

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015467.D
 Acq On : 07 Sep 2023 15:03
 Operator : SY/MD
 Sample : 04310-01
 Misc : 7.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SCF

Quant Time: Sep 07 23:09:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	289608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	483067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	439897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	184347	59.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.760%
35) Dibromofluoromethane	7.703	113	153436	55.146	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.173	98	562402	55.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.640%
62) 4-Bromofluorobenzene	12.477	95	195940	52.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.760%

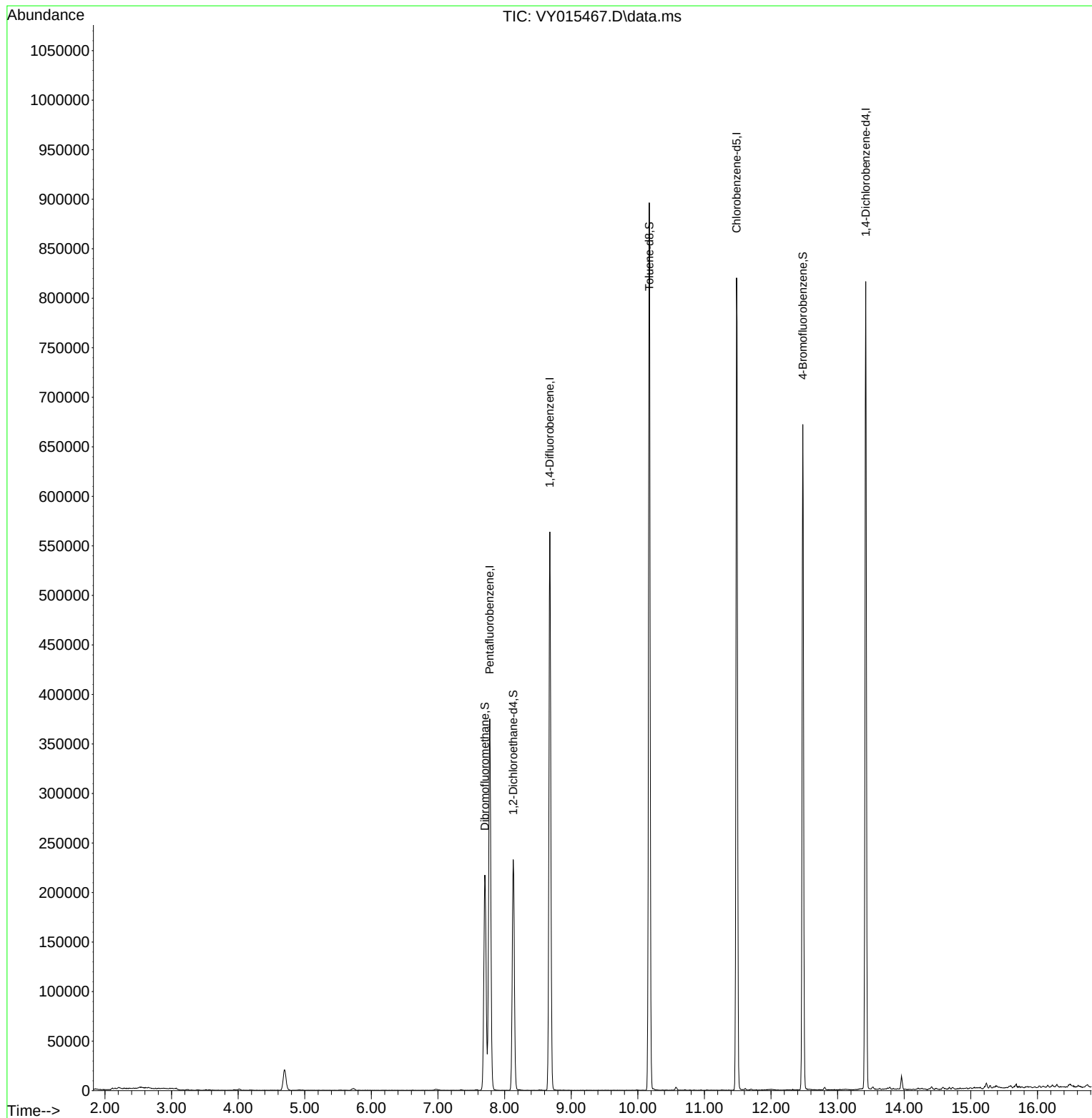
Target Compounds	Qvalue

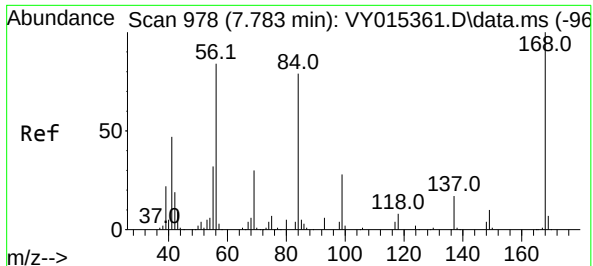
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
Data File : VY015467.D
Acq On : 07 Sep 2023 15:03
Operator : SY/MD
Sample : 04310-01
Misc : 7.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SCF

Quant Time: Sep 07 23:09:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

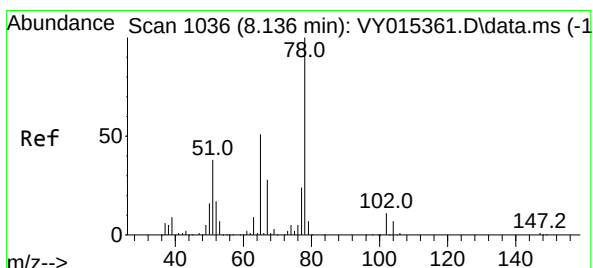
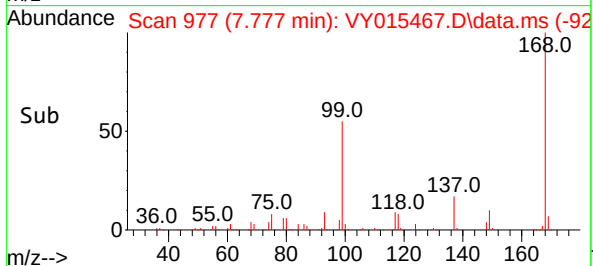
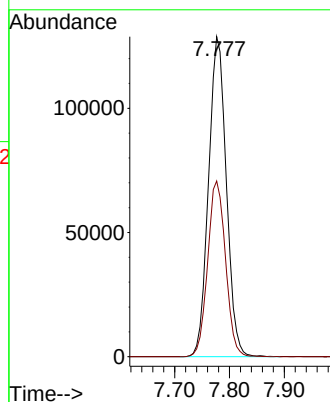
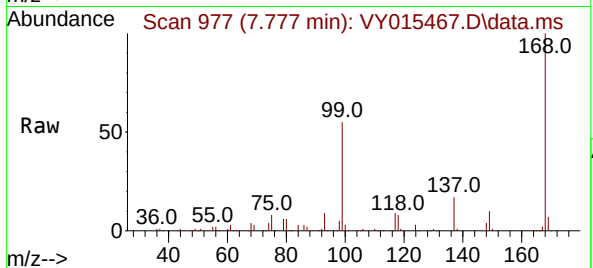




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

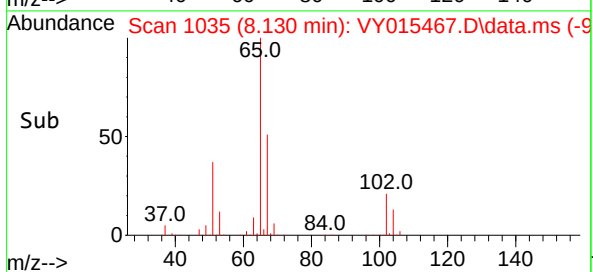
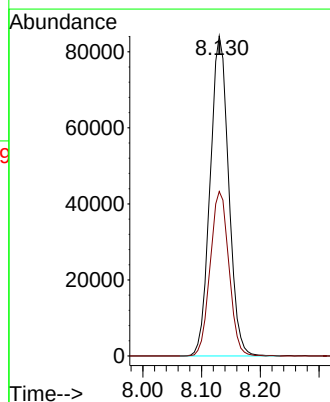
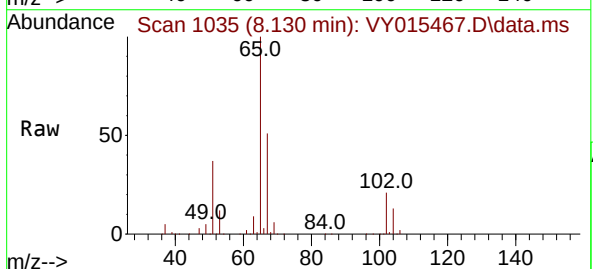
Instrument :
MSVOA_Y
ClientSampleId :
SCF

