Tgt Ion: 65 Resp: 53745
Ion Ratio Lower Upper
65 100
67 56.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075643.D

Acq: 12 Apr 2023 16:47

Instrument :

MSVOA_D

ClientSampleId :

1960-1970RE

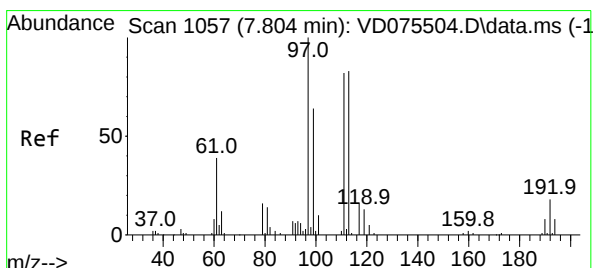
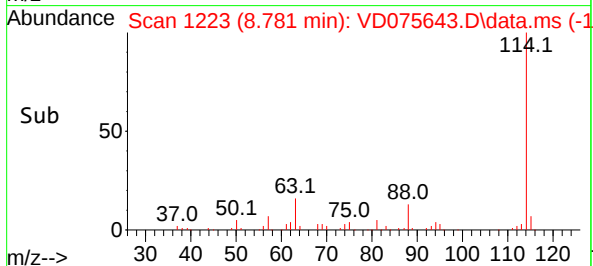
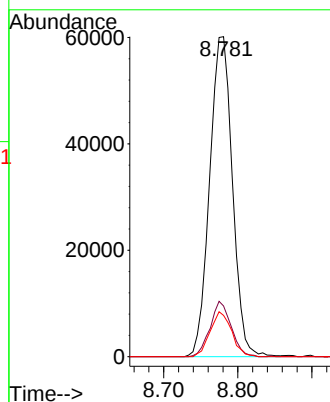
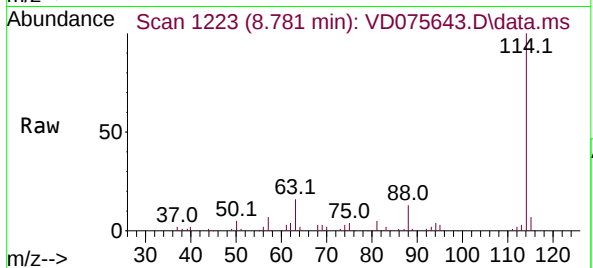
Tgt Ion:114 Resp: 128597

Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 12.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 74.208 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075643.D

Acq: 12 Apr 2023 16:47

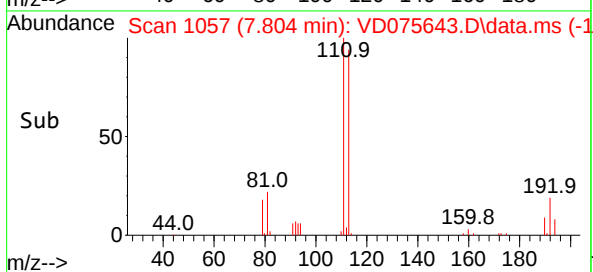
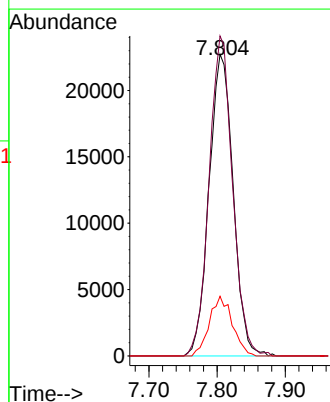
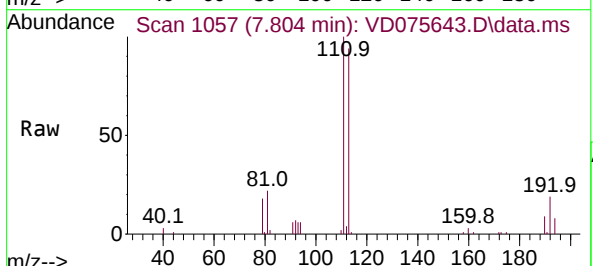
Tgt Ion:113 Resp: 55927

