

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018811.D
 Acq On : 15 Jul 2024 11:51
 Operator : SY/MD
 Sample : VY0715SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0715SBL01

Quant Time: Jul 15 13:14:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	78393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	136487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	128996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	41404	53.674	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.340%
35) Dibromofluoromethane	7.703	113	43895	51.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.172	98	161211	49.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.477	95	51857	46.886	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.780%

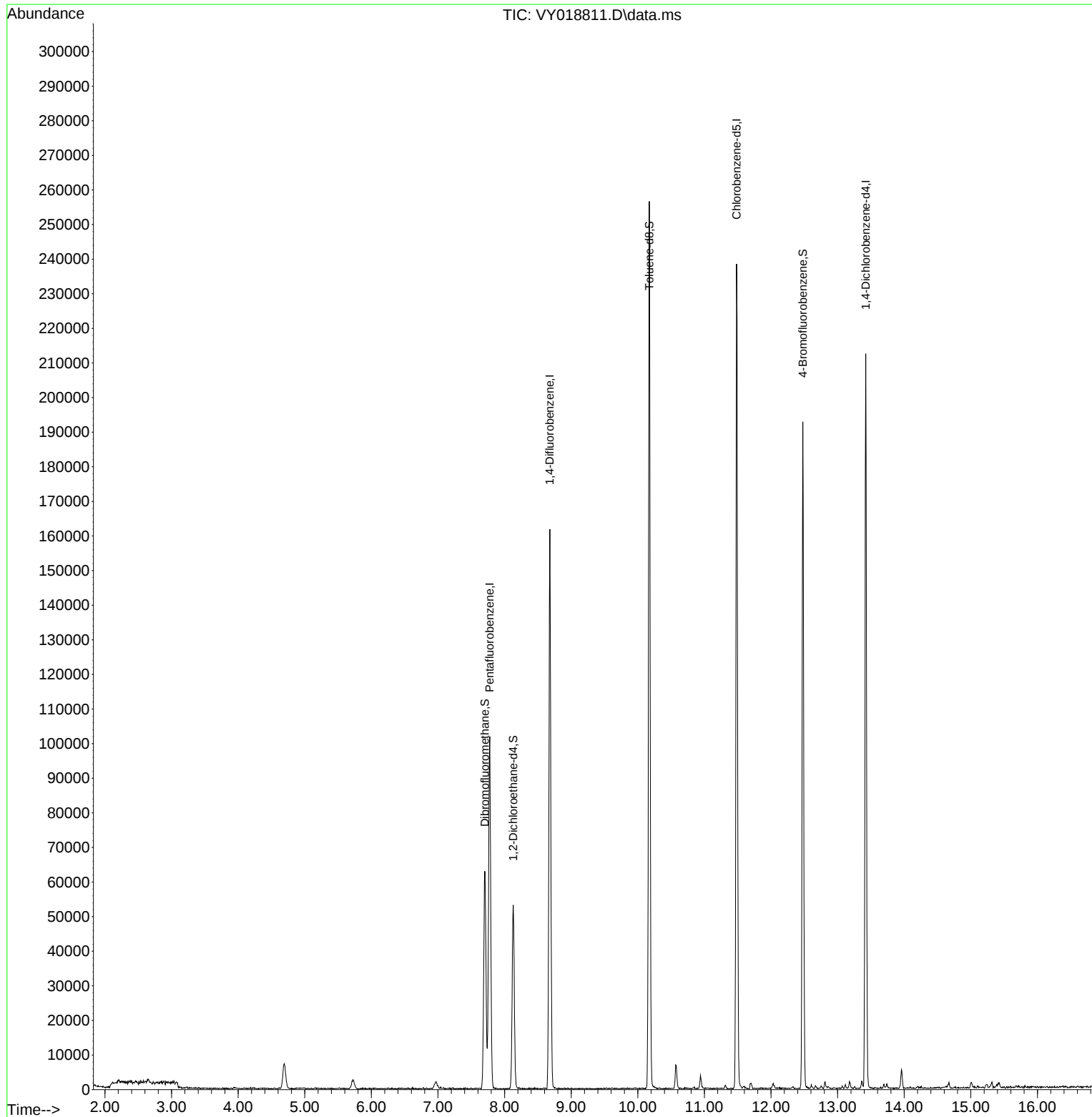
Target Compounds	Qvalue

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

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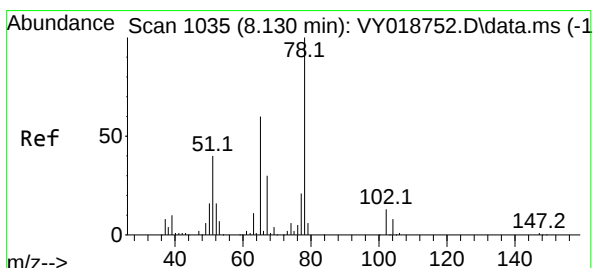
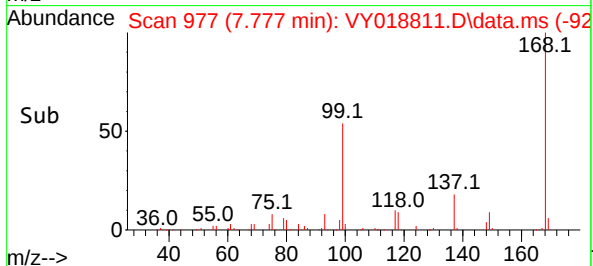
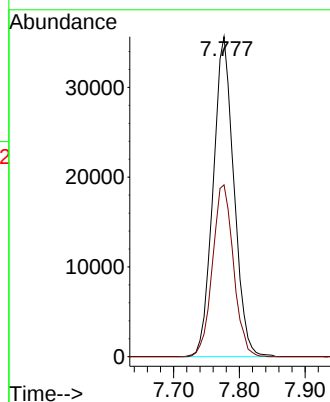
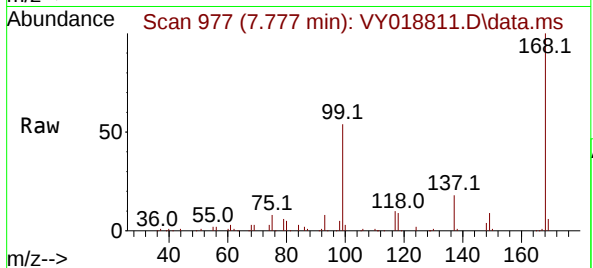




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018811.D
Acq: 15 Jul 2024 11:51

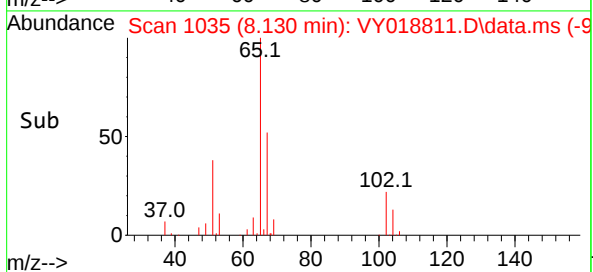
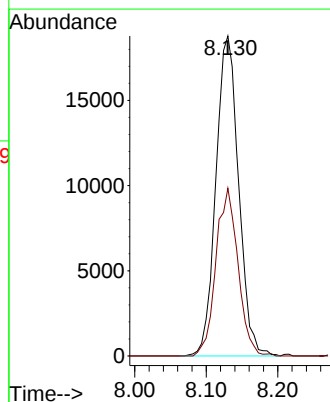
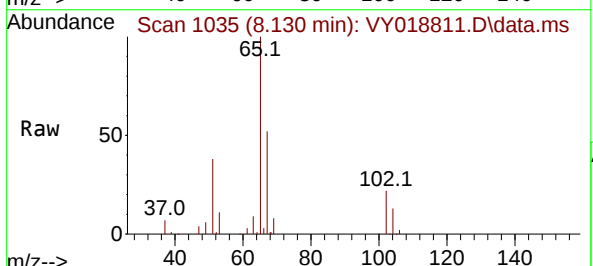
Instrument :
MSVOA_Y
ClientSampleId :
VY0715SBL01

