

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018557.D
 Acq On : 11 Jun 2024 15:12
 Operator : SY/MD
 Sample : P2787-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-06072024RE

Quant Time: Jun 12 03:00:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	5772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	9546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4126	36.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.800%
35) Dibromofluoromethane	7.710	113	4185	34.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.140%
50) Toluene-d8	10.179	98	14983	31.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	62.220%
62) 4-Bromofluorobenzene	12.483	95	2713	18.094	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.180%

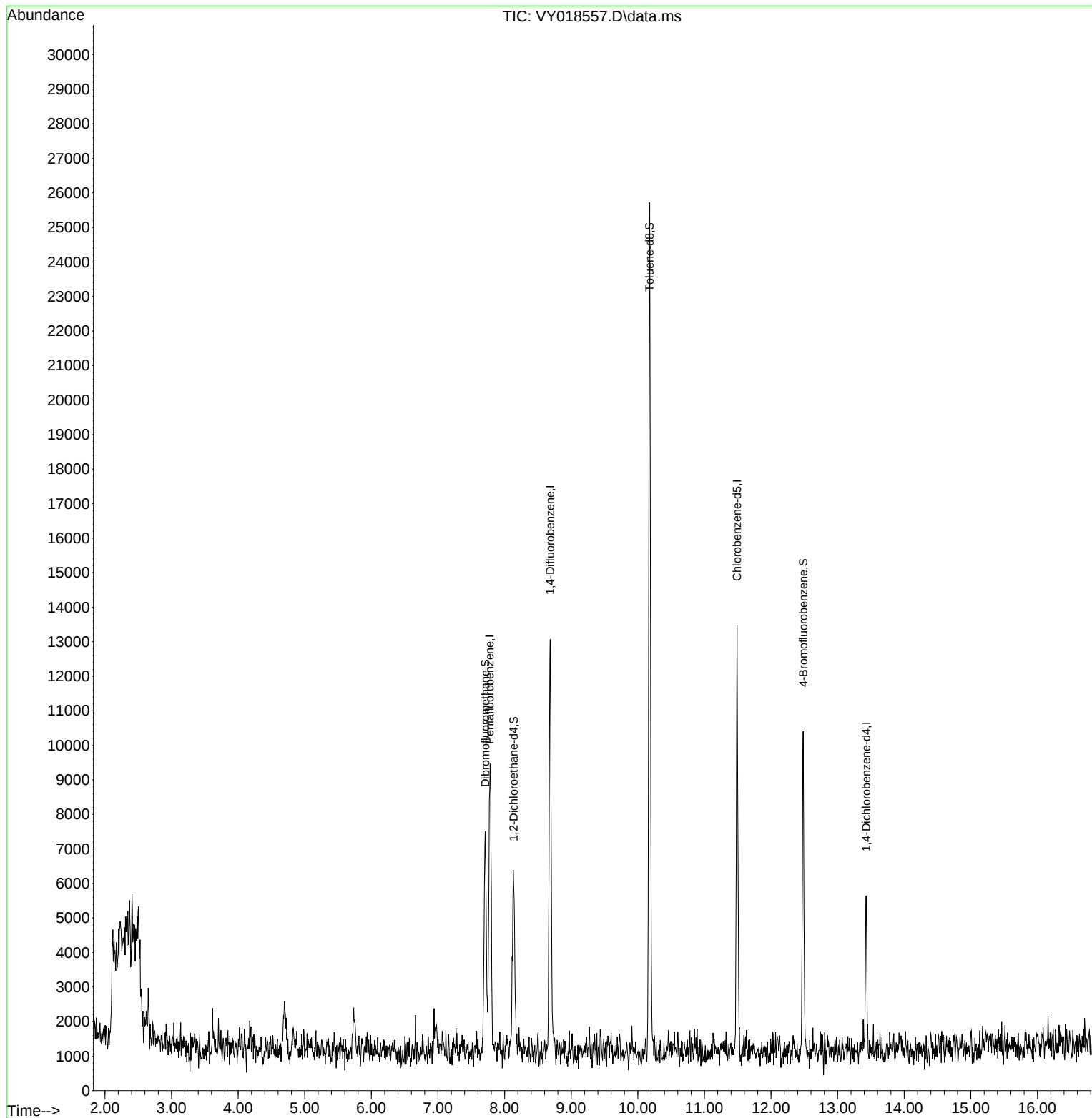
Target Compounds	Qvalue

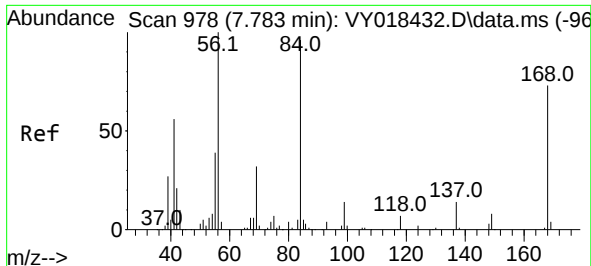
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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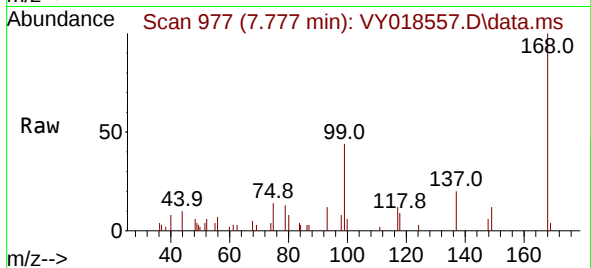
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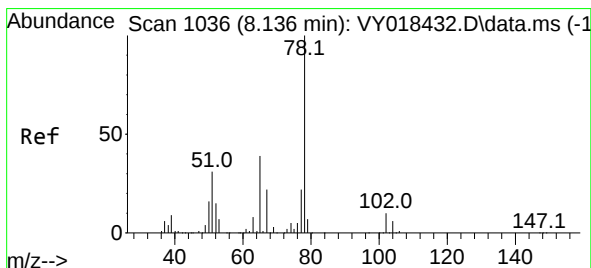
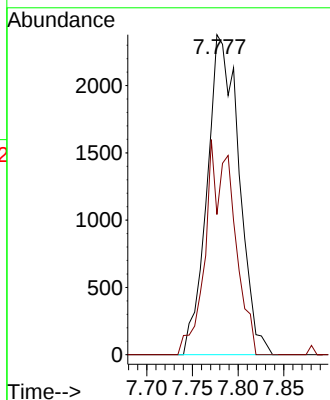
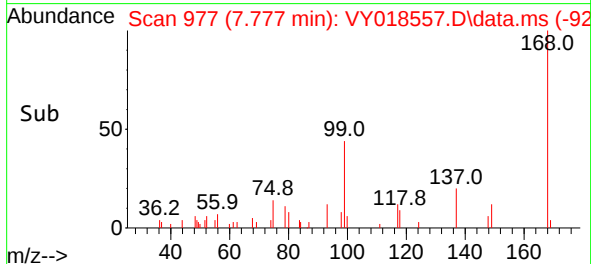


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018557.D
Acq: 11 Jun 2024 15:12

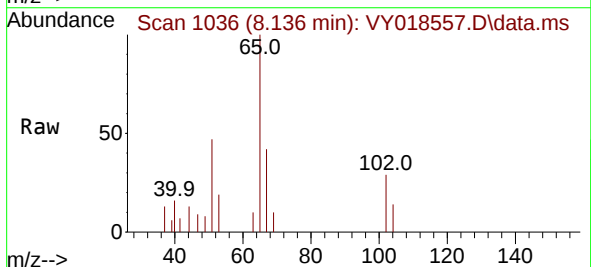
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-06072024RE



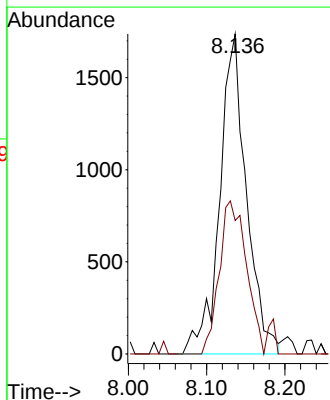
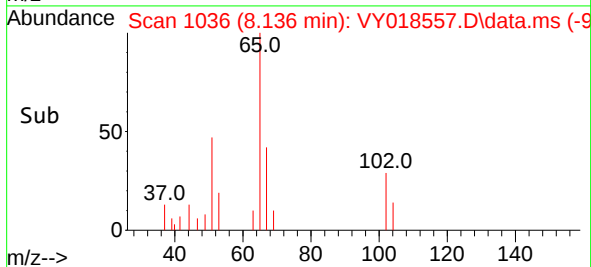
Tgt Ion:168 Resp: 5772
Ion Ratio Lower Upper
168 100
99 43.8 39.1 58.7