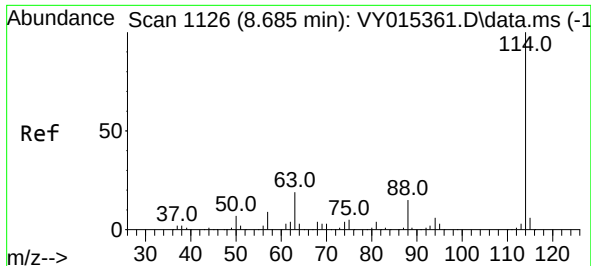
Tgt Ion:168 Resp: 289608
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.379 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

Tgt Ion: 65 Resp: 184347
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015467.D

Acq: 07 Sep 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

SCF

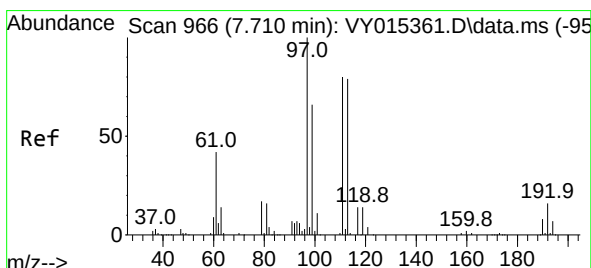
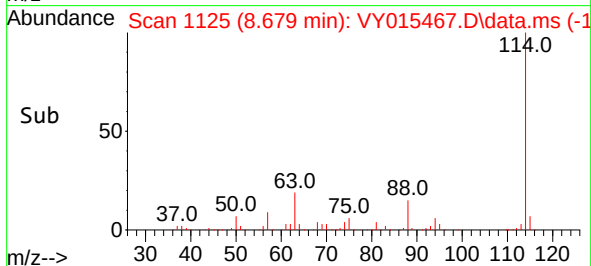
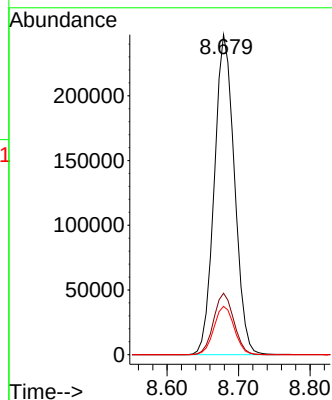
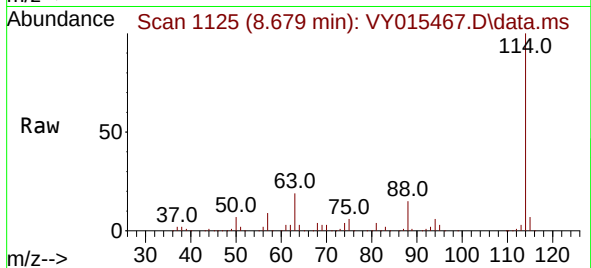
Tgt Ion:114 Resp: 483067

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.146 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY015467.D

