

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078740.D
 Acq On : 22 Mar 2024 14:01
 Operator : RP/MD
 Sample : P1827-02
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

Quant Time: Mar 22 23:20:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	6630	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	11880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5085	81.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.680%#
35) Dibromofluoromethane	7.811	113	4476	58.518	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.040%
50) Toluene-d8	10.269	98	12430	44.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.380%
62) 4-Bromofluorobenzene	12.575	95	3694	44.886	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.780%

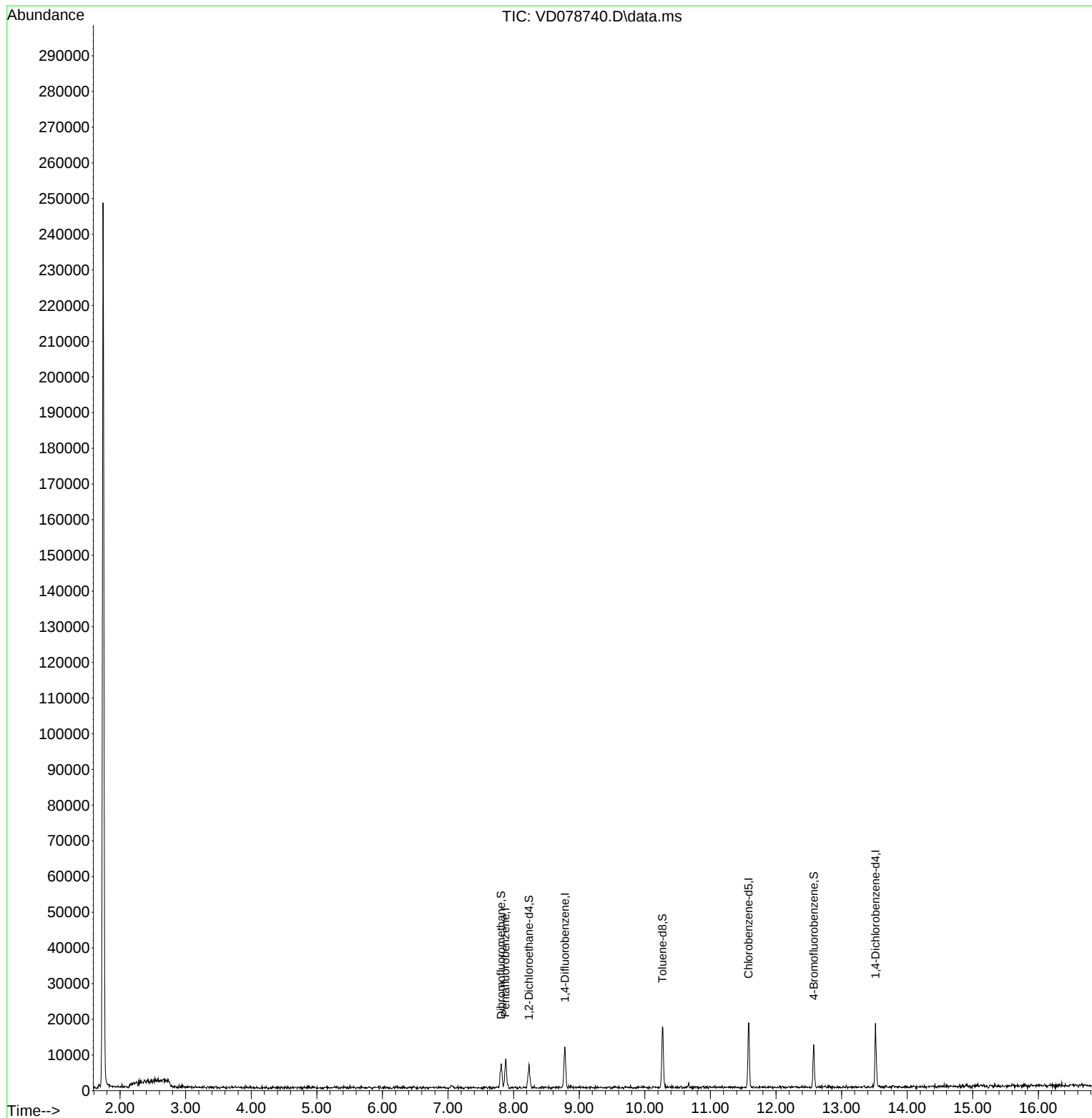
