

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018451.D
 Acq On : 03 Jun 2024 19:33
 Operator : SY/MD
 Sample : P2705-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 330

Quant Time: Jun 04 05:44:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	75406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	153346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	140022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49190	33.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.440%
35) Dibromofluoromethane	7.704	113	48008	24.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.380%#
50) Toluene-d8	10.173	98	187705	24.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	48.520%#
62) 4-Bromofluorobenzene	12.477	95	53802	22.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.680%

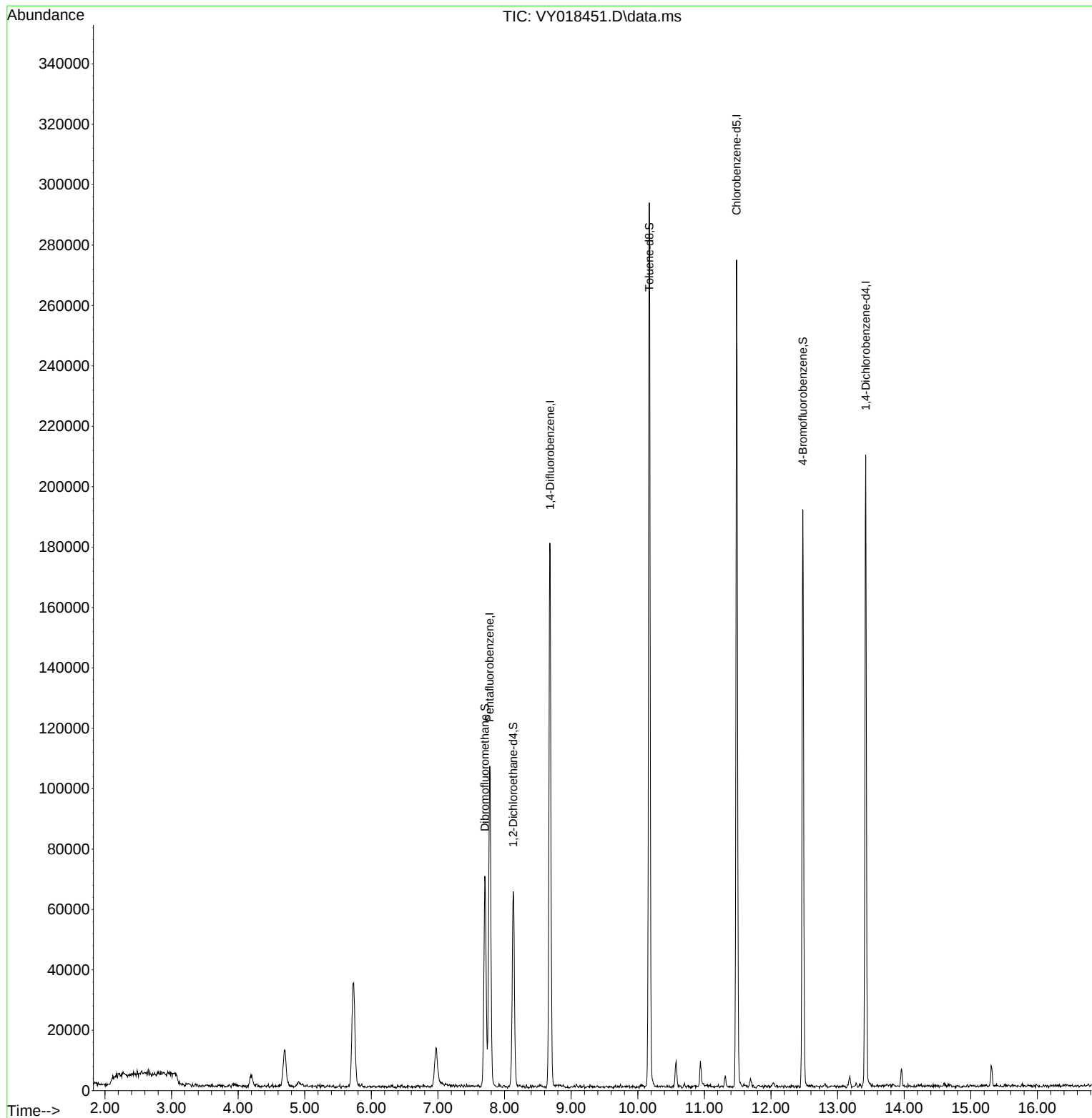
Target Compounds	Qvalue

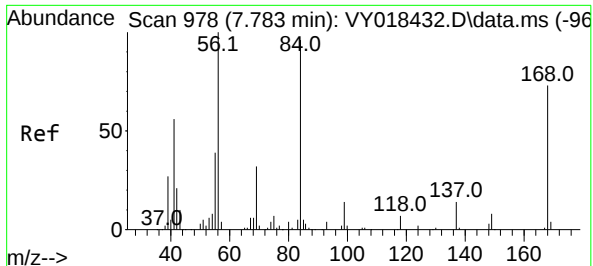
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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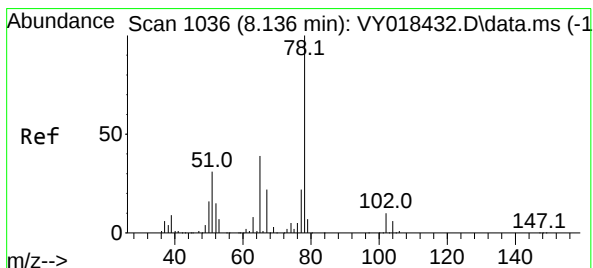
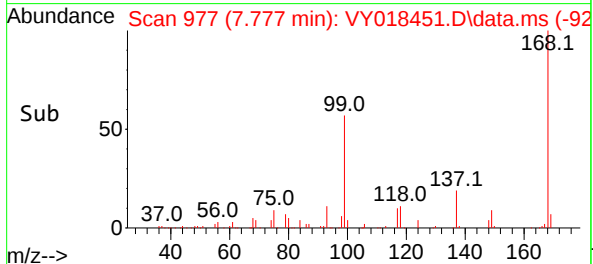
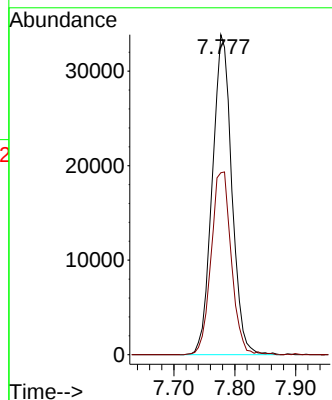
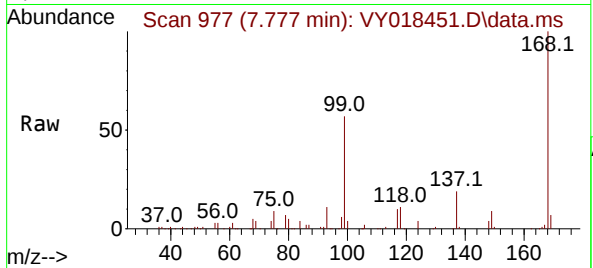




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

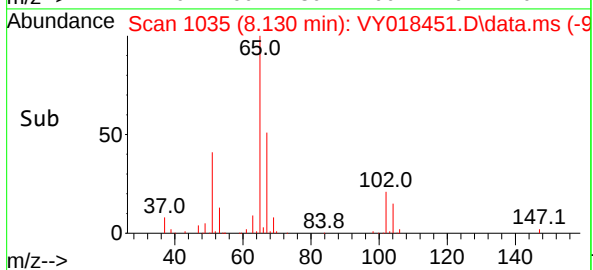
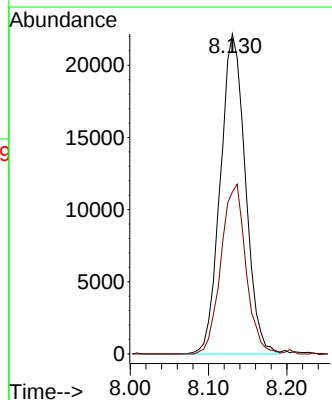
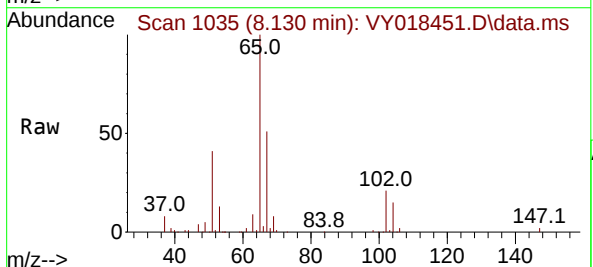
Instrument :
MSVOA_Y
ClientSampleId :
330