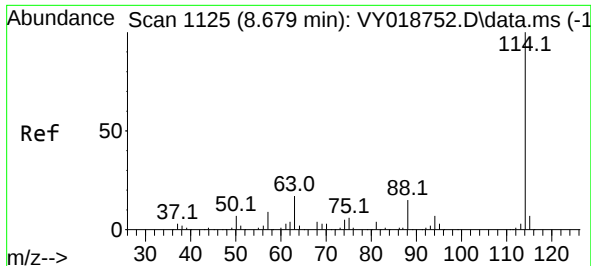
Tgt Ion:168 Resp: 78393
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.674 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018811.D
Acq: 15 Jul 2024 11:51

Tgt Ion: 65 Resp: 41404
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018811.D

Acq: 15 Jul 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0715SBL01

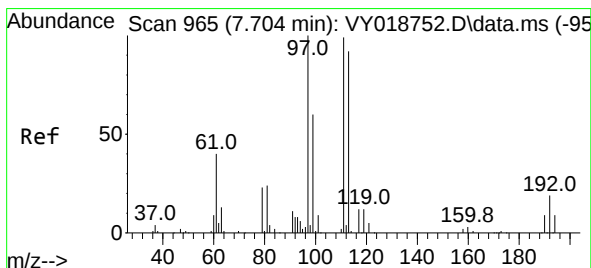
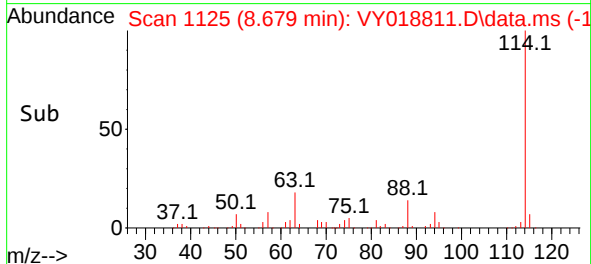
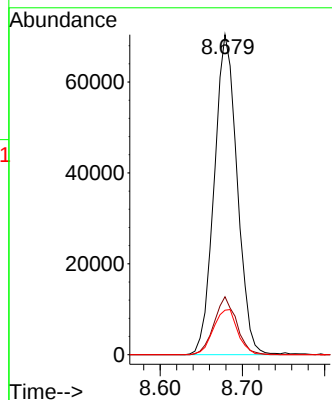
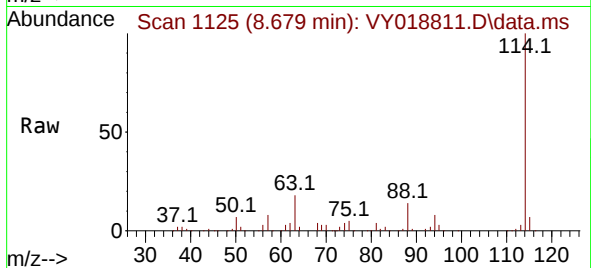
Tgt Ion:114 Resp: 136487

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.348 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018811.D

Acq: 15 Jul 2024 11:51

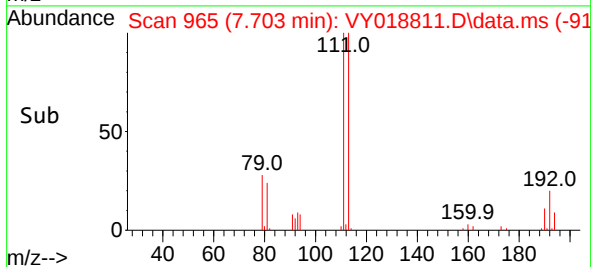
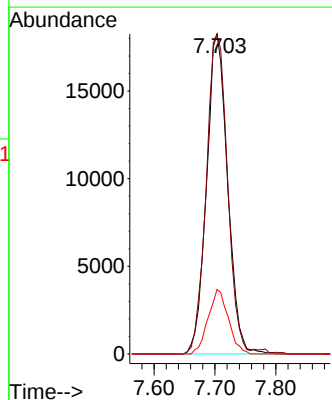
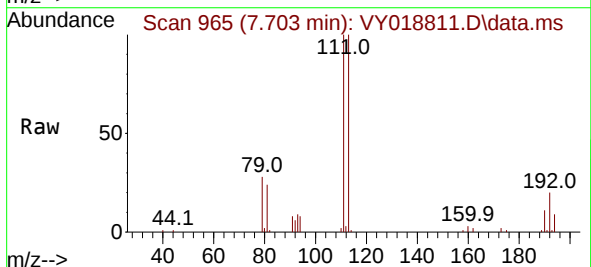
Tgt Ion:113 Resp: 43895

