

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016581.D
 Acq On : 04 Dec 2023 16:57
 Operator : SY/MD
 Sample : VY1204SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBL01

Quant Time: Dec 05 01:29:13 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	7.801	168	151383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	239300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	204815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67891	48.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.728	113	68787	47.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.191	98	270618	49.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.495	95	80299	44.826	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.660%

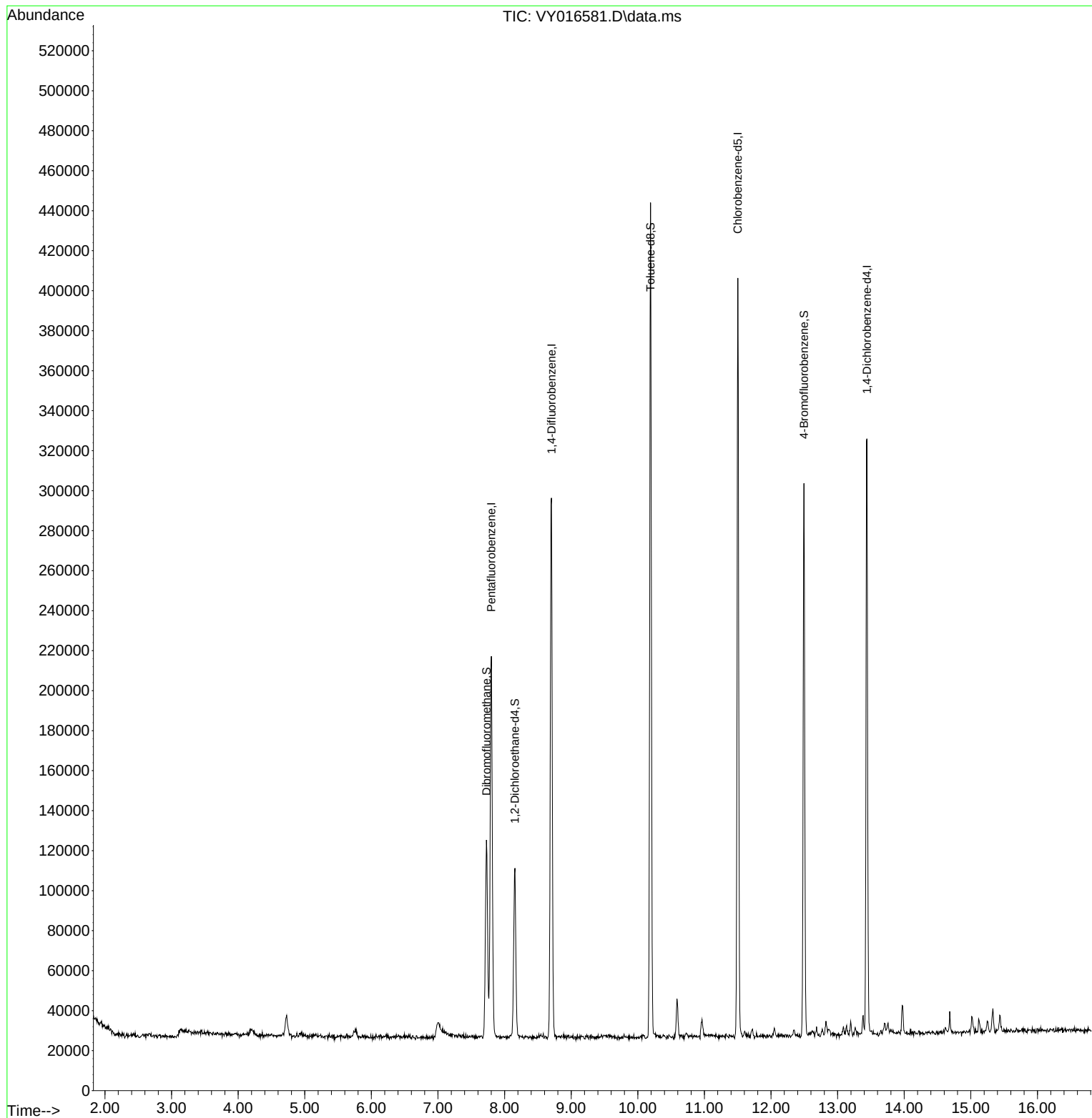
Target Compounds	Qvalue

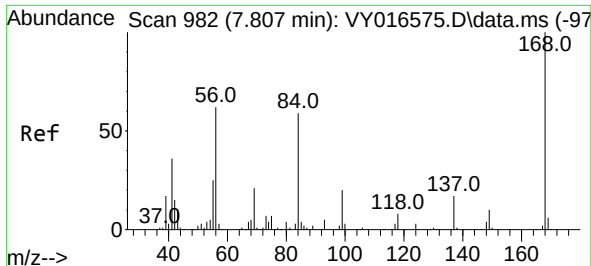
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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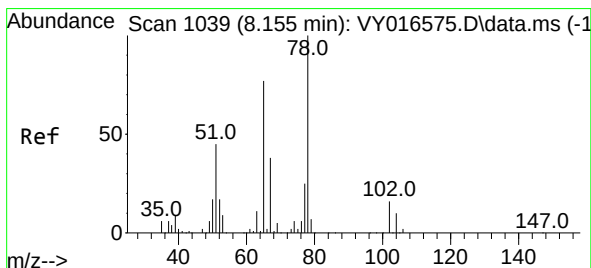
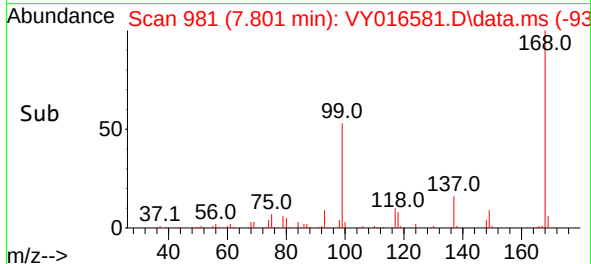
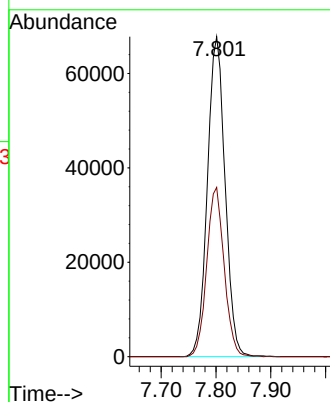
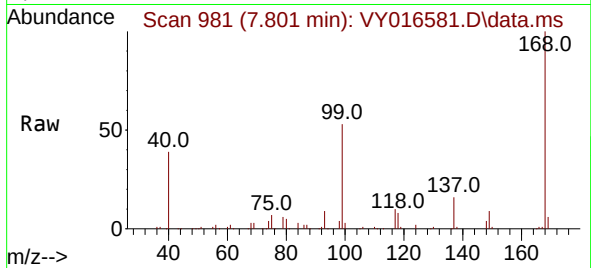




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016581.D
Acq: 04 Dec 2023 16:57

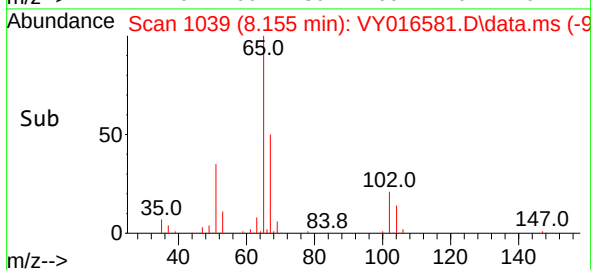
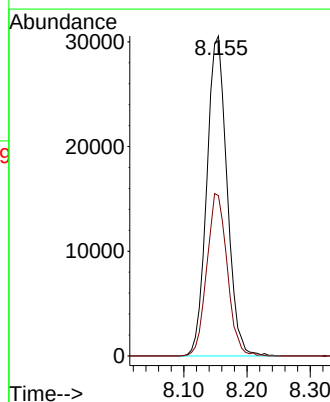
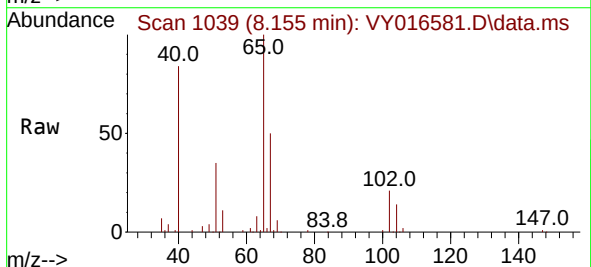
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