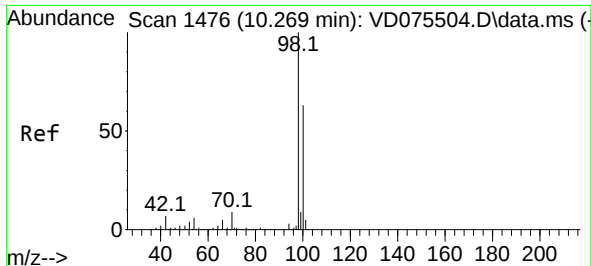
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 18.9 15.2 22.8

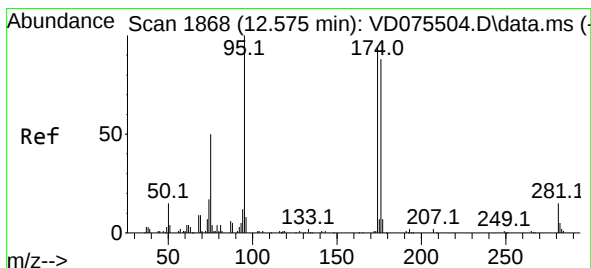
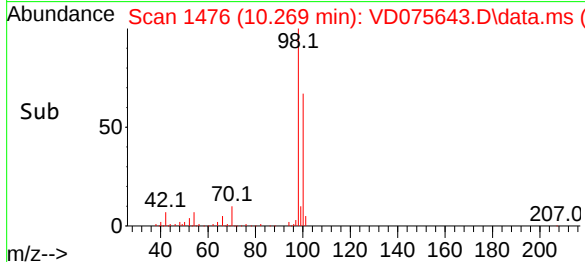
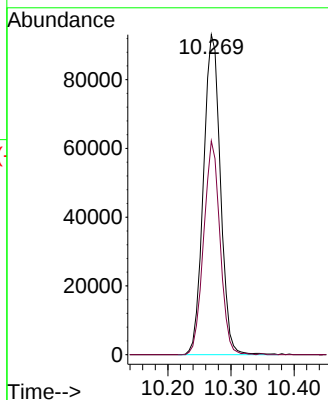
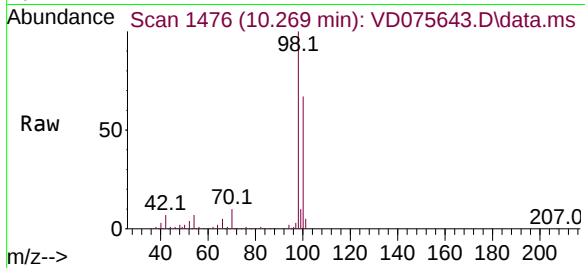




#50
Toluene-d8
Concen: 58.721 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

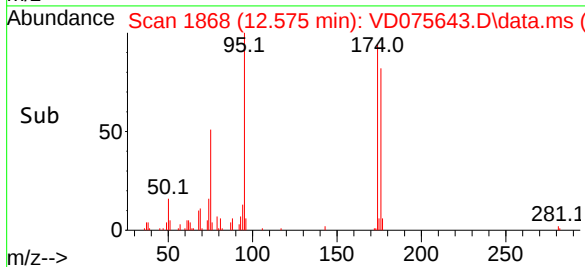
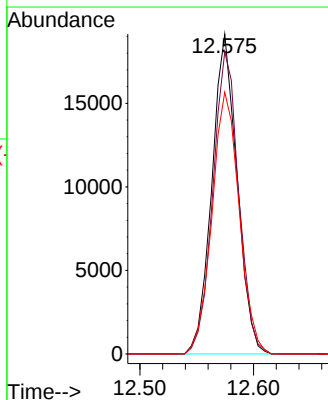
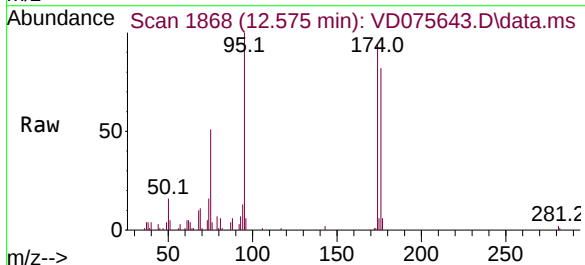
Instrument :
MSVOA_D
ClientSampleId :
1960-1970RE