Target Compounds	Qvalue

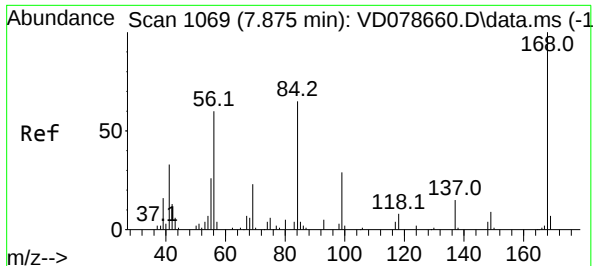
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
Data File : VD078740.D
Acq On : 22 Mar 2024 14:01
Operator : RP/MD
Sample : P1827-02
Misc : 5.01G/5ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11933

Quant Time: Mar 22 23:20:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

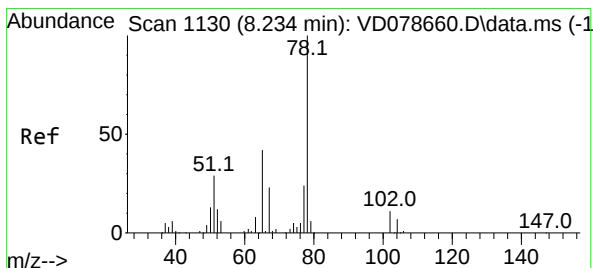
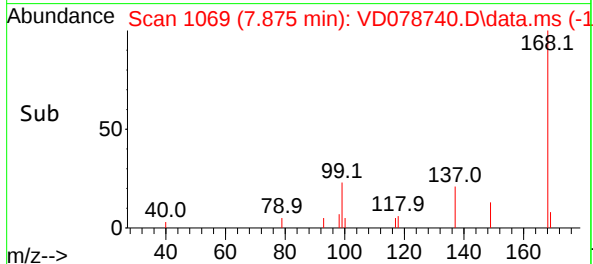
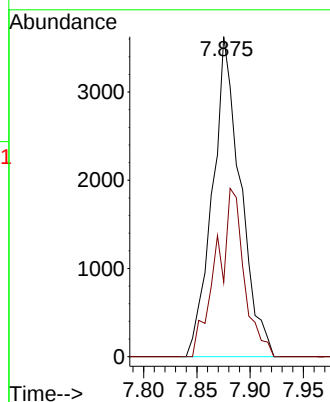
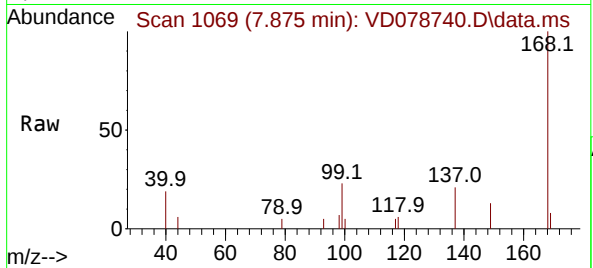




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078740.D
Acq: 22 Mar 2024 14:01

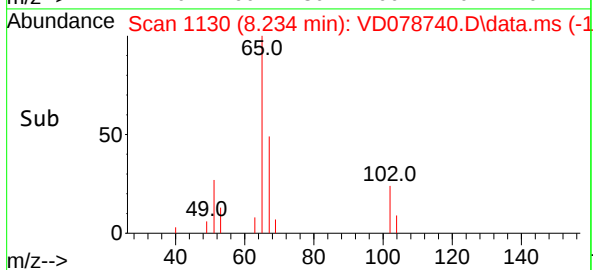
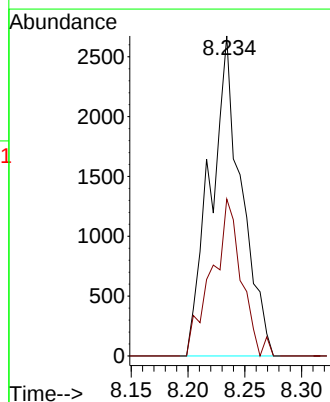
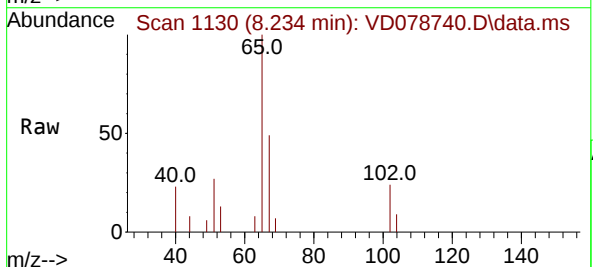
Instrument :
MSVOA_D
ClientSampleId :
72-11933

