

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018821.D
 Acq On : 15 Jul 2024 18:38
 Operator : SY/MD
 Sample : P3248-01
 Misc : 7.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-120-SB01

Quant Time: Jul 16 01:29:24 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	34073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	39623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	14122	42.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.240%
35) Dibromofluoromethane	7.710	113	14662	44.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.820%
50) Toluene-d8	10.172	98	54413	43.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.980%
62) 4-Bromofluorobenzene	12.477	95	14843	35.141	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.280%

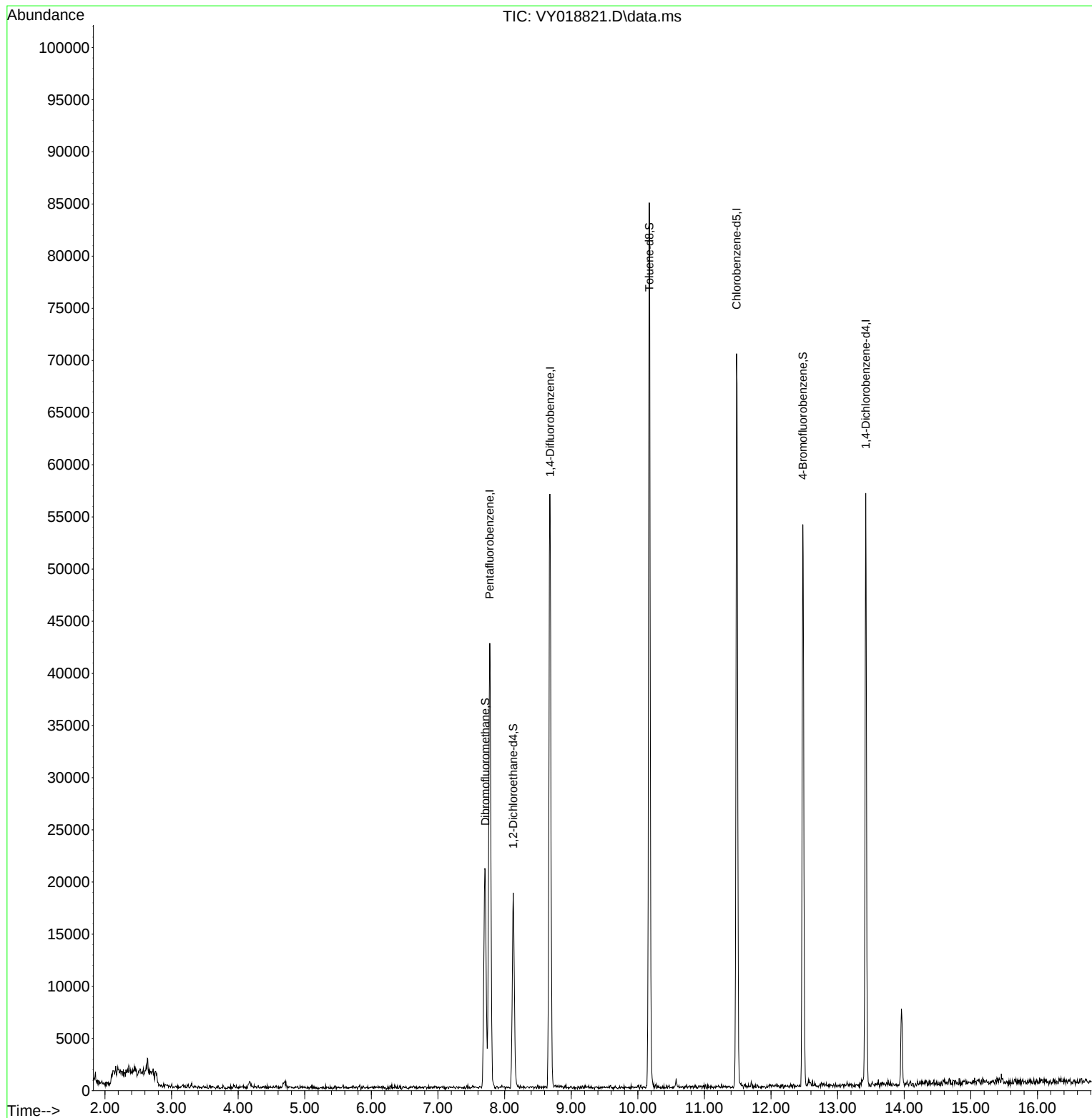
Target Compounds	Qvalue

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

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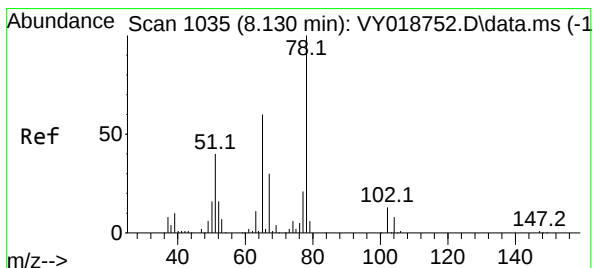
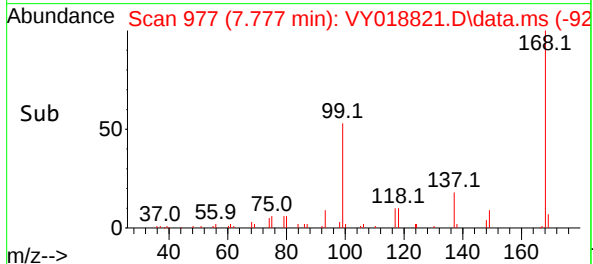
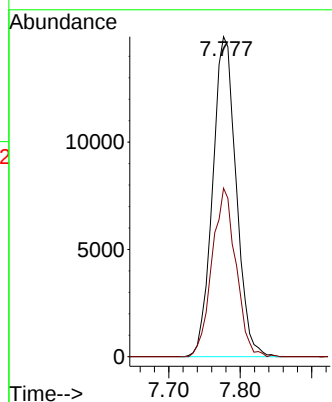
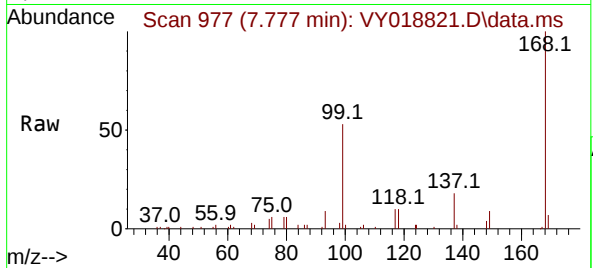




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

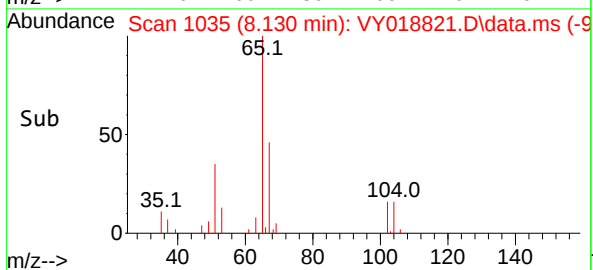
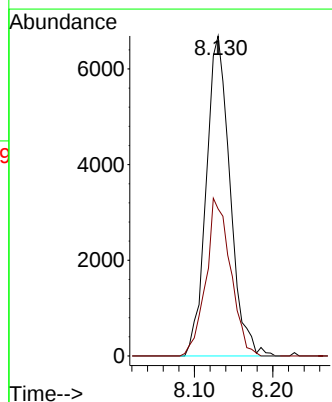
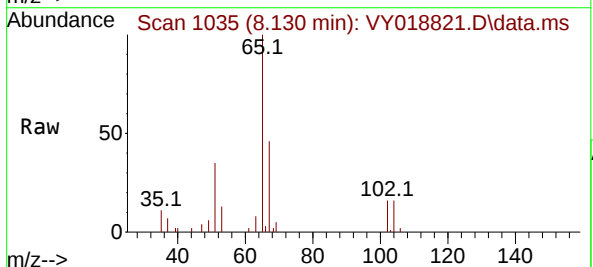
Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB01

