

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018806.D
 Acq On : 12 Jul 2024 18:43
 Operator : SY/MD
 Sample : P3227-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-07112024

Quant Time: Jul 12 23:43:54 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	1244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	2047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	794	64.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.720%
35) Dibromofluoromethane	7.710	113	696	54.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.580%
50) Toluene-d8	10.179	98	2107	43.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.760%
62) 4-Bromofluorobenzene	12.489	95	843	50.821	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.640%

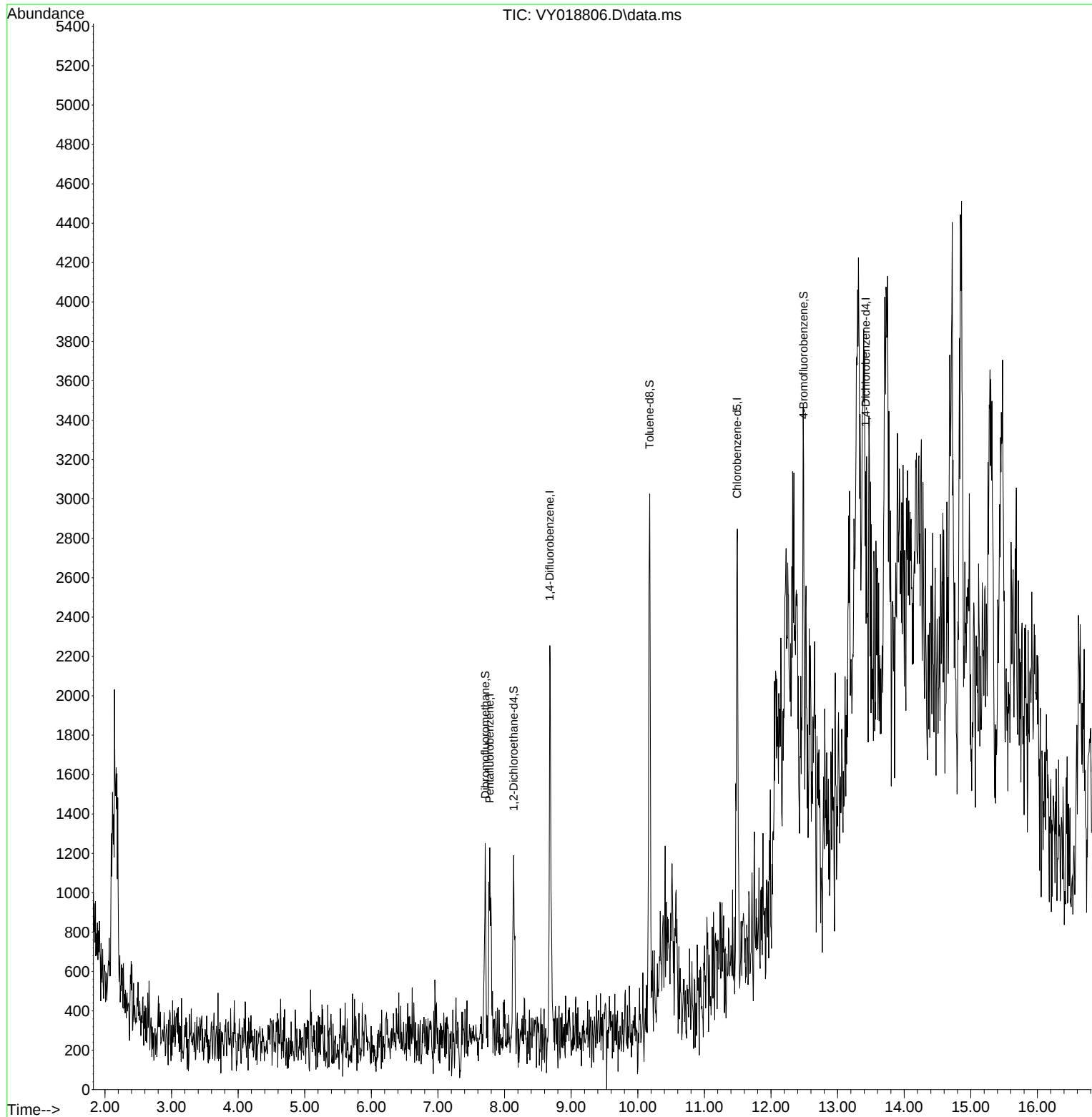
Target Compounds	Qvalue

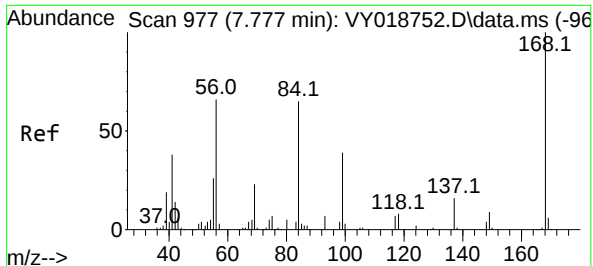
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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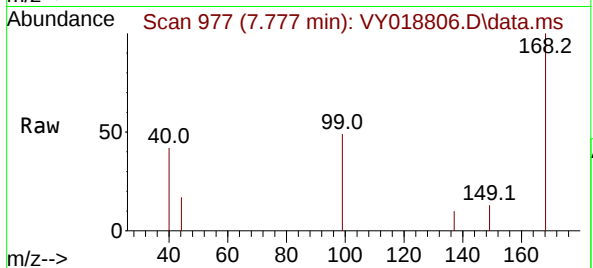
Quant Time: Jul 12 23:43:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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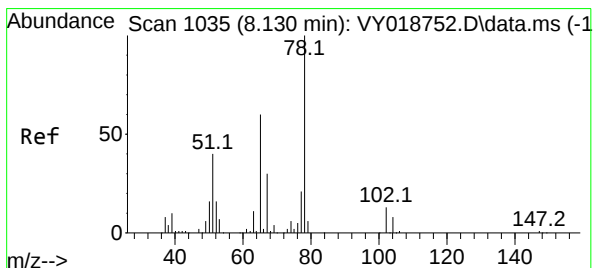
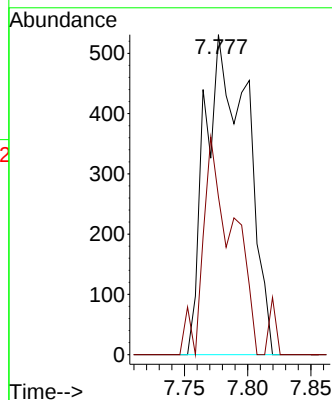
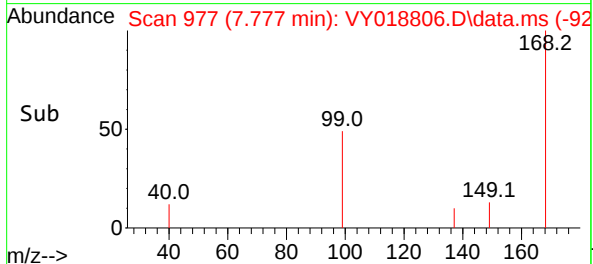


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018806.D
Acq: 12 Jul 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-07112024

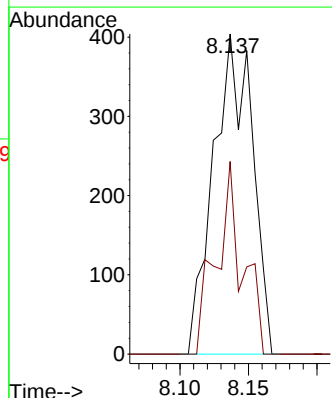
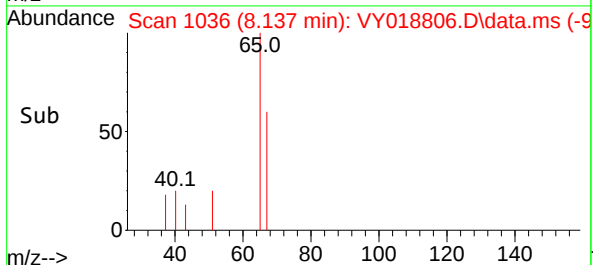
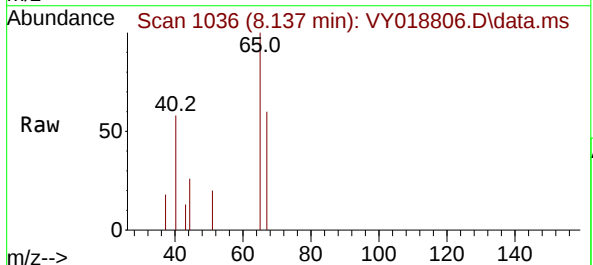