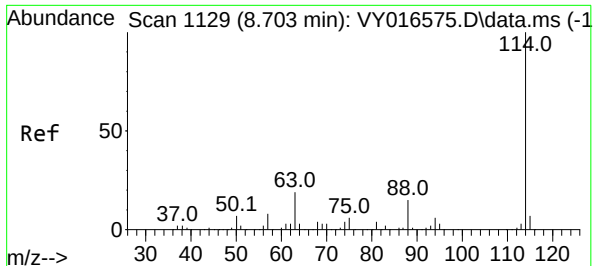
Tgt Ion:168 Resp: 151383
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.522 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016581.D
Acq: 04 Dec 2023 16:57

Tgt Ion: 65 Resp: 67891
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016581.D

Acq: 04 Dec 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBL01

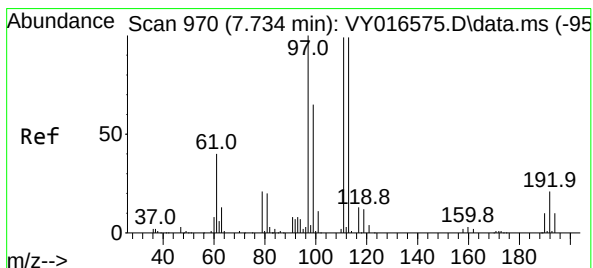
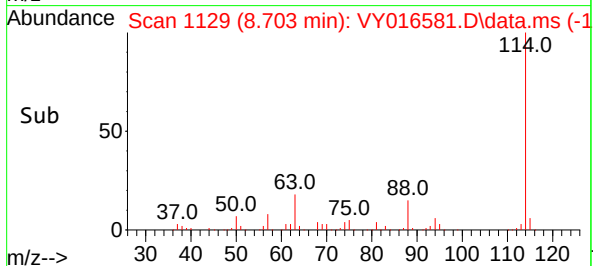
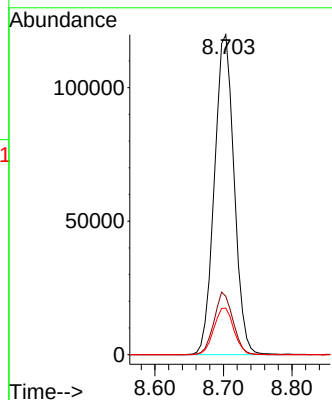
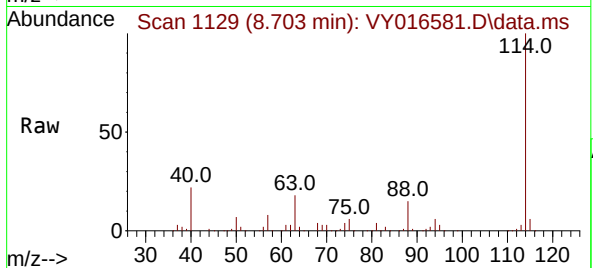
Tgt Ion:114 Resp: 239300

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.765 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016581.D

Acq: 04 Dec 2023 16:57

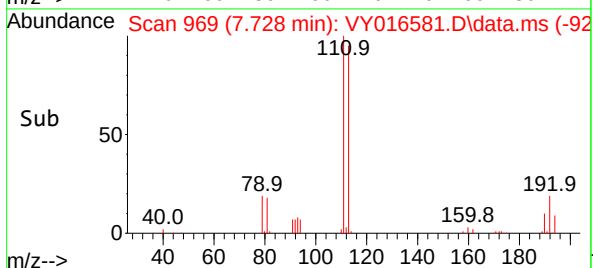
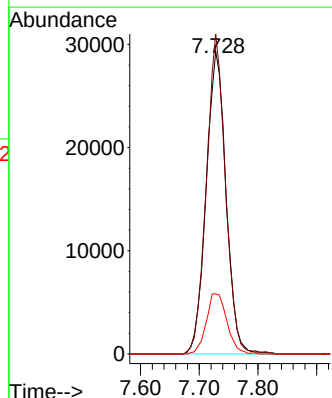
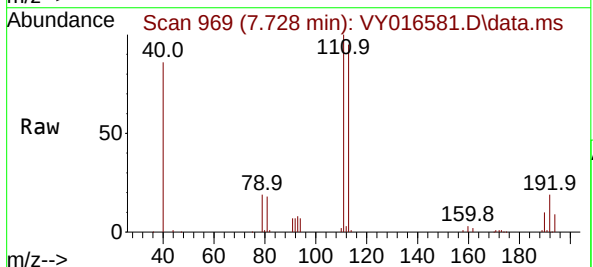
Tgt Ion:113 Resp: 68787

