

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016585.D
 Acq On : 04 Dec 2023 18:30
 Operator : SY/MD
 Sample : 05538-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-112223

Quant Time: Dec 05 01:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	88562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	145106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	135283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	58170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55589	67.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.820%
35) Dibromofluoromethane	7.740	113	47425	54.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.620%
50) Toluene-d8	10.197	98	167935	50.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.496	95	54423	50.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.200%

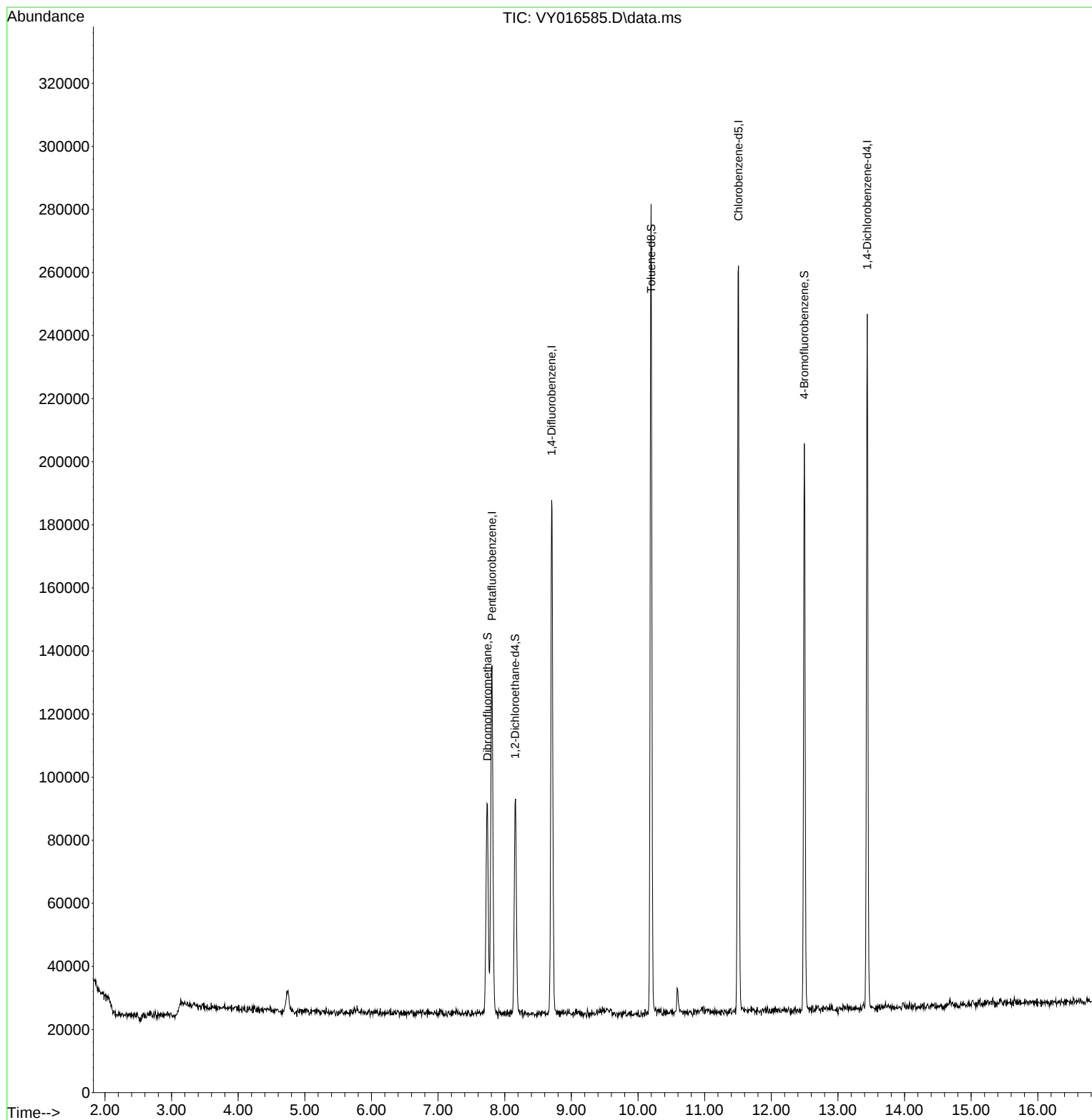
Target Compounds	Qvalue

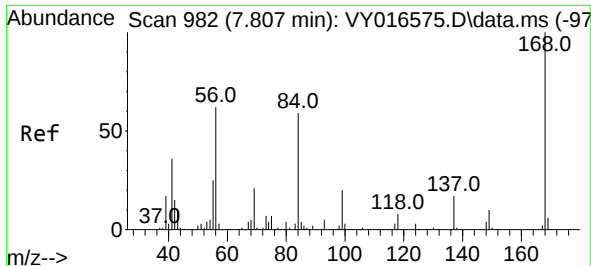
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
Data File : VY016585.D
Acq On : 04 Dec 2023 18:30
Operator : SY/MD
Sample : 05538-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-112223

Quant Time: Dec 05 01:31:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration

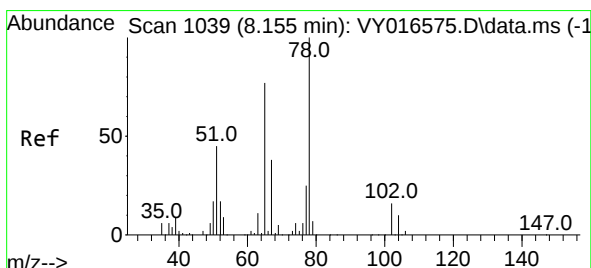
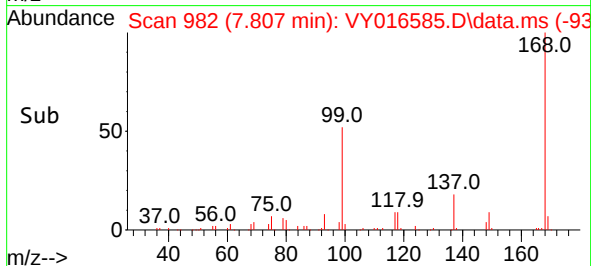
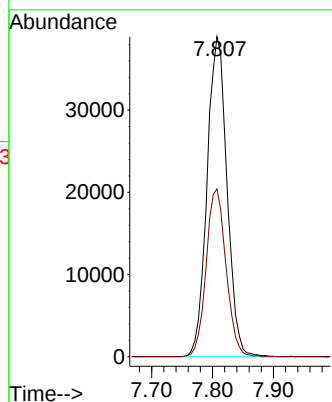
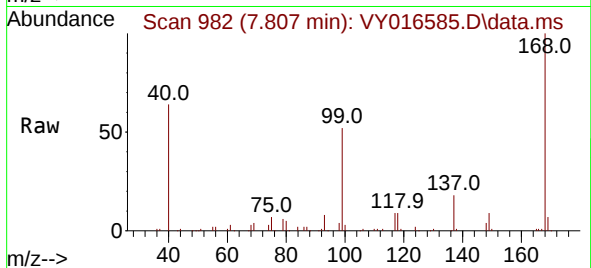




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

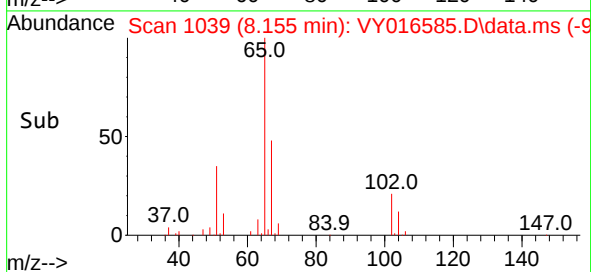
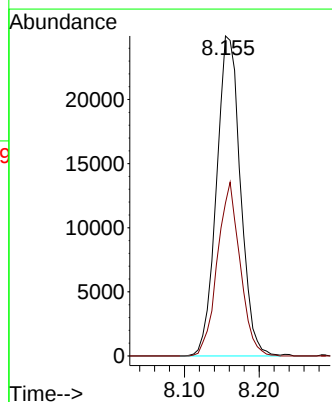
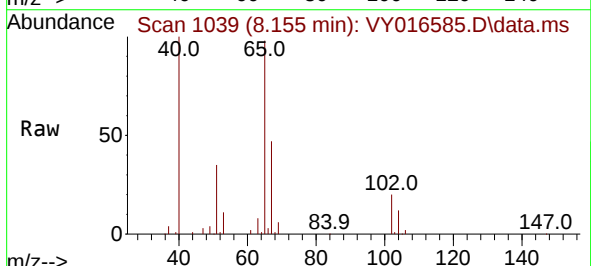
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-112223