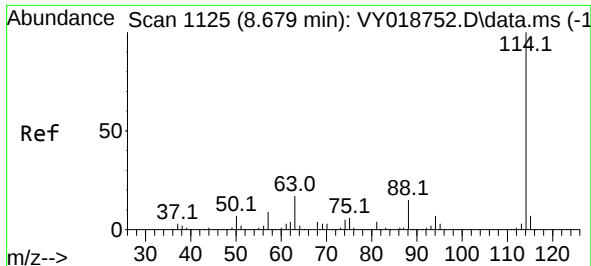
Tgt Ion:168 Resp: 1244
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 64.863 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018806.D
Acq: 12 Jul 2024 18:43

Tgt Ion: 65 Resp: 794
Ion Ratio Lower Upper
65 100
67 40.7 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: VY018806.D

Acq: 12 Jul 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-07112024

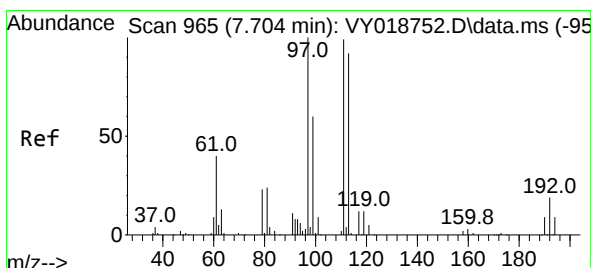
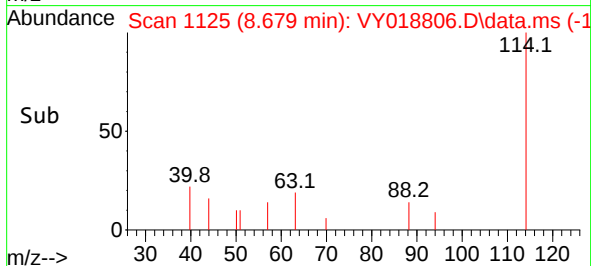
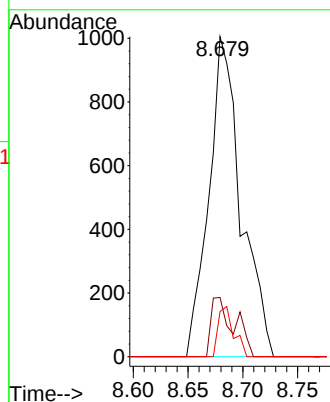
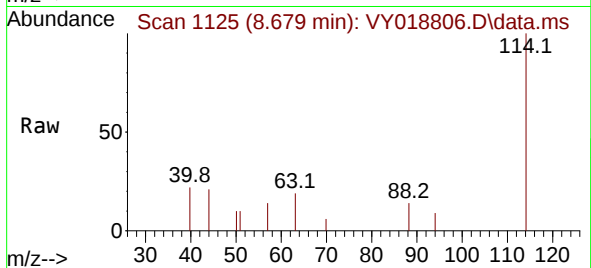
Tgt Ion:114 Resp: 2047

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.287 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018806.D

Acq: 12 Jul 2024 18:43

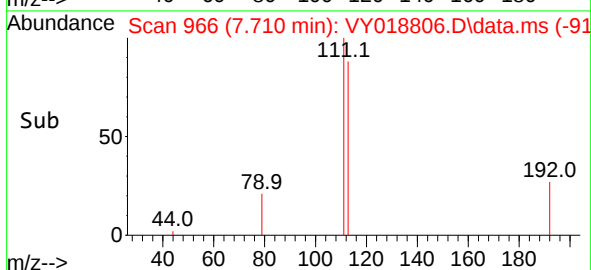
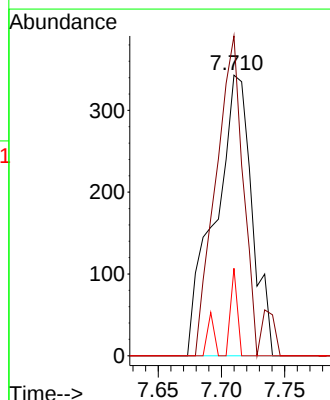
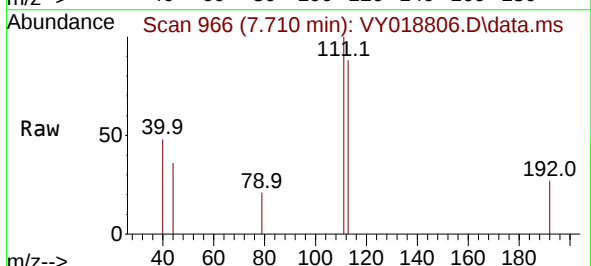
Tgt Ion:113 Resp: 696

