

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018867.D
 Acq On : 18 Jul 2024 16:08
 Operator : SY/MD
 Sample : P3294-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-3-071724

Quant Time: Jul 19 01:41:10 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	7.789	168	4549	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.685	114	6884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	1523	34.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.040%
35) Dibromofluoromethane	7.704	113	2135	49.518	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.040%
50) Toluene-d8	10.173	98	6594	40.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.740%
62) 4-Bromofluorobenzene	12.477	95	841	15.076	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	30.160%

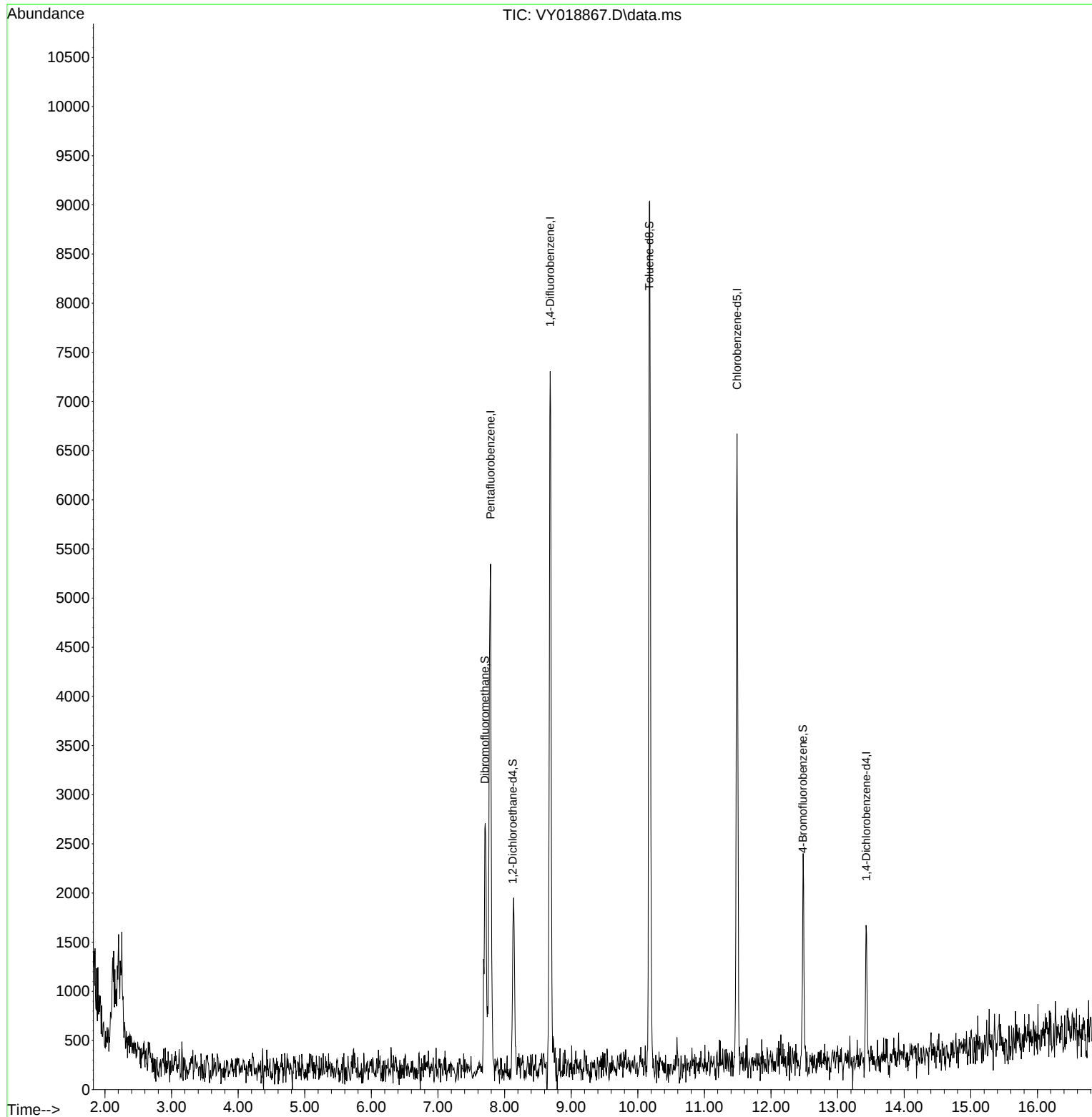
Target Compounds	Qvalue

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

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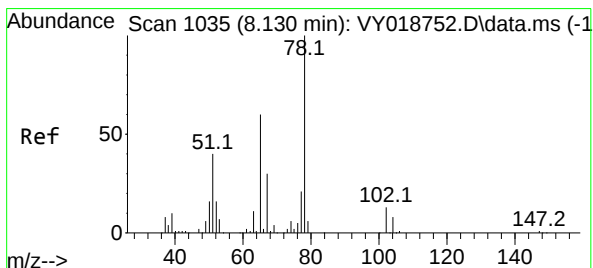
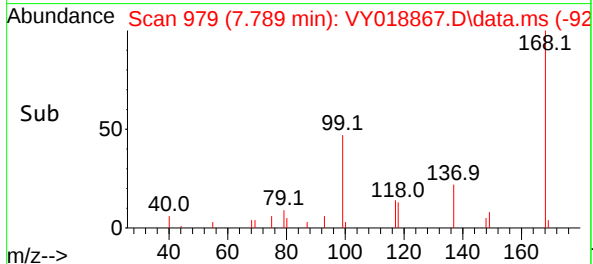
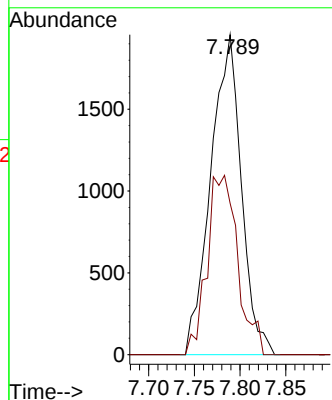
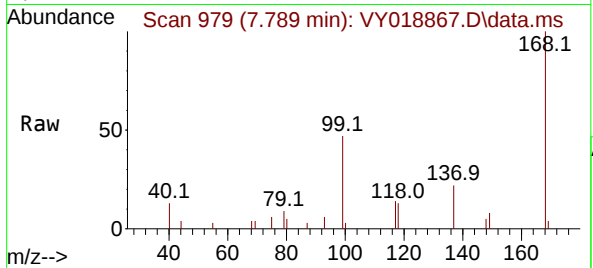




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

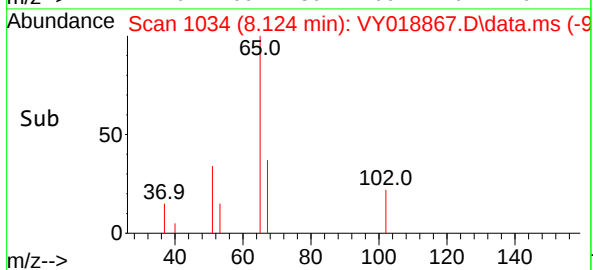
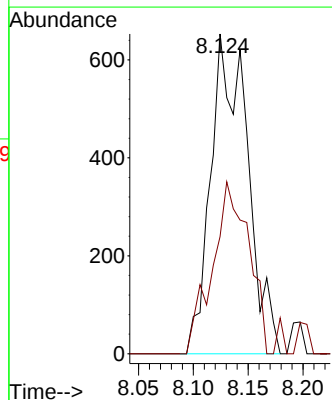
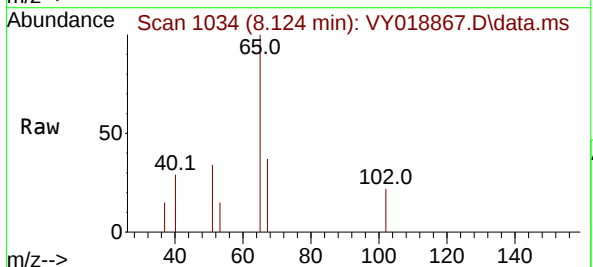
Instrument :
MSVOA_Y
ClientSampleId :
HR-3-071724