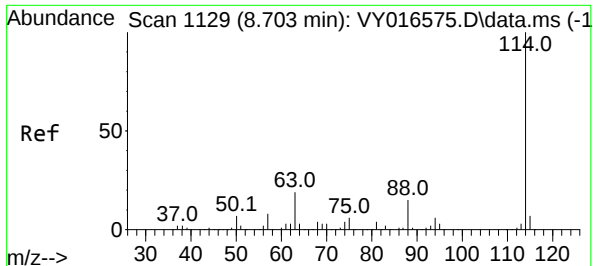
Tgt Ion:168 Resp: 88562
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 67.912 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

Tgt Ion: 65 Resp: 55589
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-112223

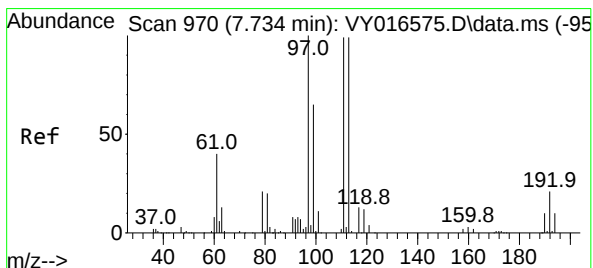
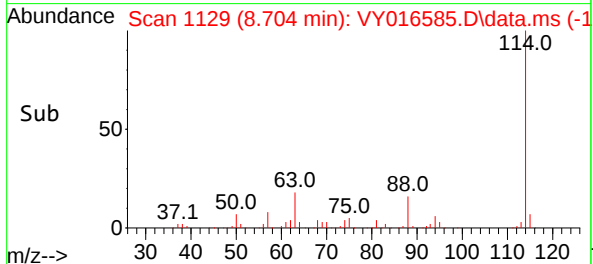
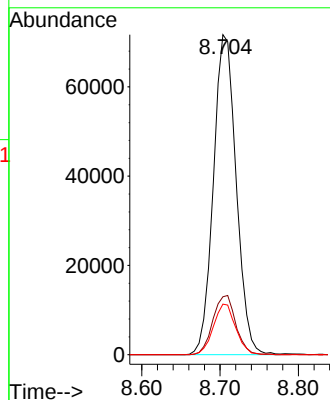
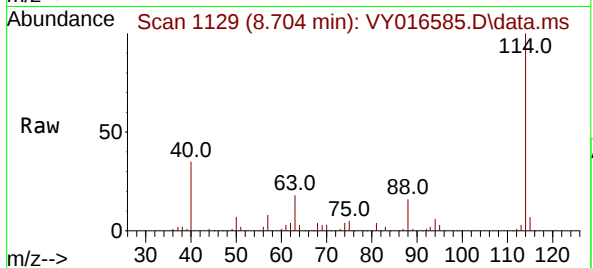
Tgt Ion:114 Resp: 145106

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.309 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