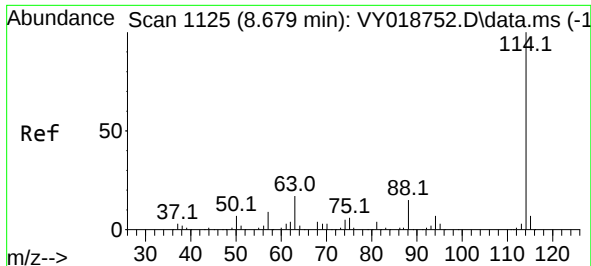
Tgt Ion:168 Resp: 34073
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 42.119 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Tgt Ion: 65 Resp: 14122
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018821.D

Acq: 15 Jul 2024 18:38

Instrument :

MSVOA_Y

ClientSampleId :

B-120-SB01

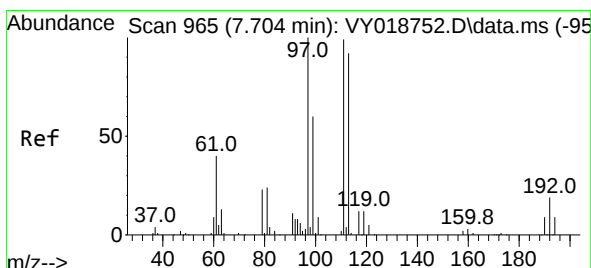
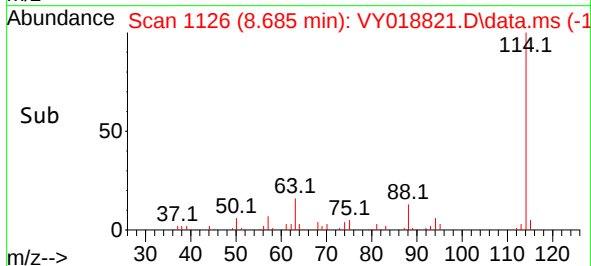
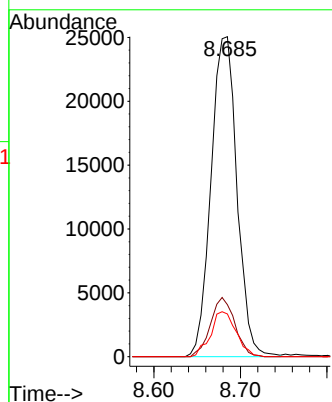
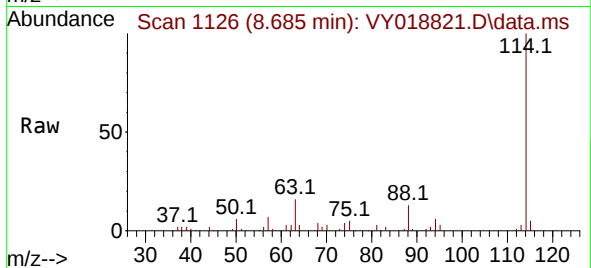
Tgt Ion:114 Resp: 52124

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.912 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018821.D

Acq: 15 Jul 2024 18:38

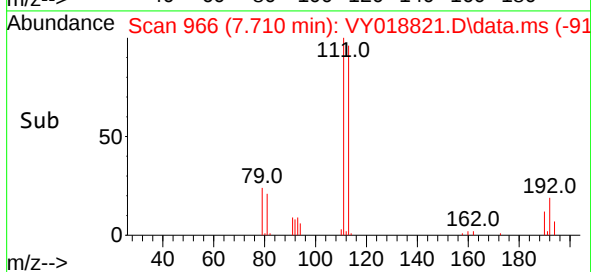
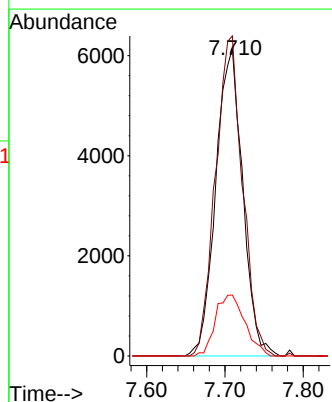
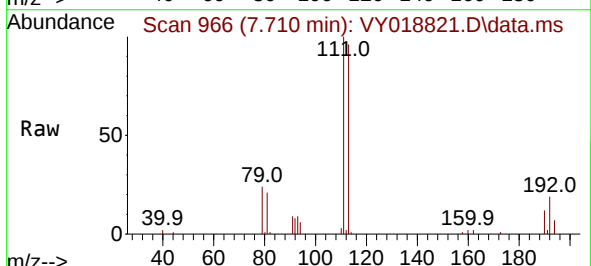
Tgt Ion:113 Resp: 14662