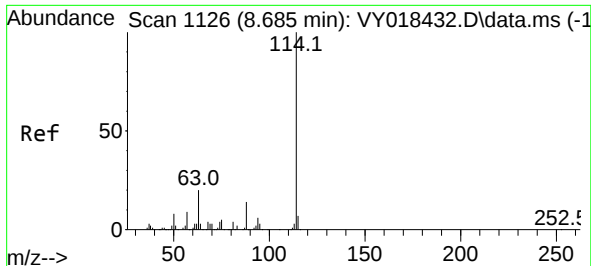
Tgt Ion:168 Resp: 75406
Ion Ratio Lower Upper
168 100
99 56.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 33.217 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

Tgt Ion: 65 Resp: 49190
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018451.D

Acq: 03 Jun 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

330

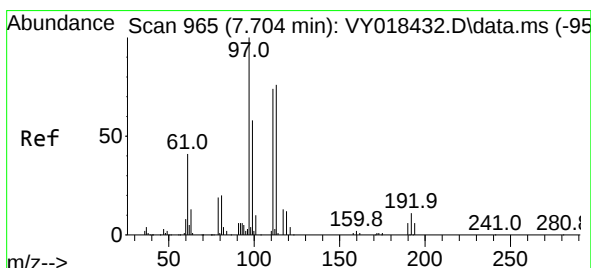
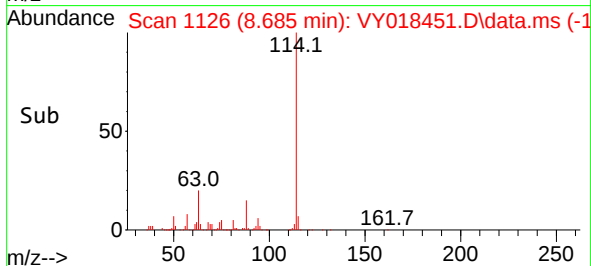
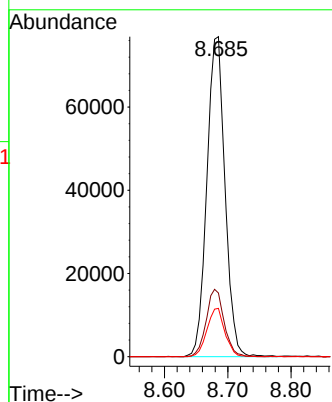
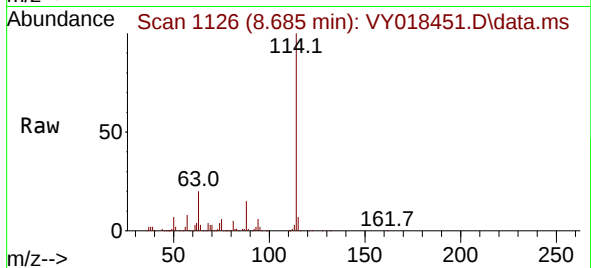
Tgt Ion:114 Resp: 153346

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 24.689 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018451.D

Acq: 03 Jun 2024 19:33

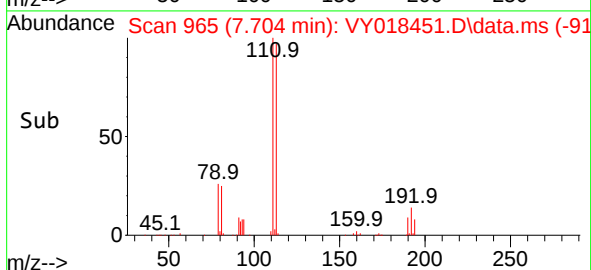
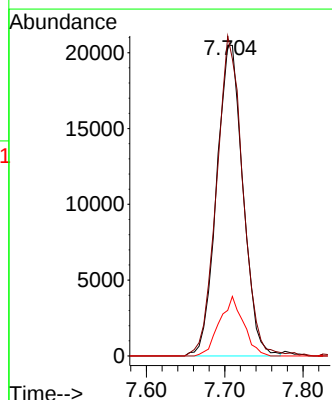
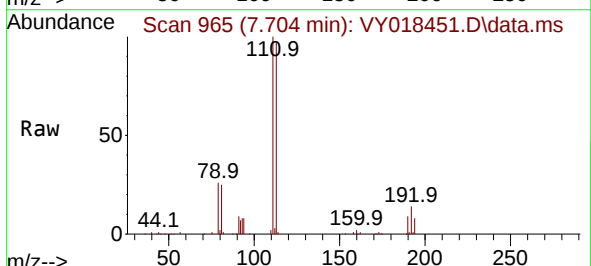
Tgt Ion:113 Resp: 48008

