

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017477.D
 Acq On : 26 Feb 2024 13:03
 Operator : SY/MD
 Sample : VY0226SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

Quant Time: Feb 27 01:50:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	130309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	189511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	67561	54.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.420%
35) Dibromofluoromethane	7.728	113	75563	48.692	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.191	98	276640	50.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.489	95	75287	44.151	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.300%

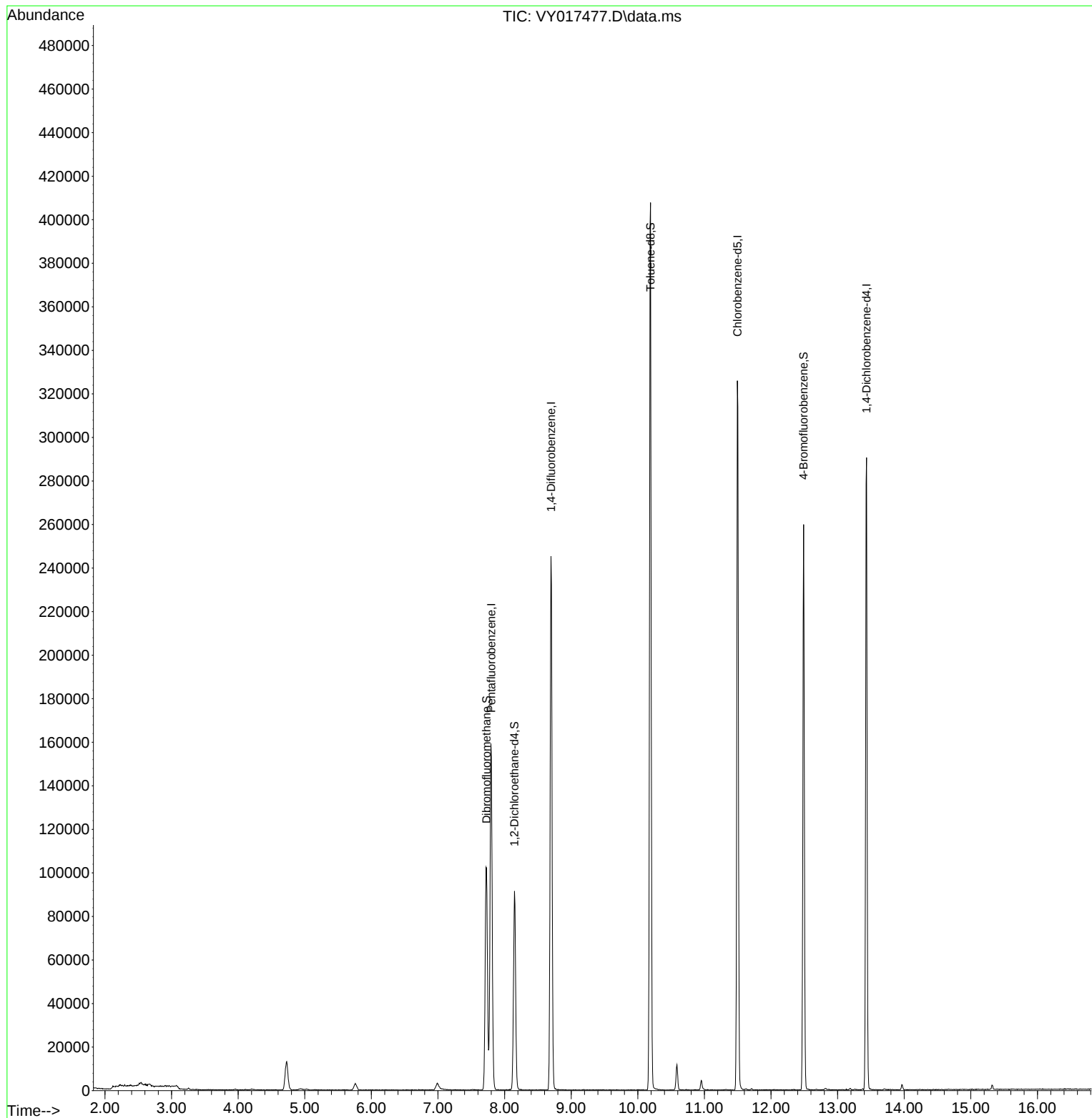
Target Compounds	Qvalue

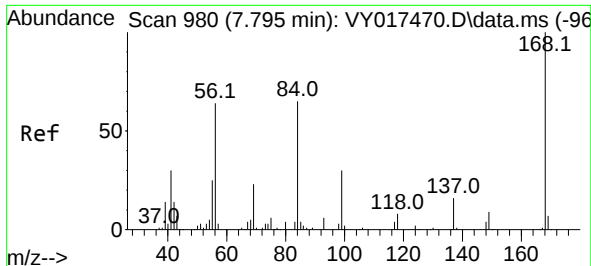
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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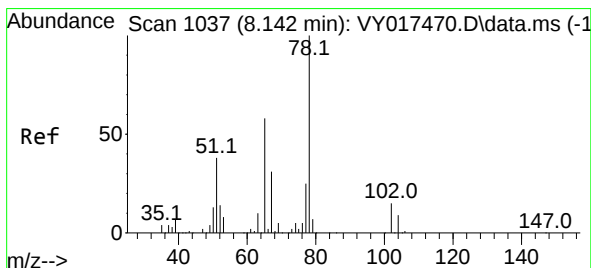
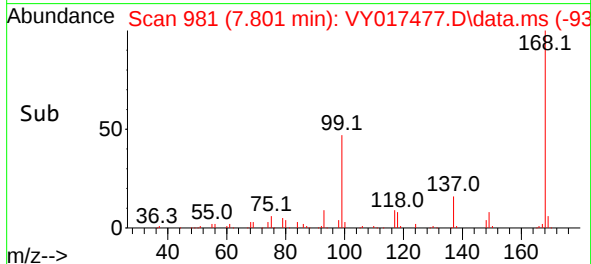
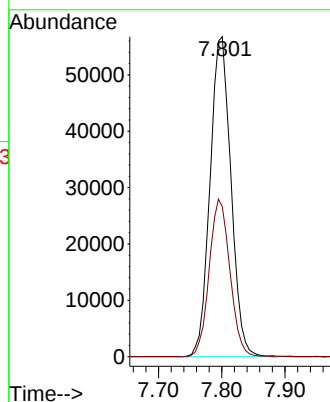
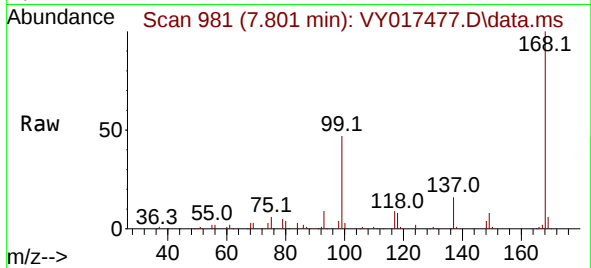




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

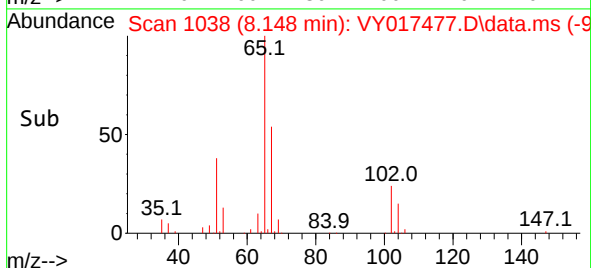
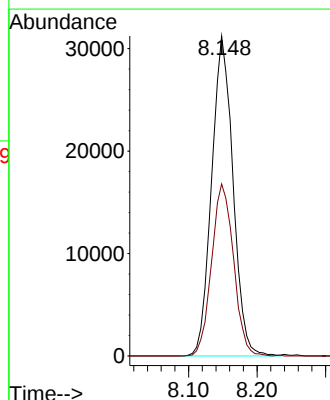
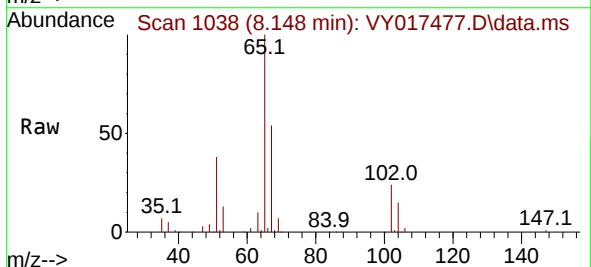
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