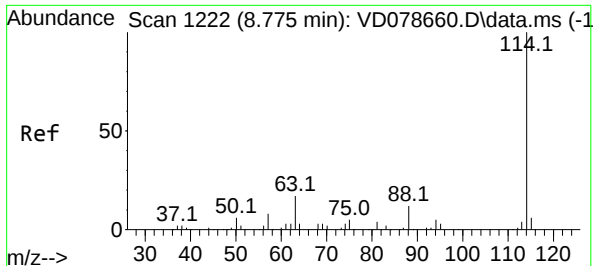
Tgt Ion:168 Resp: 6630
Ion Ratio Lower Upper
168 100
99 23.2 38.8 58.2#



#33
1,2-Dichloroethane-d4
Concen: 81.839 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078740.D
Acq: 22 Mar 2024 14:01

Tgt Ion: 65 Resp: 5085
Ion Ratio Lower Upper
65 100
67 46.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078740.D

Acq: 22 Mar 2024 14:01

Instrument :

MSVOA_D

ClientSampleId :

72-11933

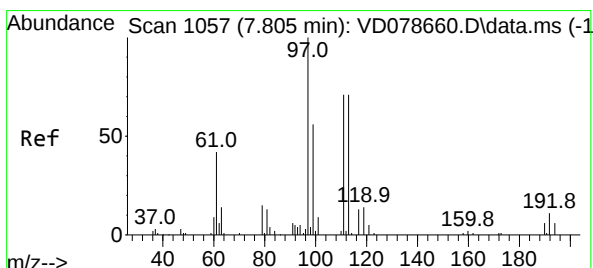
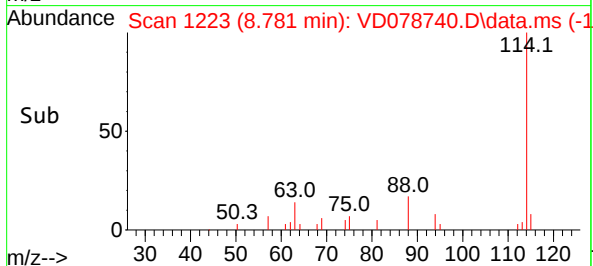
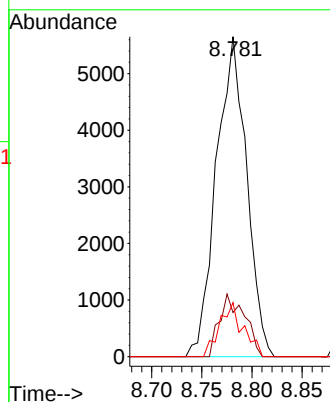
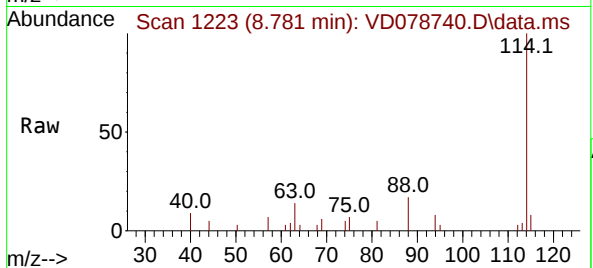
Tgt Ion:114 Resp: 11880