Acq: 07 Sep 2023 15:03

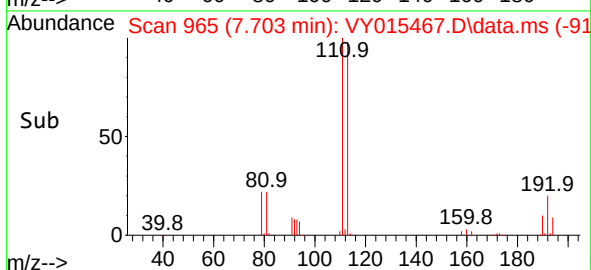
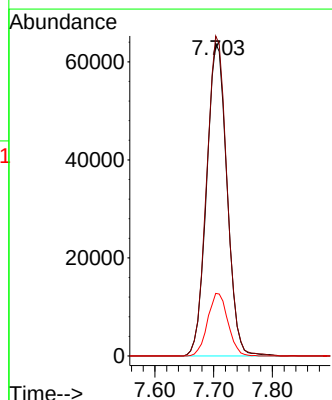
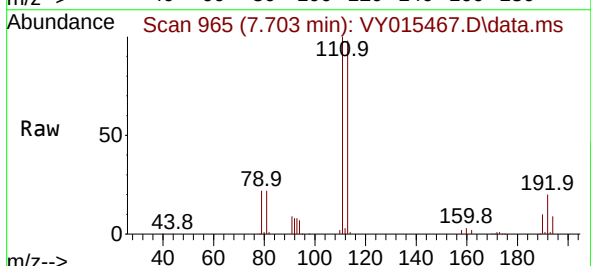
Tgt Ion:113 Resp: 153436

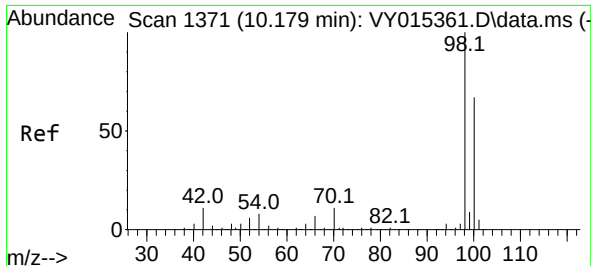
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 20.0 16.9 25.3

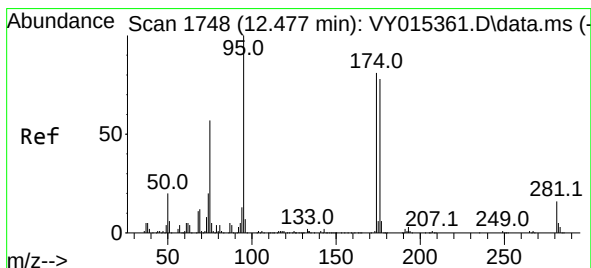
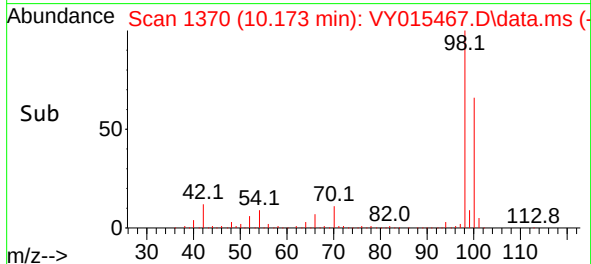
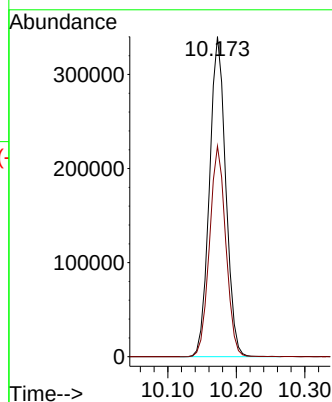
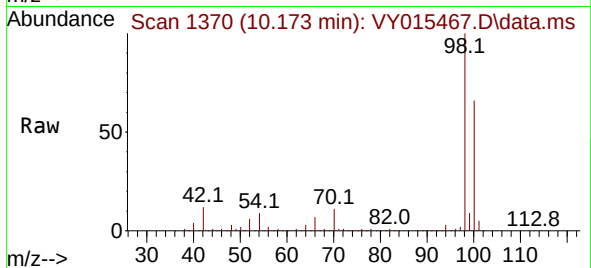




#50
Toluene-d8
Concen: 55.816 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