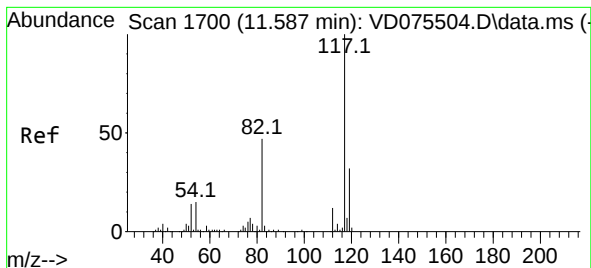
Tgt Ion: 98 Resp: 173585
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 33.935 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075643.D
Acq: 12 Apr 2023 16:47

Tgt Ion: 95 Resp: 29512
Ion Ratio Lower Upper
95 100
174 96.6 0.0 164.0
176 88.3 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075643.D

Acq: 12 Apr 2023 16:47

Instrument :

MSVOA_D

ClientSampleId :

1960-1970RE

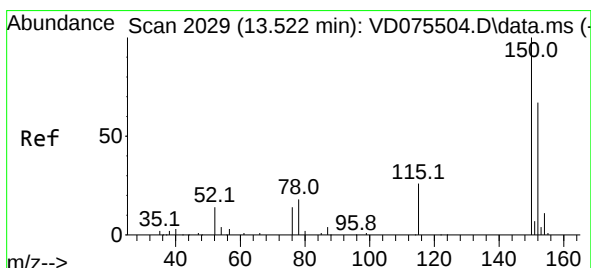
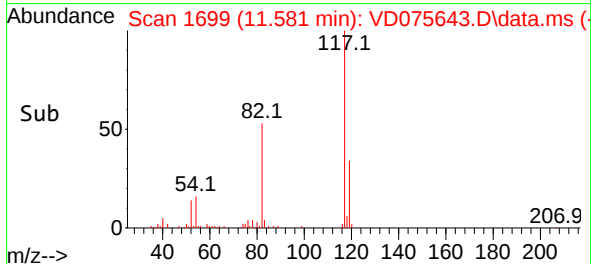
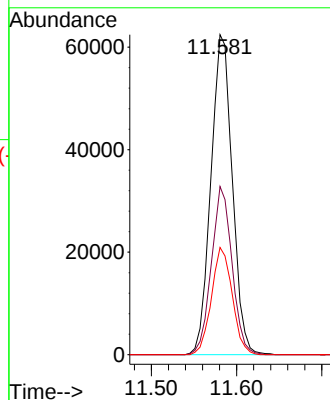
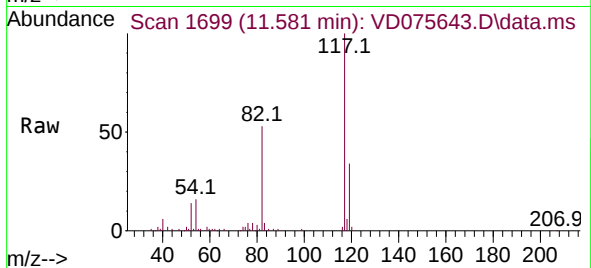
Tgt Ion:117 Resp: 108934

Ion Ratio Lower Upper

117 100

82 52.5 44.0 66.0

119 33.5 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075643.D

Acq: 12 Apr 2023 16:47

Tgt Ion:152 Resp: 28679

Ion Ratio Lower Upper

152 100

115 50.2 30.1 90.3

150 156.7 0.0 364.8