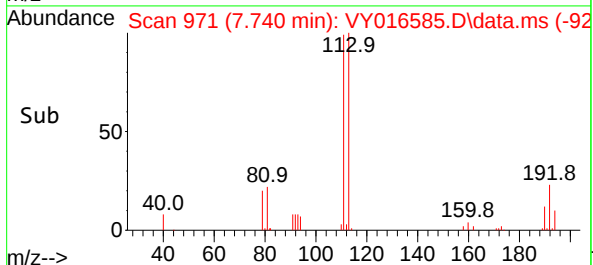
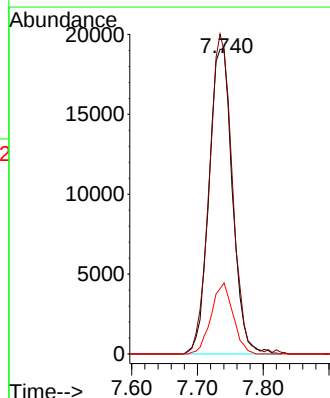
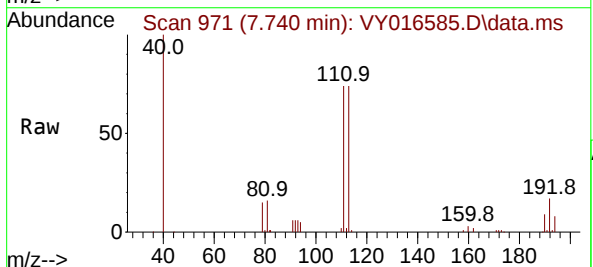
Tgt Ion:113 Resp: 47425

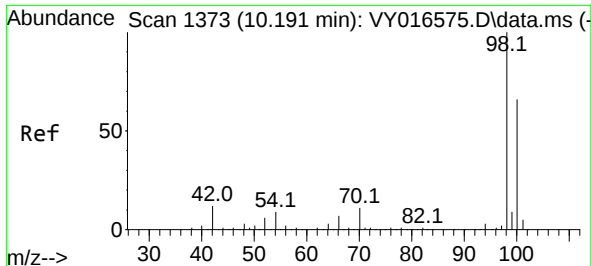
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 21.7 16.9 25.3

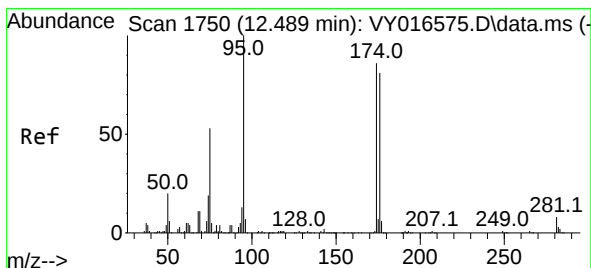
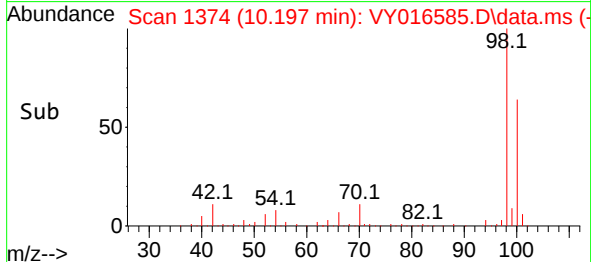
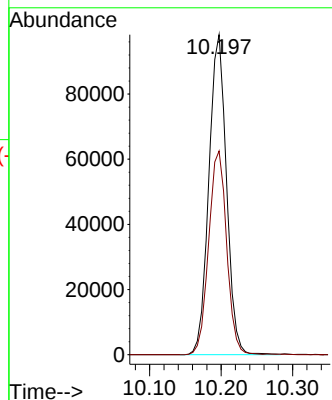
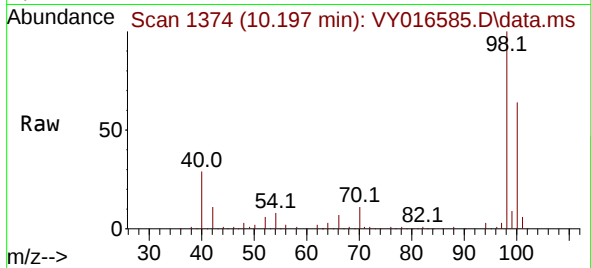




#50
Toluene-d8
Concen: 50.841 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