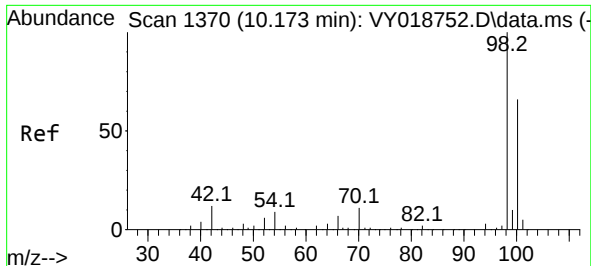
Ion Ratio Lower Upper

113 100

111 89.1 82.2 123.4

192 5.6 15.9 23.9#

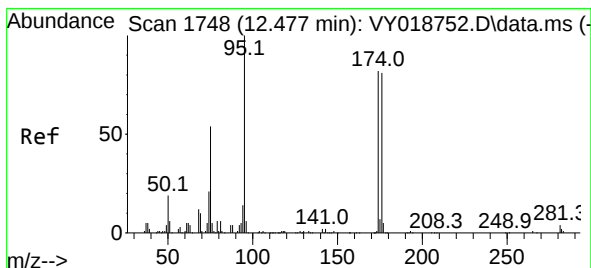
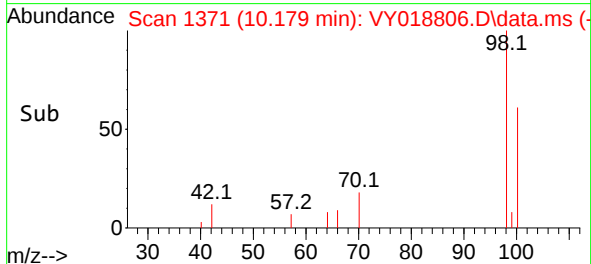
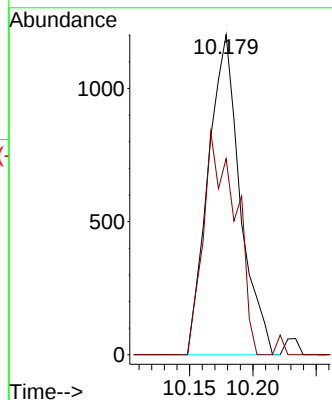
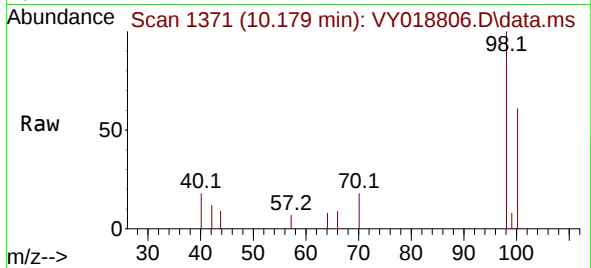




#50
Toluene-d8
Concen: 43.378 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018806.D
Acq: 12 Jul 2024 18:43