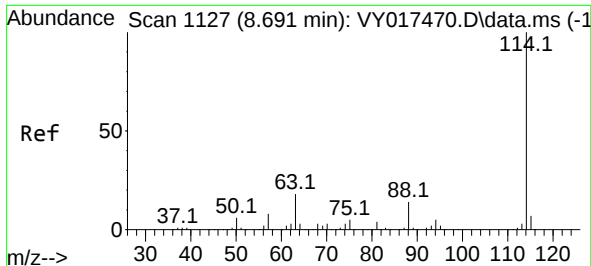
Tgt Ion:168 Resp: 130309
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.706 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 65 Resp: 67561
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017477.D

Acq: 26 Feb 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBL01

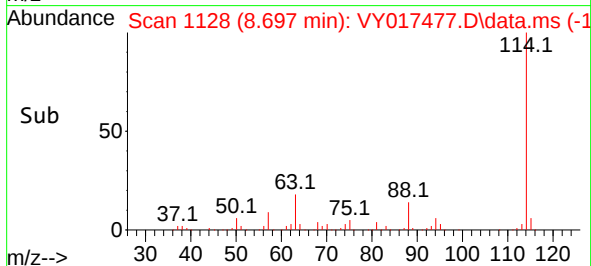
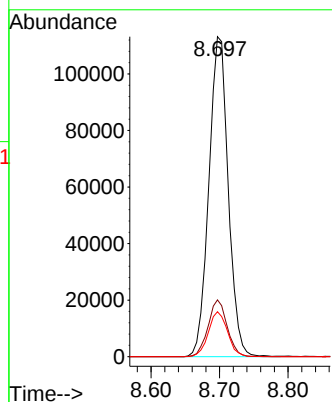
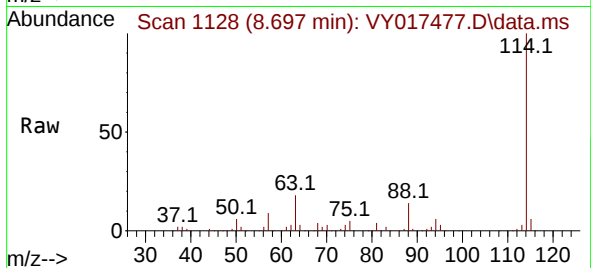
Tgt Ion:114 Resp: 222702

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.692 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017477.D