Ion Ratio Lower Upper

114 100

63 13.8 0.0 33.4

88 16.9 0.0 24.6



#35

Dibromofluoromethane

Concen: 58.518 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078740.D

Acq: 22 Mar 2024 14:01

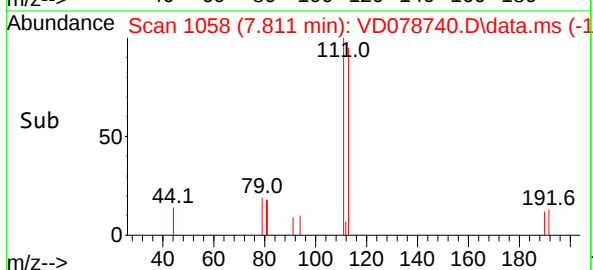
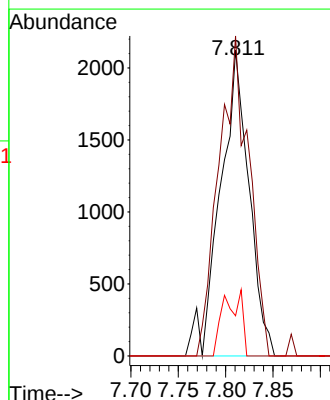
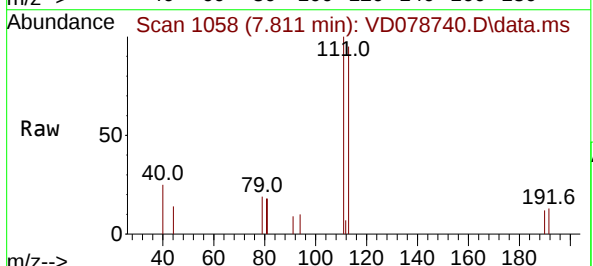
Tgt Ion:113 Resp: 4476

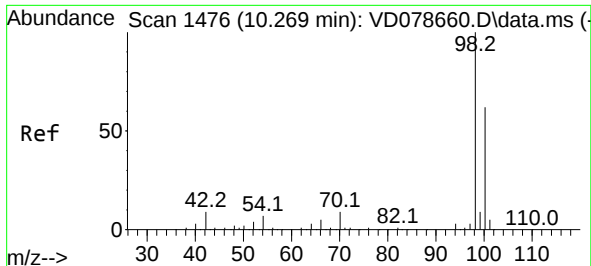
Ion Ratio Lower Upper

113 100

111 109.0 81.9 122.9

192 13.6 15.4 23.0#

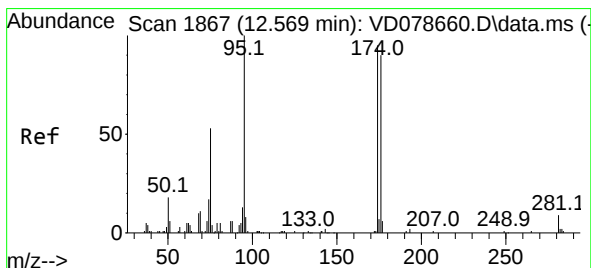
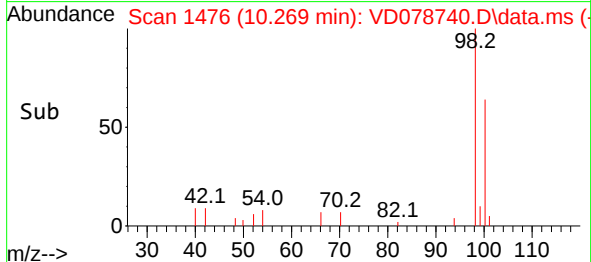
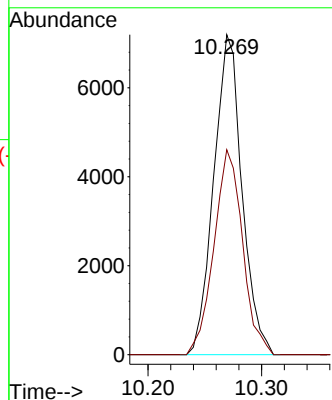
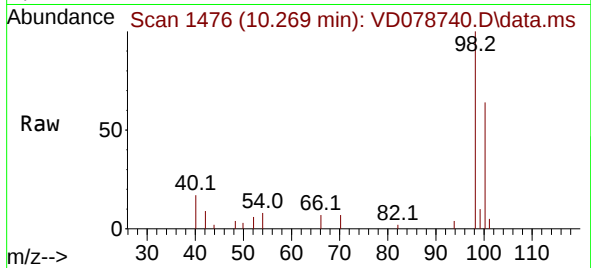




#50
Toluene-d8
Concen: 44.187 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078740.D
Acq: 22 Mar 2024 14:01