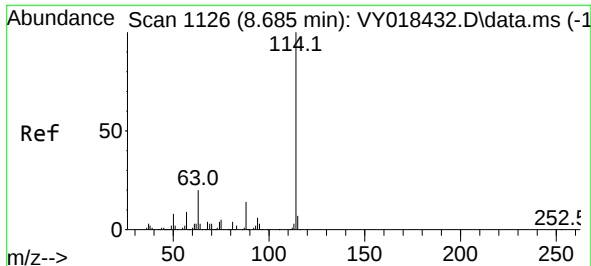


#33
1,2-Dichloroethane-d4
Concen: 36.400 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018557.D
Acq: 11 Jun 2024 15:12



Tgt Ion: 65 Resp: 4126
Ion Ratio Lower Upper
65 100
67 48.4 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: VY018557.D

Acq: 11 Jun 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-06072024RE

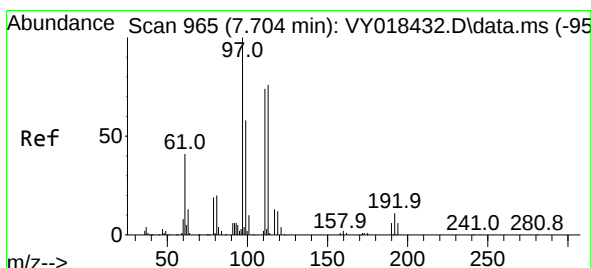
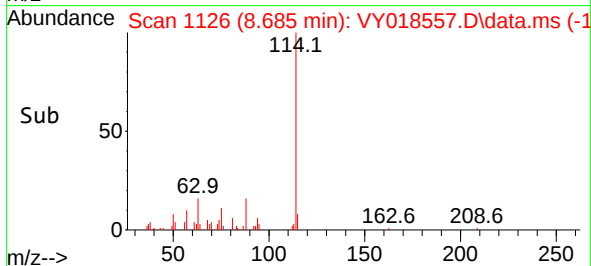
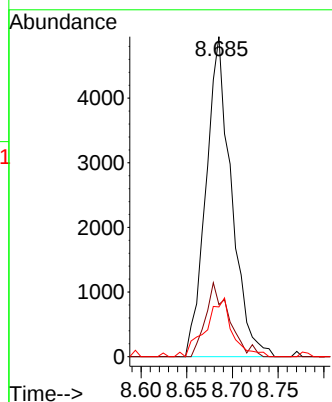
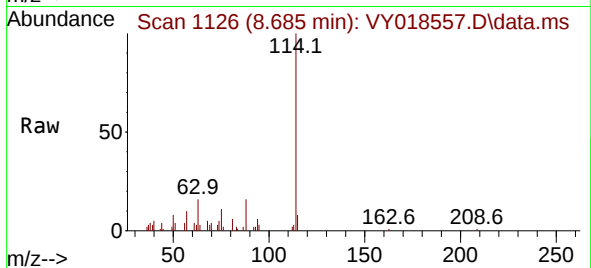
Tgt Ion:114 Resp: 9546

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.573 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018557.D

Acq: 11 Jun 2024 15:12

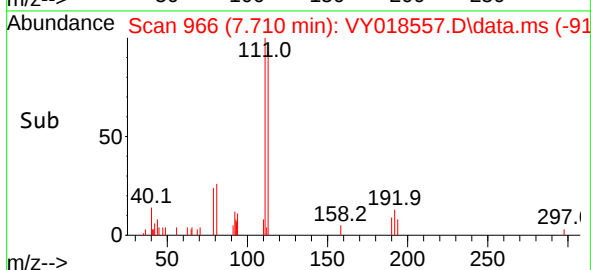
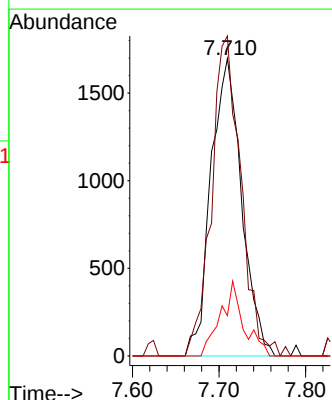
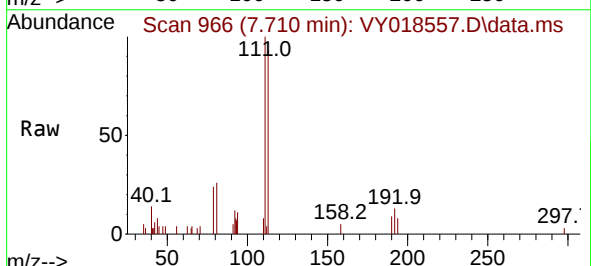
Tgt Ion:113 Resp: 4185