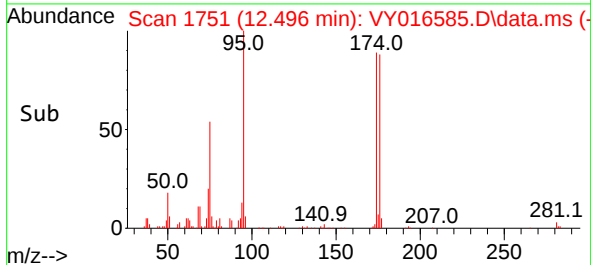
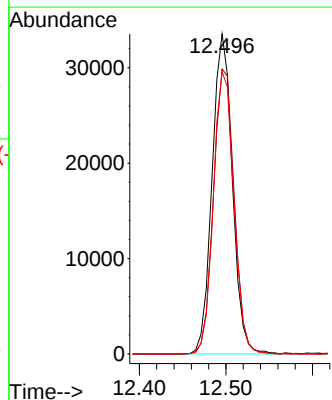
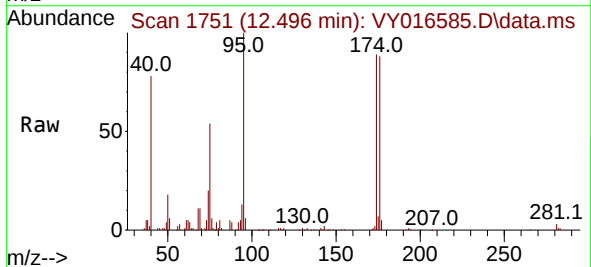
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-112223

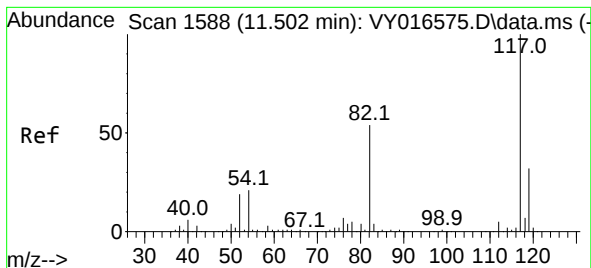
Tgt Ion: 98 Resp: 167935
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.102 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016585.D
Acq: 04 Dec 2023 18:30

Tgt Ion: 95 Resp: 54423
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 89.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-112223

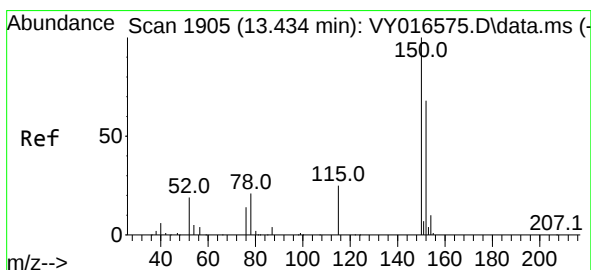
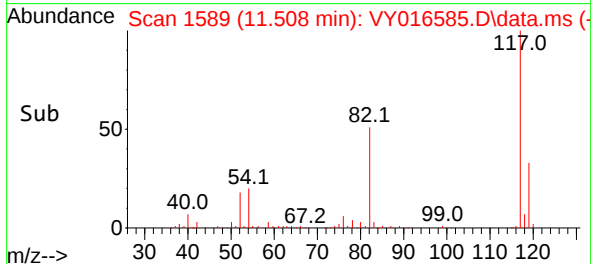
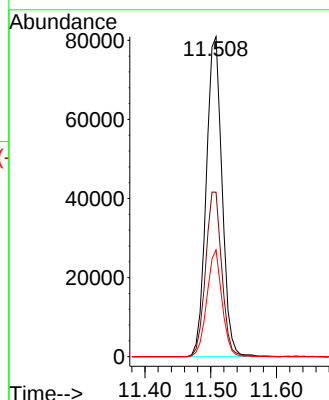
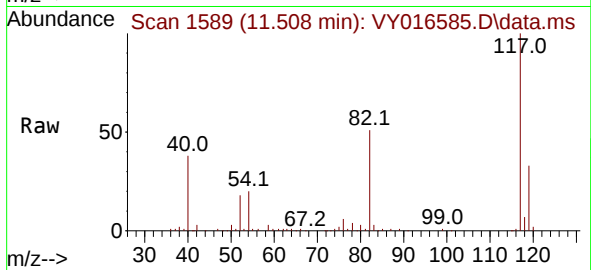
Tgt Ion:117 Resp: 135283

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 33.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016585.D

Acq: 04 Dec 2023 18:30

Tgt Ion:152 Resp: 58170

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 160.6 0.0 348.8