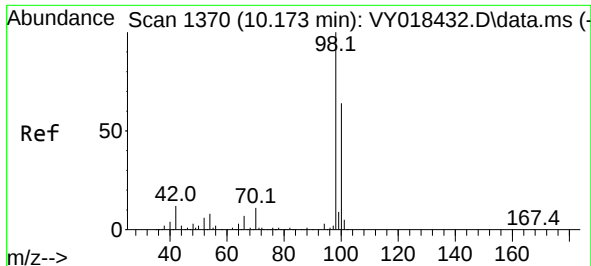
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 17.4 15.9 23.9

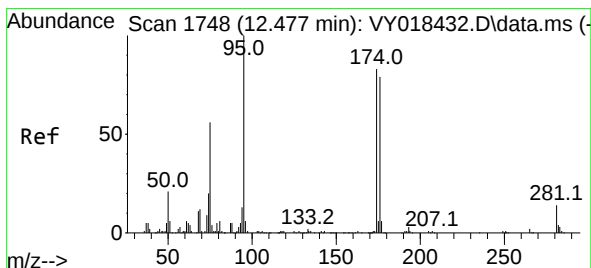
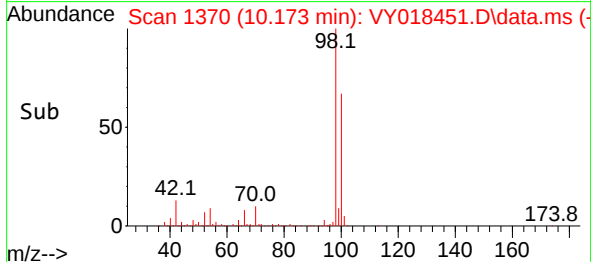
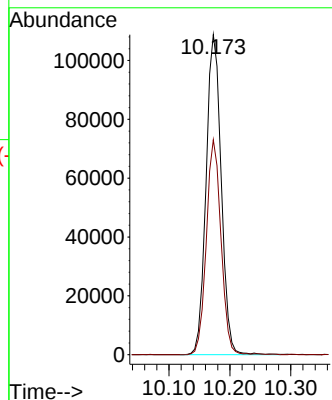
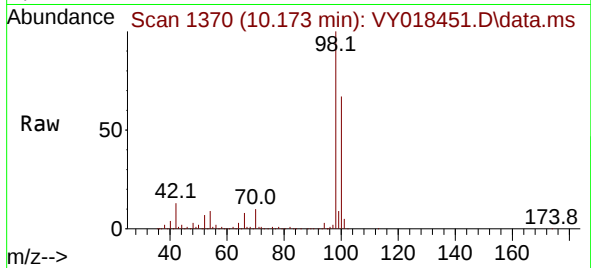




#50
Toluene-d8
Concen: 24.264 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