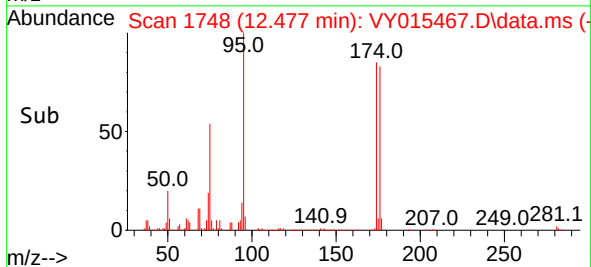
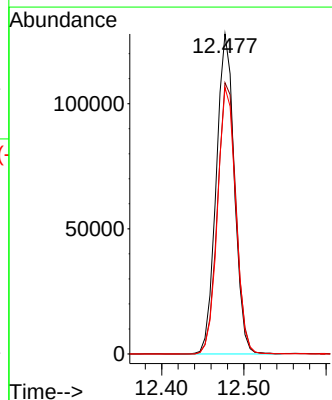
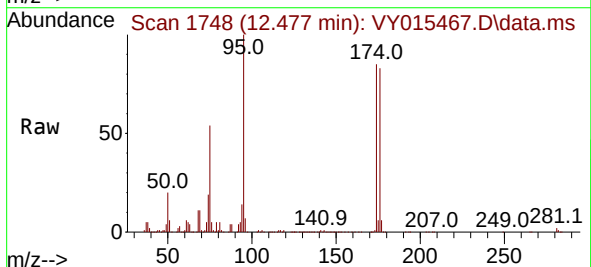
Instrument :
MSVOA_Y
ClientSampleId :
SCF

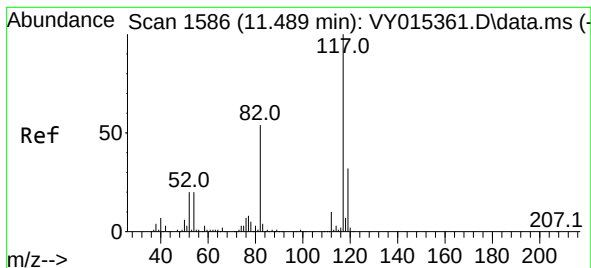
Tgt Ion: 98 Resp: 562402
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.382 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015467.D
Acq: 07 Sep 2023 15:03

Tgt Ion: 95 Resp: 195940
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015467.D

Acq: 07 Sep 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

SCF

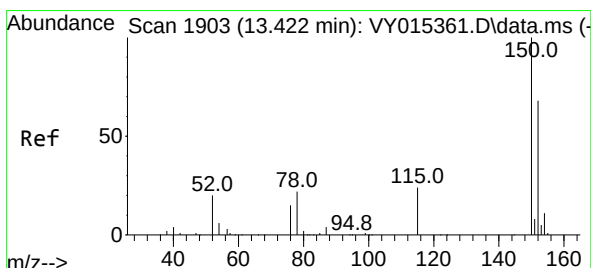
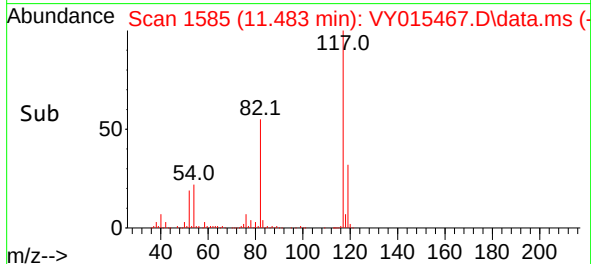
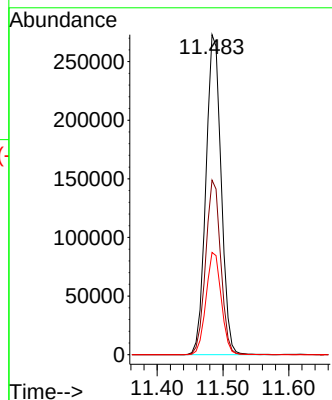
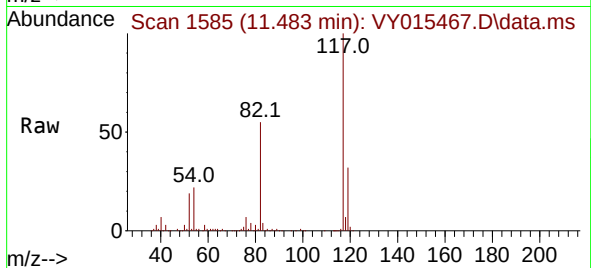
Tgt Ion:117 Resp: 439897

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015467.D

Acq: 07 Sep 2023 15:03

Tgt Ion:152 Resp: 204062

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 157.7 0.0 348.8