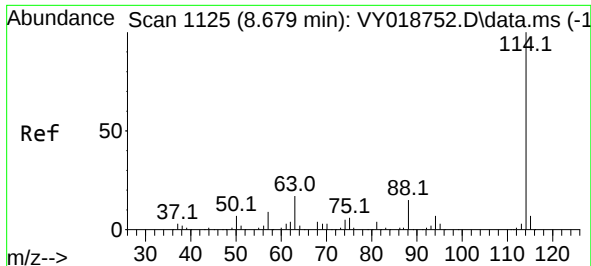
Tgt Ion:168 Resp: 4549
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 34.024 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Tgt Ion: 65 Resp: 1523
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018867.D

Acq: 18 Jul 2024 16:08

Instrument :

MSVOA_Y

ClientSampleId :

HR-3-071724

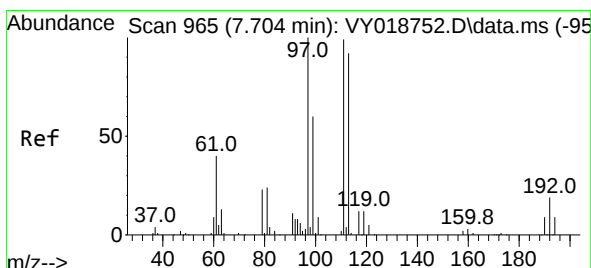
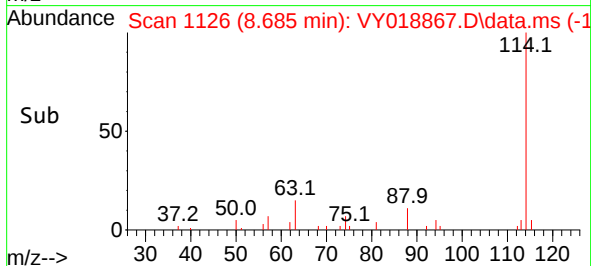
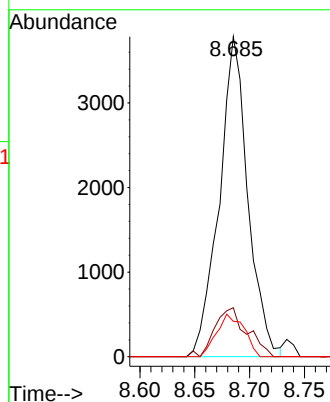
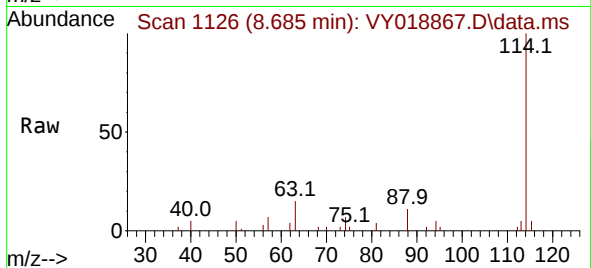
Tgt Ion:114 Resp: 6884

Ion Ratio Lower Upper

114 100

63 15.3 0.0 35.0

88 11.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.518 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018867.D

Acq: 18 Jul 2024 16:08

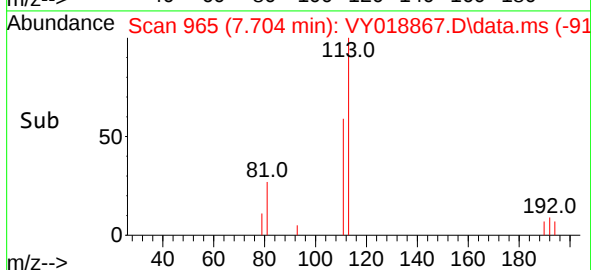
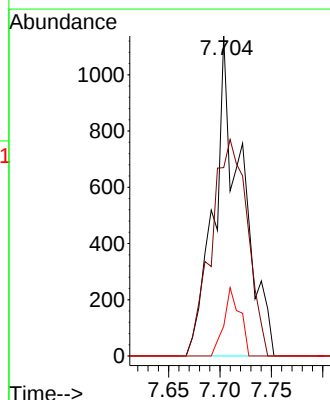
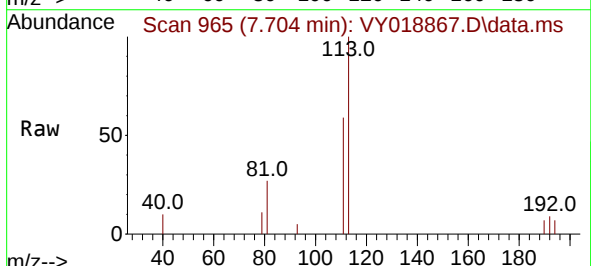
Tgt Ion:113 Resp: 2135