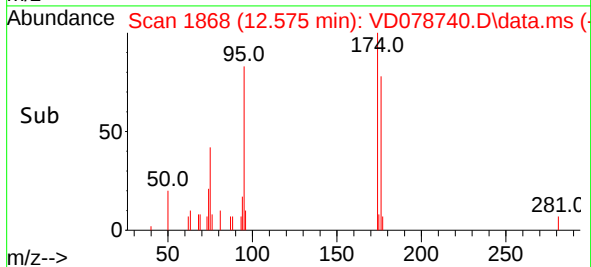
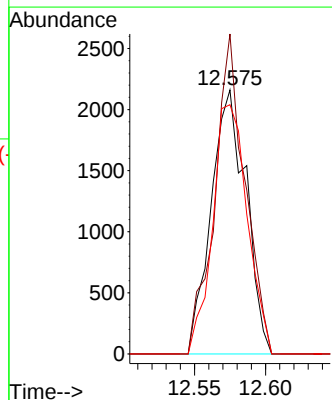
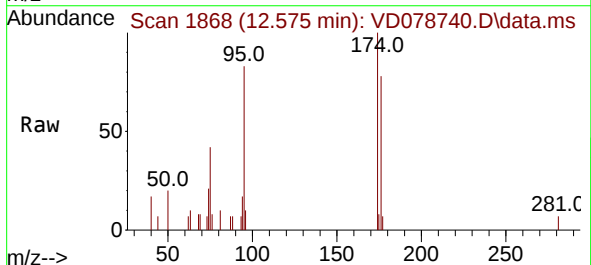
Instrument :
MSVOA_D
ClientSampleId :
72-11933

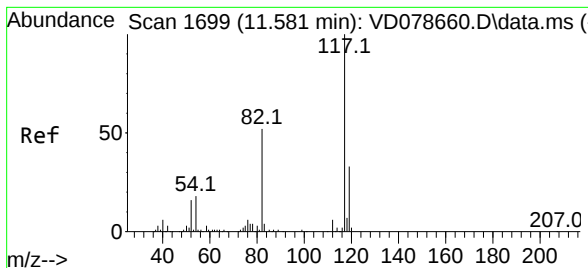
Tgt Ion: 98 Resp: 12430
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.886 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078740.D
Acq: 22 Mar 2024 14:01

Tgt Ion: 95 Resp: 3694
Ion Ratio Lower Upper
95 100
174 104.9 0.0 195.2
176 93.9 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VD078740.D

Acq: 22 Mar 2024 14:01

Instrument :

MSVOA_D

ClientSampleId :

72-11933

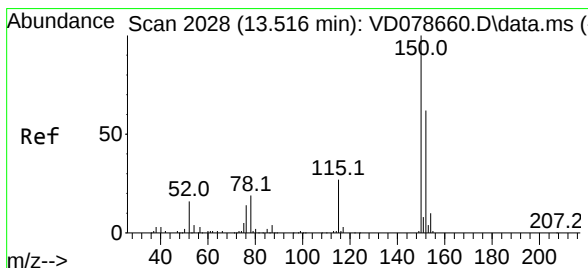
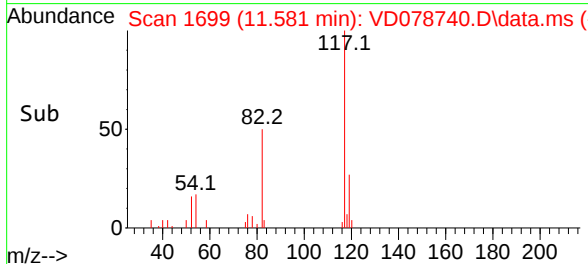
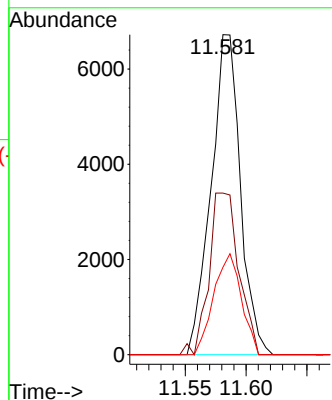
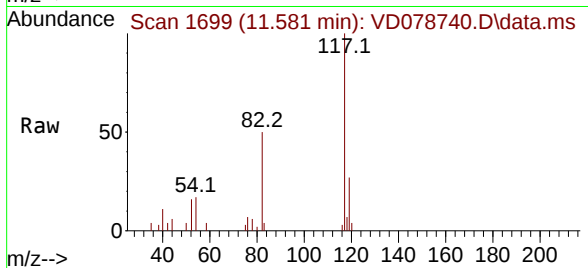
Tgt Ion:117 Resp: 11254

Ion Ratio Lower Upper

117 100

82 50.5 41.4 62.2

119 27.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078740.D

Acq: 22 Mar 2024 14:01

Tgt Ion:152 Resp: 5401

Ion Ratio Lower Upper

152 100

115 50.5 27.1 81.2

150 141.0 0.0 350.2