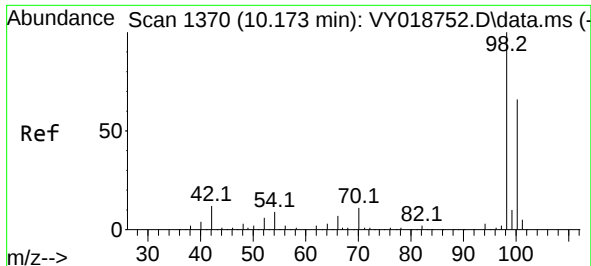
Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 19.3 15.9 23.9

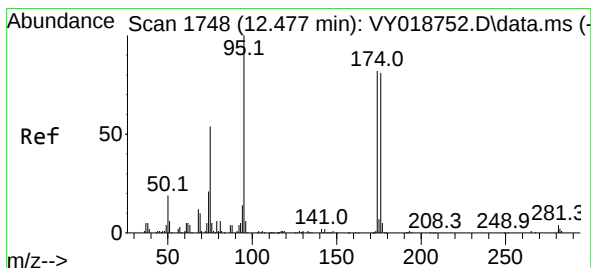
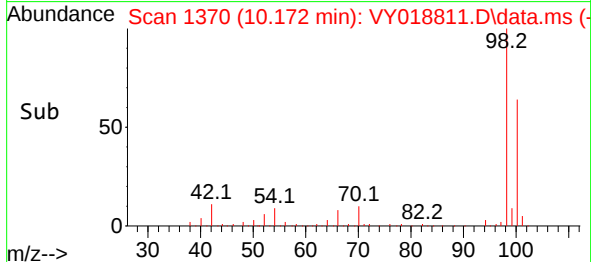
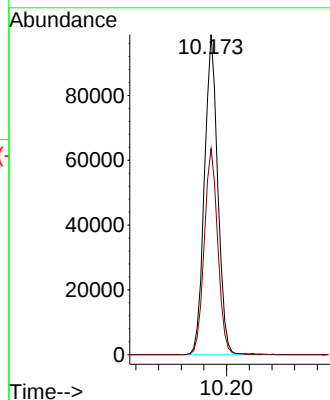
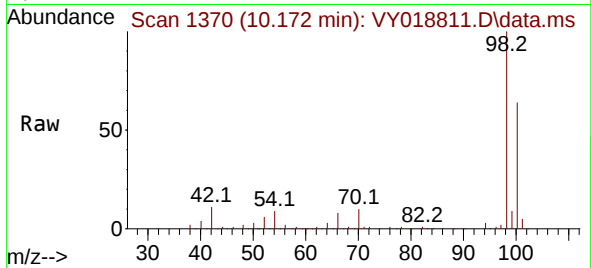




#50
Toluene-d8
Concen: 49.777 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018811.D
Acq: 15 Jul 2024 11:51