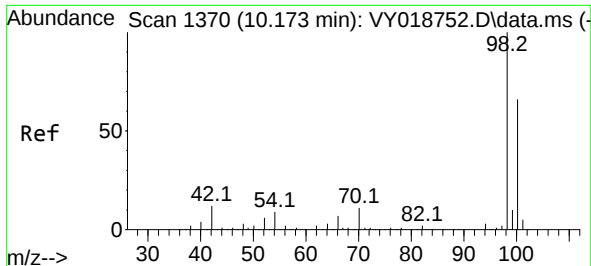
Ion Ratio Lower Upper

113 100

111 87.8 82.2 123.4

192 12.3 15.9 23.9#

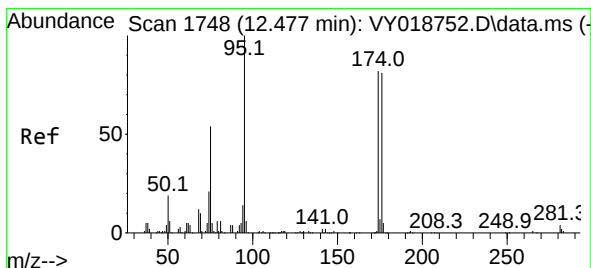
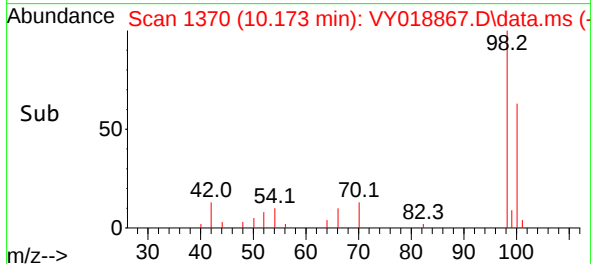
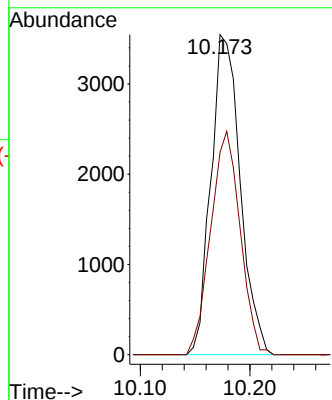
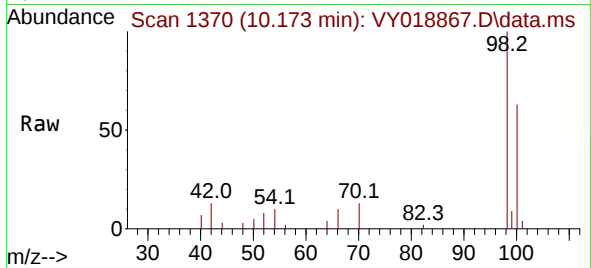




#50
Toluene-d8
Concen: 40.368 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