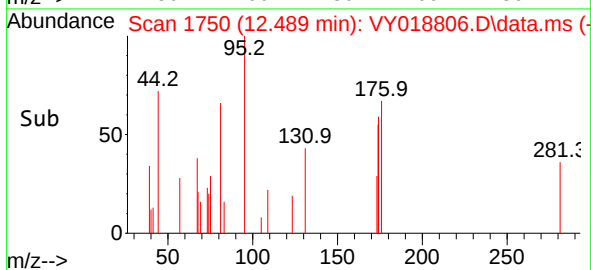
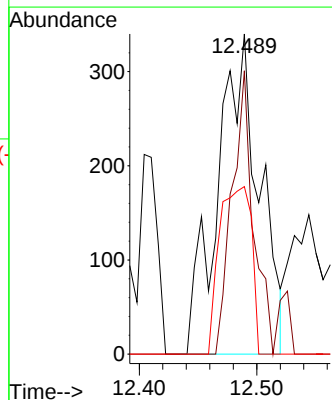
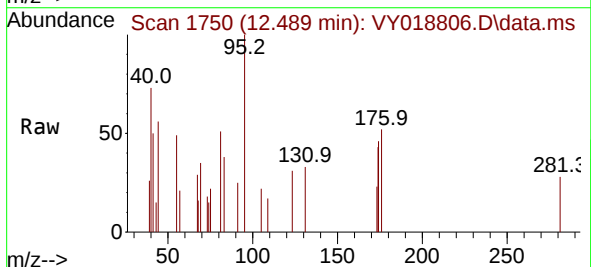
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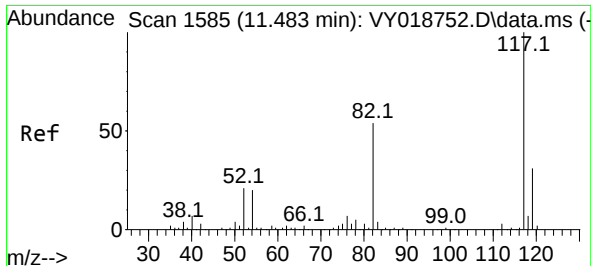
Tgt Ion: 98 Resp: 2107
Ion Ratio Lower Upper
98 100
100 70.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.821 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018806.D
Acq: 12 Jul 2024 18:43

Tgt Ion: 95 Resp: 843
Ion Ratio Lower Upper
95 100
174 45.2 0.0 175.6
176 40.0 0.0 171.4

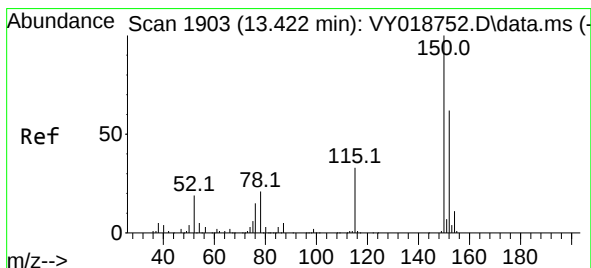
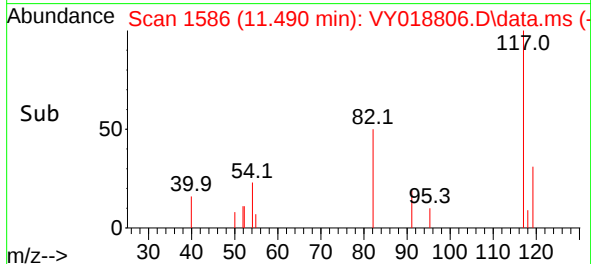
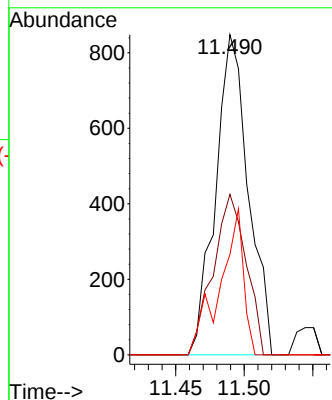
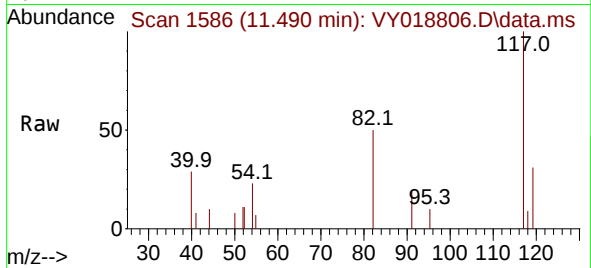




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY018806.D
Acq: 12 Jul 2024 18:43

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-07112024

Tgt Ion:117 Resp: 1418
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 31.4 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: VY018806.D
Acq: 12 Jul 2024 18:43

Tgt Ion:152 Resp: 224
Ion Ratio Lower Upper
152 100
115 29.0 28.2 84.7
150 174.1 0.0 345.6