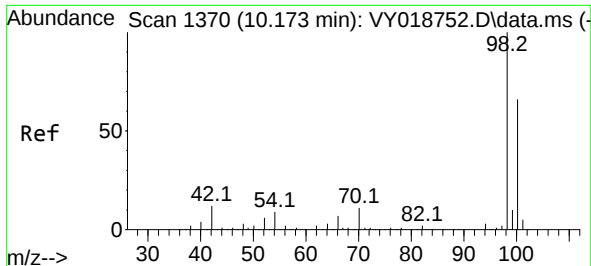
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 21.8 15.9 23.9

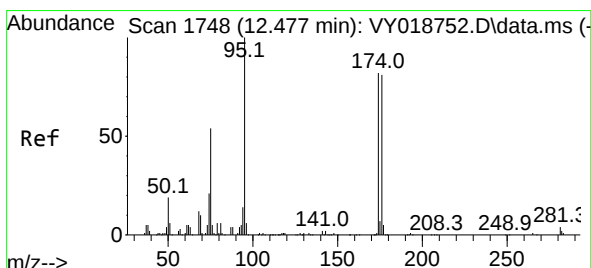
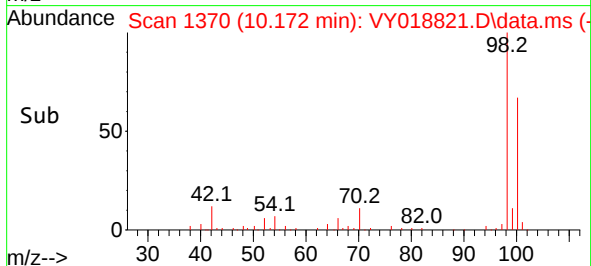
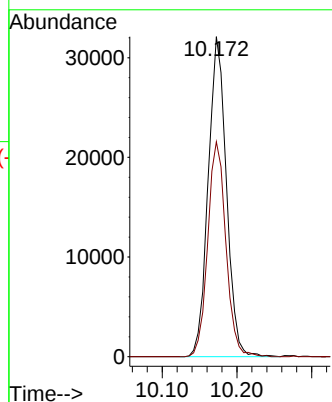
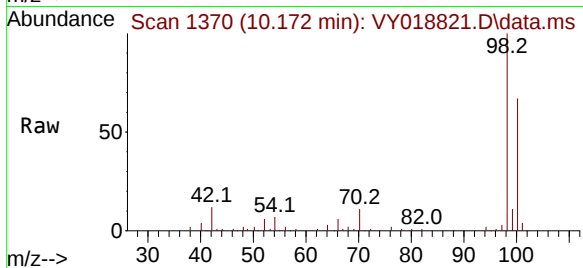




#50
Toluene-d8
Concen: 43.994 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