Acq: 26 Feb 2024 13:03

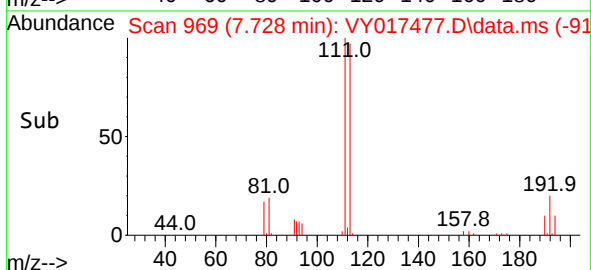
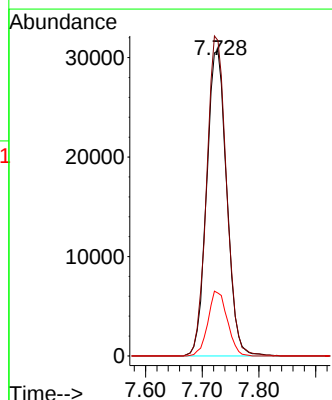
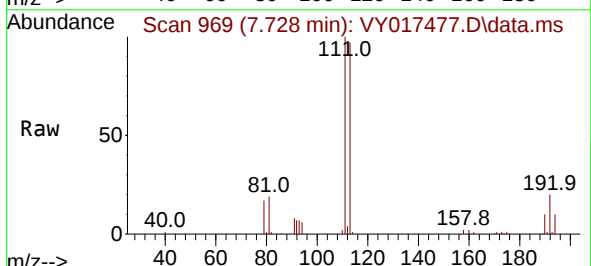
Tgt Ion:113 Resp: 75563

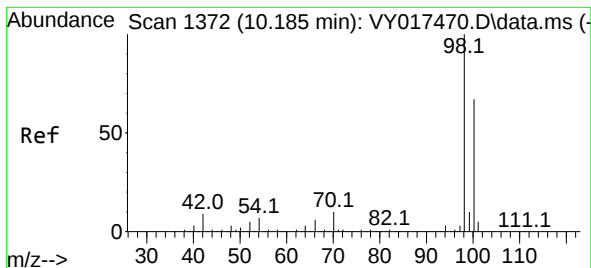
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.4 15.9 23.9





#50

Toluene-d8

Concen: 50.985 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017477.D

Acq: 26 Feb 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

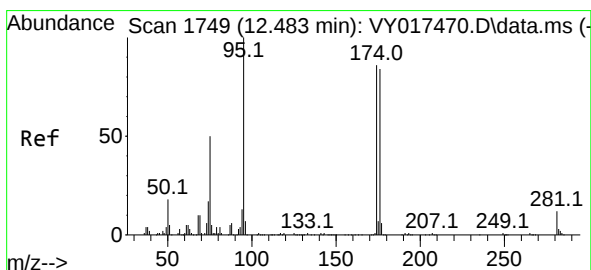
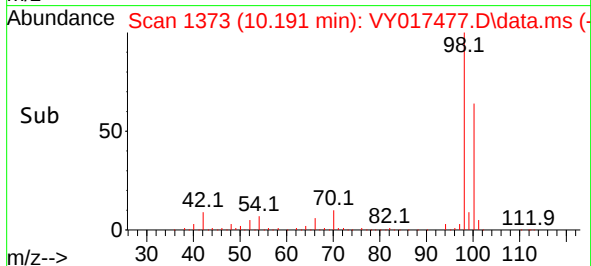
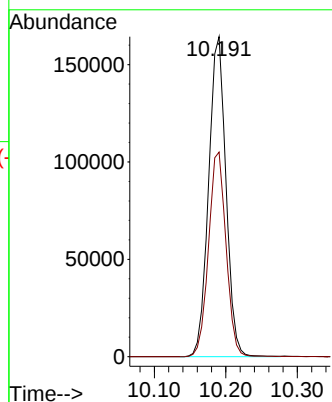
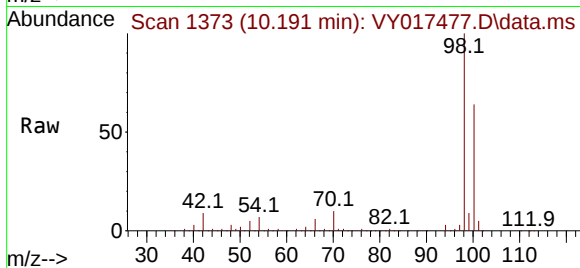
VY0226SBL01

Tgt Ion: 98 Resp: 276640

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.151 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017477.D