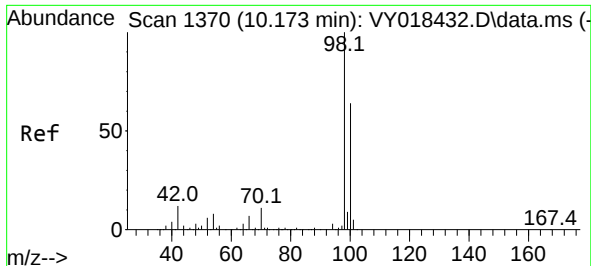
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 18.8 15.9 23.9

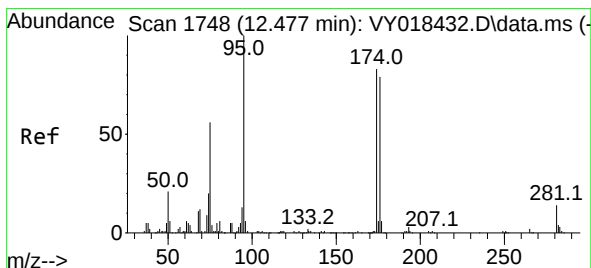
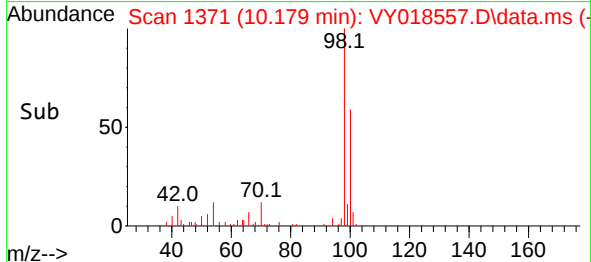
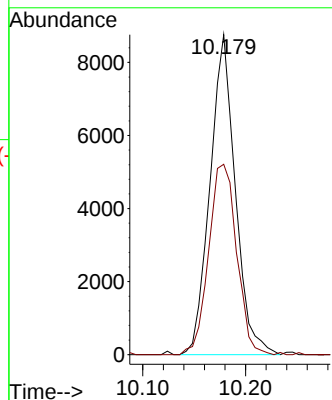
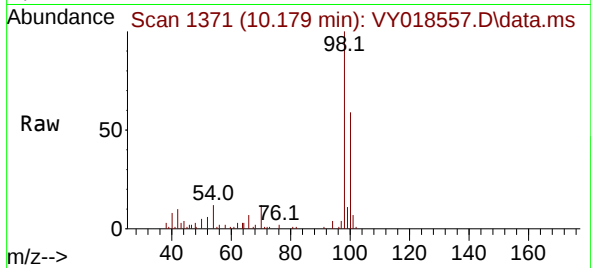




#50
Toluene-d8
Concen: 31.113 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018557.D
Acq: 11 Jun 2024 15:12