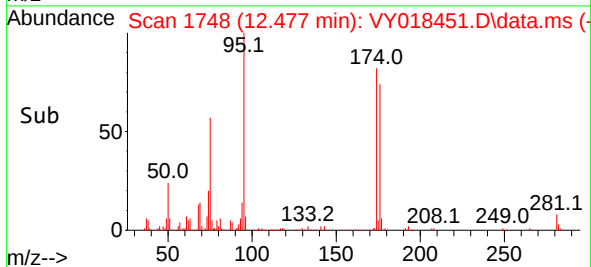
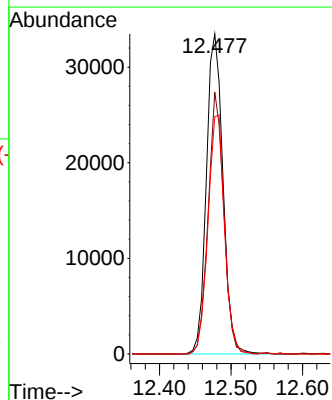
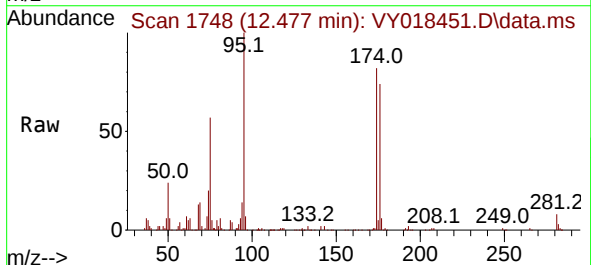
Instrument :
MSVOA_Y
ClientSampleId :
330

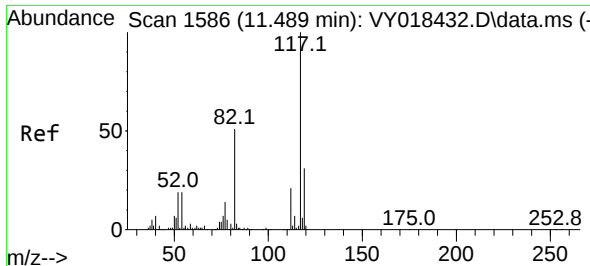
Tgt Ion: 98 Resp: 187705
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.337 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

Tgt Ion: 95 Resp: 53802
Ion Ratio Lower Upper
95 100
174 77.5 0.0 175.6
176 74.5 0.0 171.4

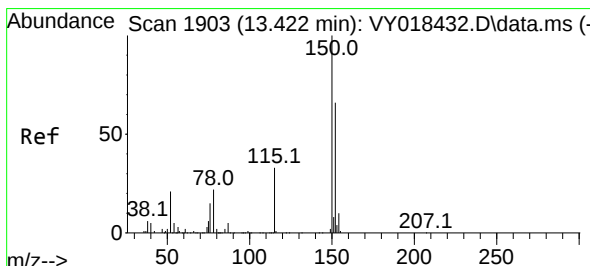
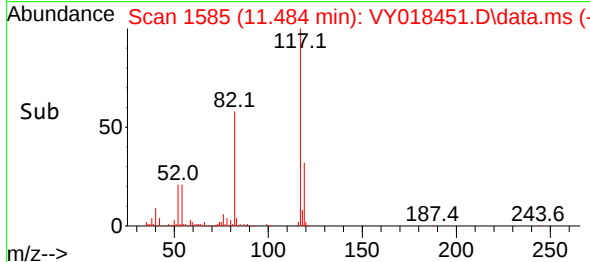
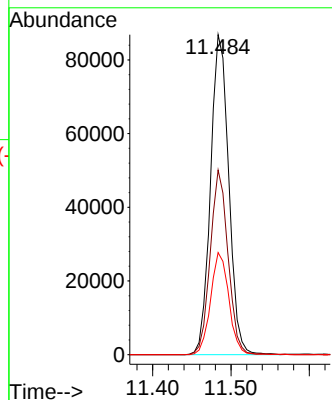
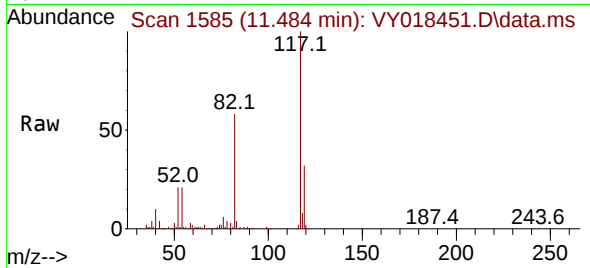




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

Instrument :
MSVOA_Y
ClientSampleId :
330

Tgt Ion:117 Resp: 140022
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.9 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: VY018451.D
Acq: 03 Jun 2024 19:33

Tgt Ion:152 Resp: 48455
Ion Ratio Lower Upper
152 100
115 63.2 28.2 84.7
150 160.8 0.0 345.6