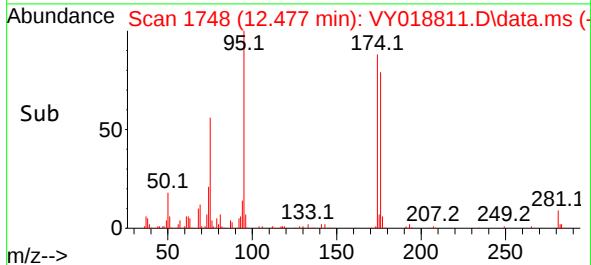
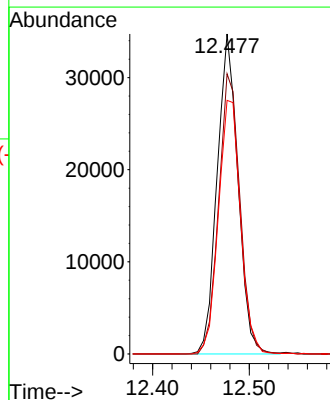
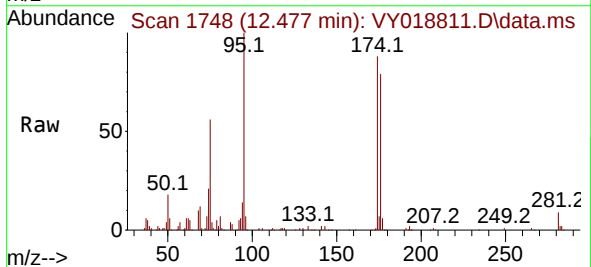
Instrument :
MSVOA_Y
ClientSampleId :
VY0715SBL01

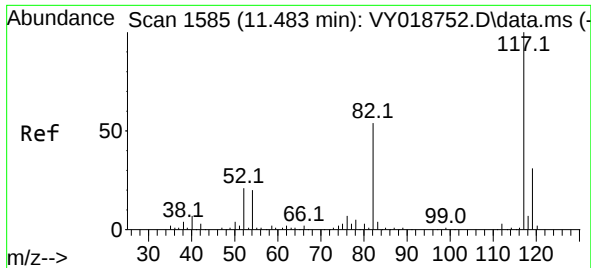
Tgt Ion: 98 Resp: 161211
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.886 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018811.D
Acq: 15 Jul 2024 11:51

Tgt Ion: 95 Resp: 51857
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 84.3 0.0 171.4

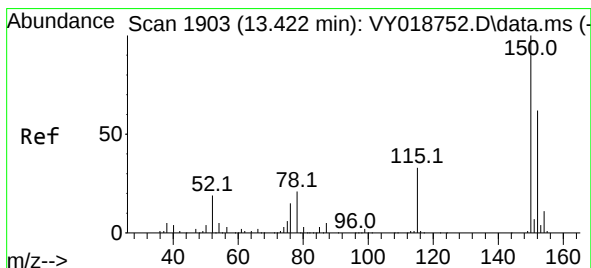
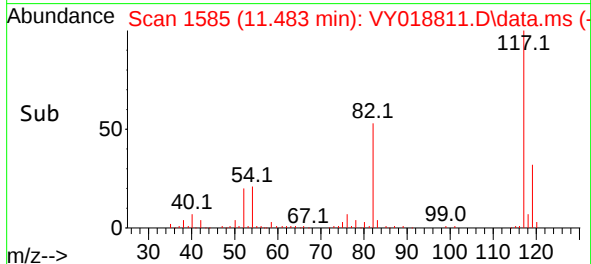
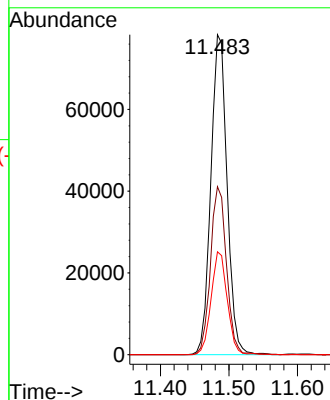
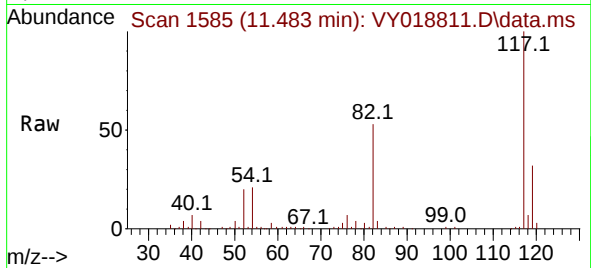




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018811.D
Acq: 15 Jul 2024 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0715SBL01

Tgt Ion:117 Resp: 128996
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018811.D
Acq: 15 Jul 2024 11:51

Tgt Ion:152 Resp: 53764
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 158.5 0.0 345.6