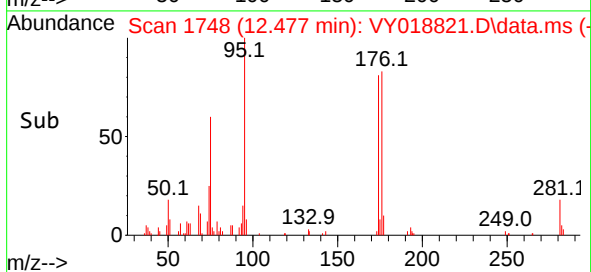
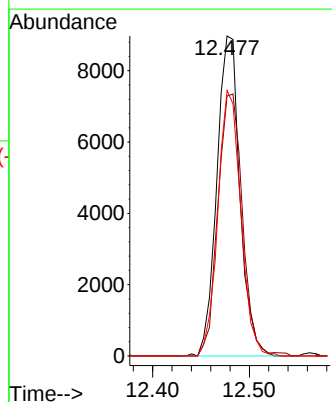
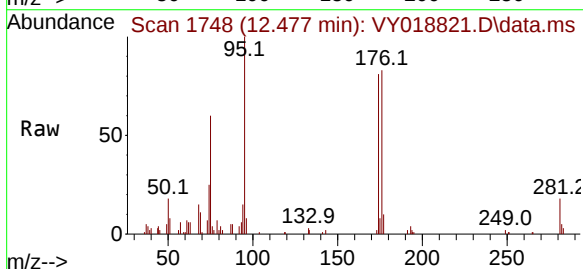
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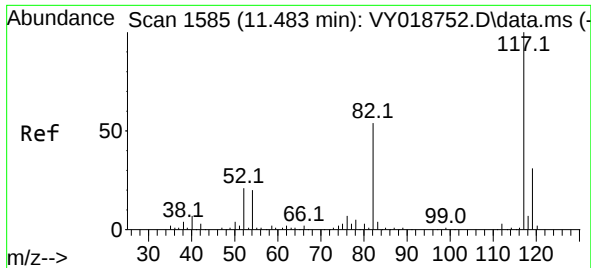
Tgt Ion: 98 Resp: 54413
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.141 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Tgt Ion: 95 Resp: 14843
Ion Ratio Lower Upper
95 100
174 87.0 0.0 175.6
176 82.3 0.0 171.4

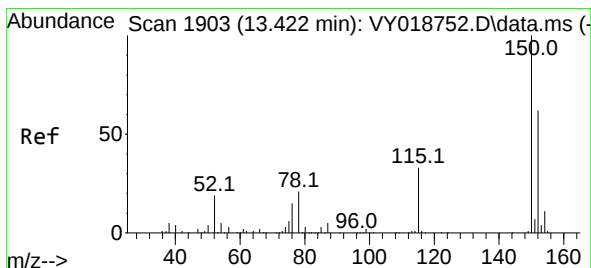
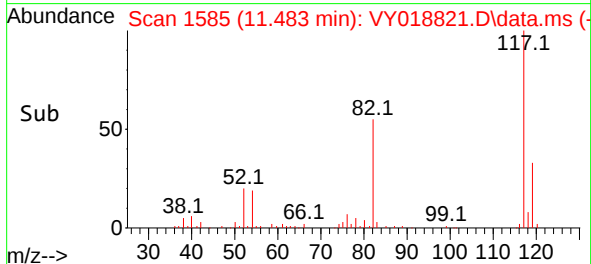
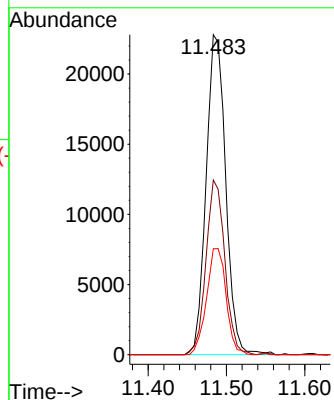
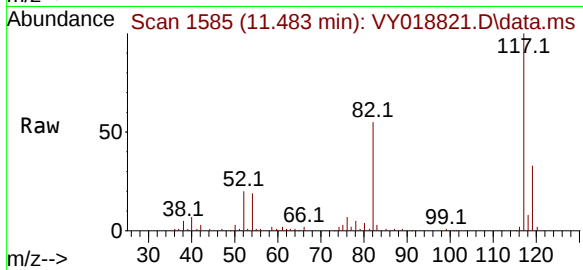




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :
B-120-SB01

Tgt Ion:117	Resp:	39623
Ion	Ratio	Lower Upper
117	100	
82	54.6	42.4 63.6
119	33.1	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: VY018821.D
Acq: 15 Jul 2024 18:38

Tgt Ion:152	Resp:	13210
Ion	Ratio	Lower Upper
152	100	
115	59.3	28.2 84.7
150	164.6	0.0 345.6