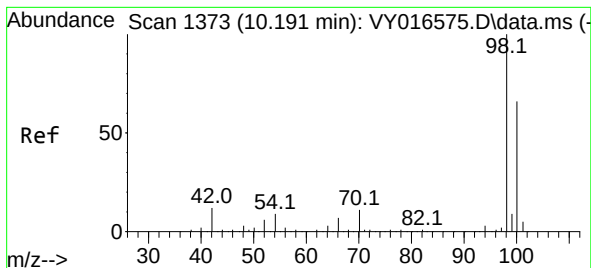
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 20.7 16.9 25.3





#50

Toluene-d8

Concen: 49.679 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016581.D

Acq: 04 Dec 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

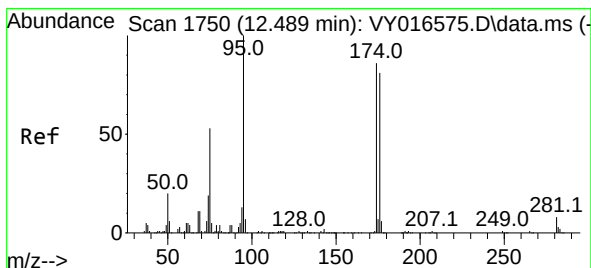
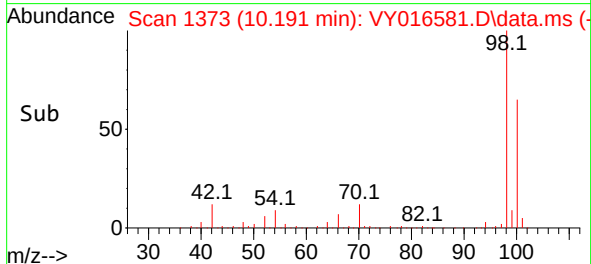
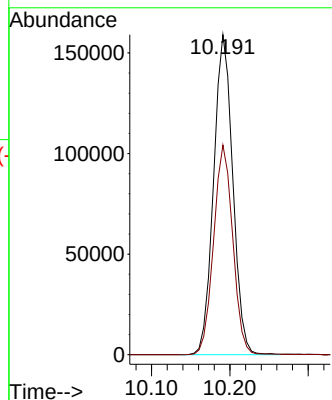
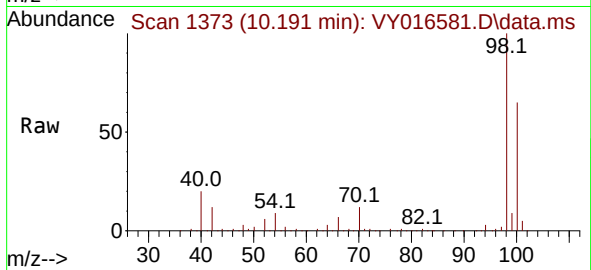
VY1204SBL01

Tgt Ion: 98 Resp: 270618

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.826 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016581.D