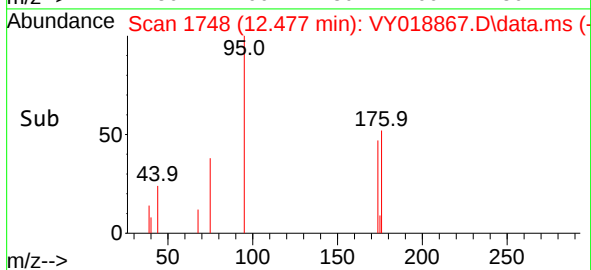
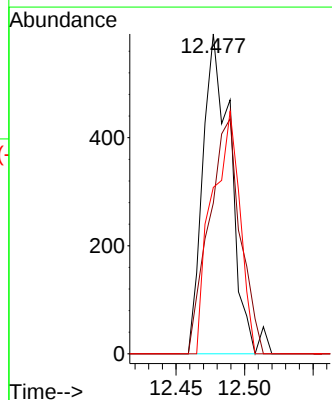
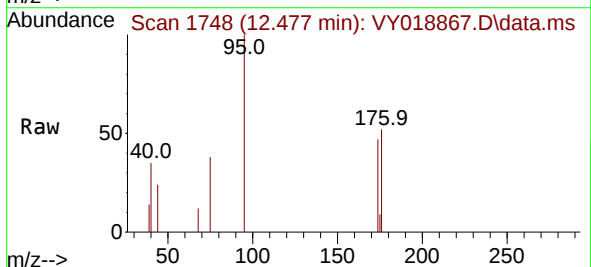
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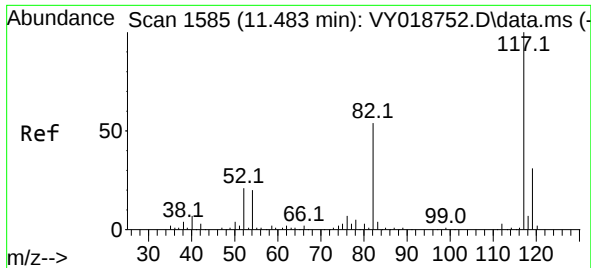
Tgt Ion: 98 Resp: 6594
Ion Ratio Lower Upper
98 100
100 70.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 15.076 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Tgt Ion: 95 Resp: 841
Ion Ratio Lower Upper
95 100
174 82.5 0.0 175.6
176 75.5 0.0 171.4

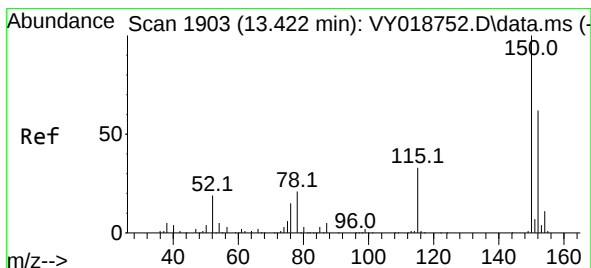
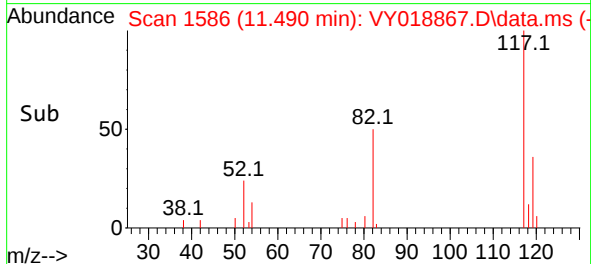
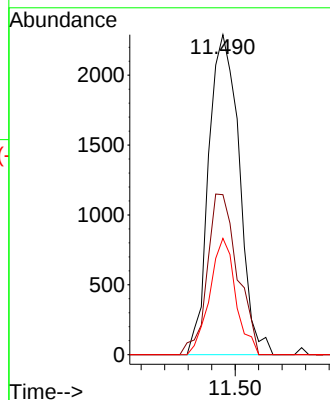
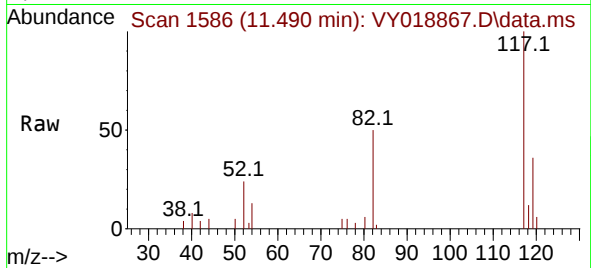




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Instrument :
MSVOA_Y
ClientSampleId :
HR-3-071724

Tgt Ion:117	Resp:	4126
Ion	Ratio	Lower Upper
117	100	
82	50.0	42.4 63.6
119	36.3	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Tgt Ion:152	Resp:	484
Ion	Ratio	Lower Upper
152	100	
115	48.6	28.2 84.7
150	181.4	0.0 345.6