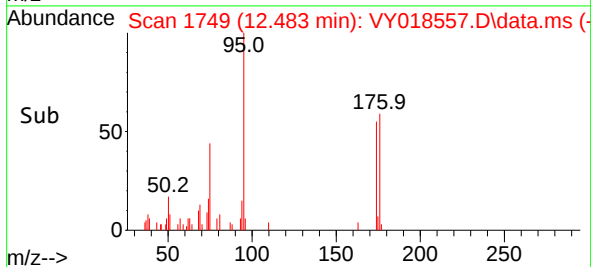
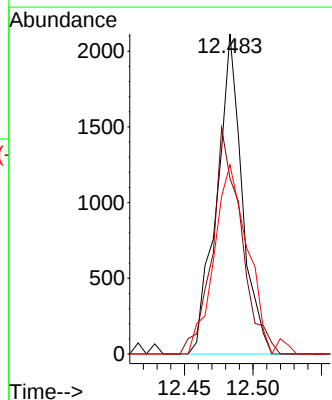
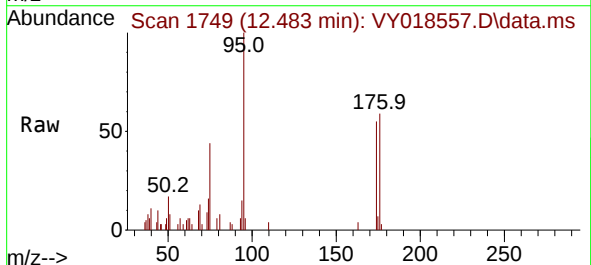
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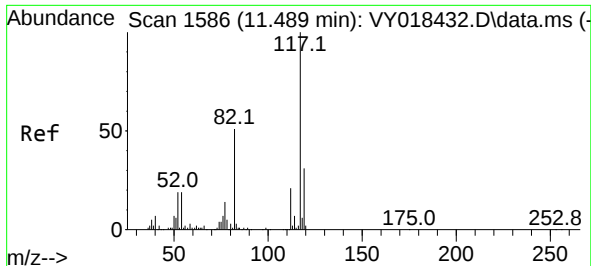
Tgt Ion: 98 Resp: 14983
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 18.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018557.D
Acq: 11 Jun 2024 15:12

Tgt Ion: 95 Resp: 2713
Ion Ratio Lower Upper
95 100
174 80.3 0.0 175.6
176 80.0 0.0 171.4

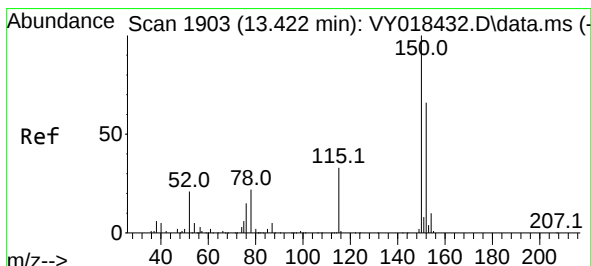
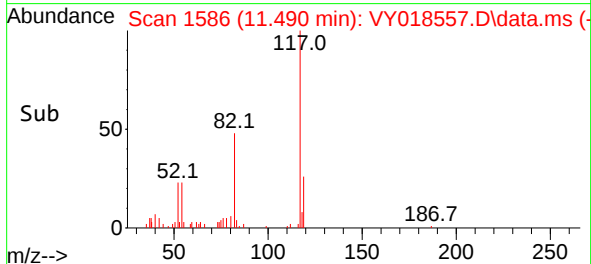
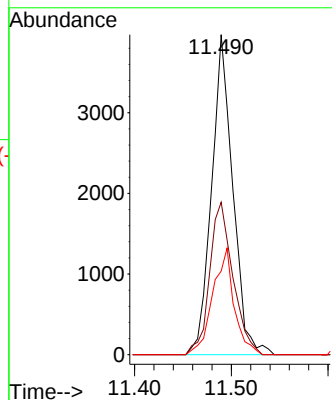
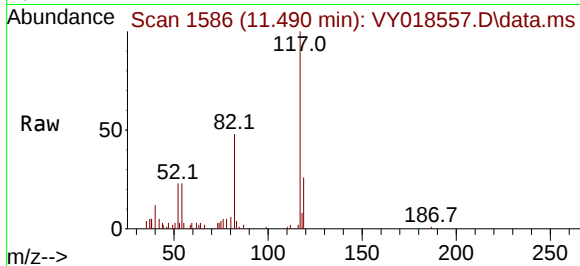




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018557.D
Acq: 11 Jun 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-06072024RE

Tgt Ion:	117	Resp:	6054
Ion	Ratio	Lower	Upper
117	100		
82	47.7	42.4	63.6
119	26.1	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: VY018557.D
Acq: 11 Jun 2024 15:12

Tgt Ion:	152	Resp:	990
Ion	Ratio	Lower	Upper
152	100		
115	71.8	28.2	84.7
150	161.7	0.0	345.6