Acq: 04 Dec 2023 16:57

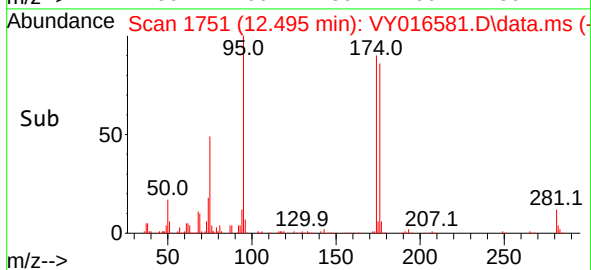
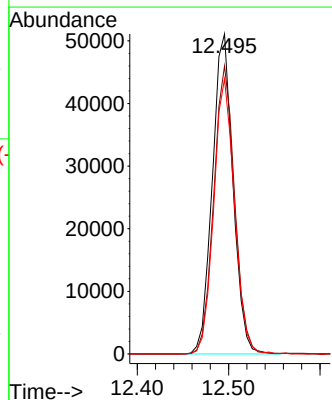
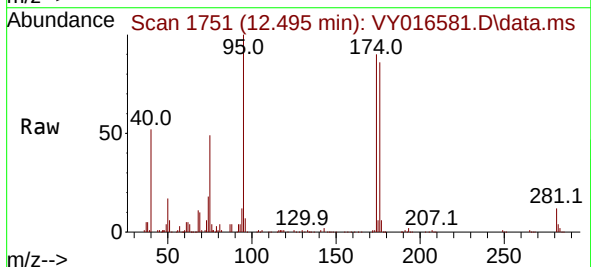
Tgt Ion: 95 Resp: 80299

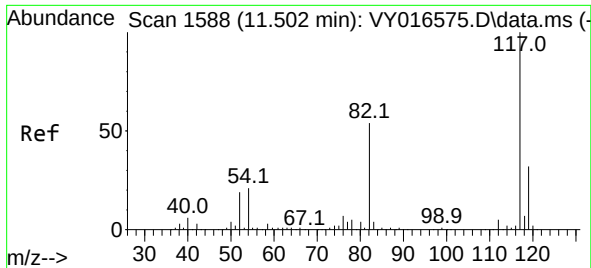
Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.2

176 86.3 0.0 173.8

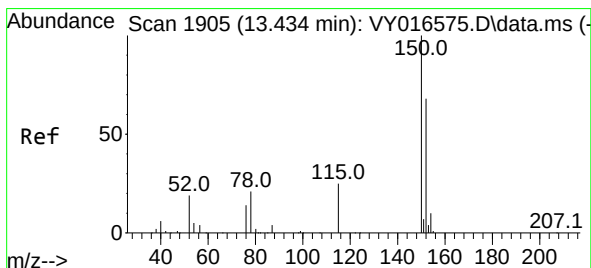
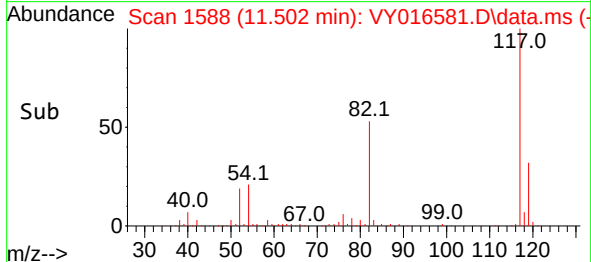
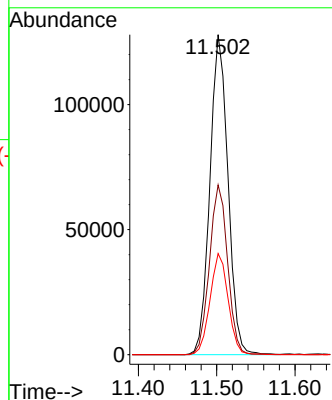
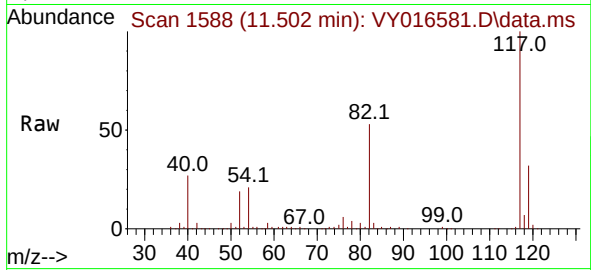




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016581.D
Acq: 04 Dec 2023 16:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

Tgt Ion:117 Resp: 204815
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016581.D
Acq: 04 Dec 2023 16:57

Tgt Ion:152 Resp: 81912
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 155.3 0.0 348.8