Acq: 26 Feb 2024 13:03

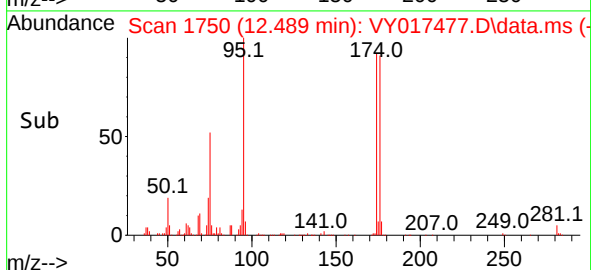
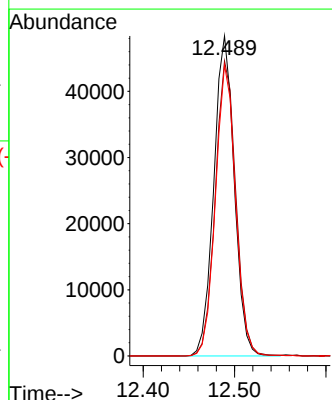
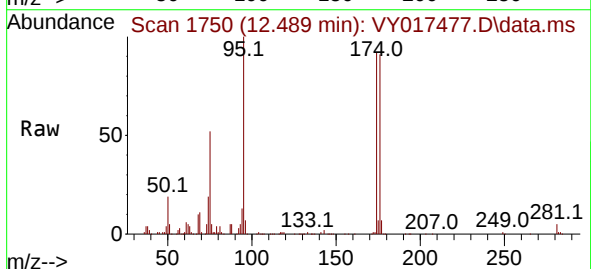
Tgt Ion: 95 Resp: 75287

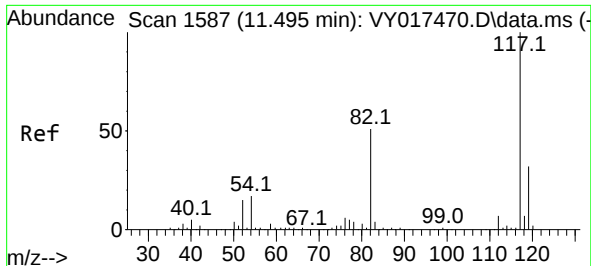
Ion Ratio Lower Upper

95 100

174 93.0 0.0 175.6

176 89.3 0.0 171.4

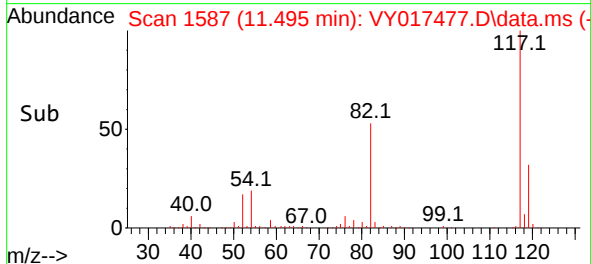
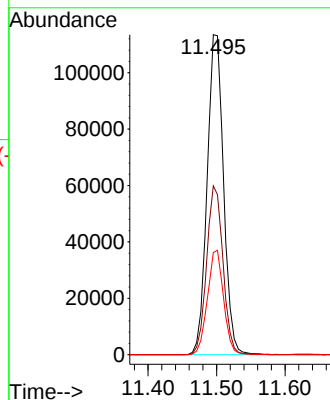
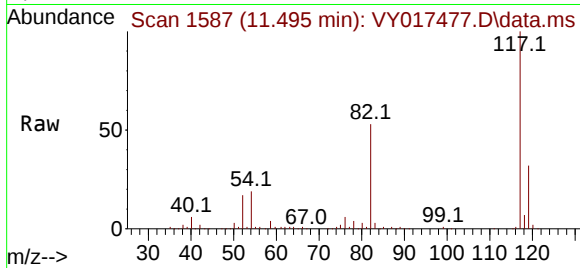




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Tgt Ion:117 Resp: 189511
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Tgt Ion:152 Resp: 78672
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.8 0.0 345.6

