

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017532.D
 Acq On : 29 Feb 2024 16:53
 Operator : SY/MD
 Sample : P1621-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-022824-B

Quant Time: Mar 01 00:32:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	125943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	226322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	199589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	62942	52.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.460%
35) Dibromofluoromethane	7.722	113	72927	46.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.480%
50) Toluene-d8	10.185	98	257701	46.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.489	95	68532	39.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.100%

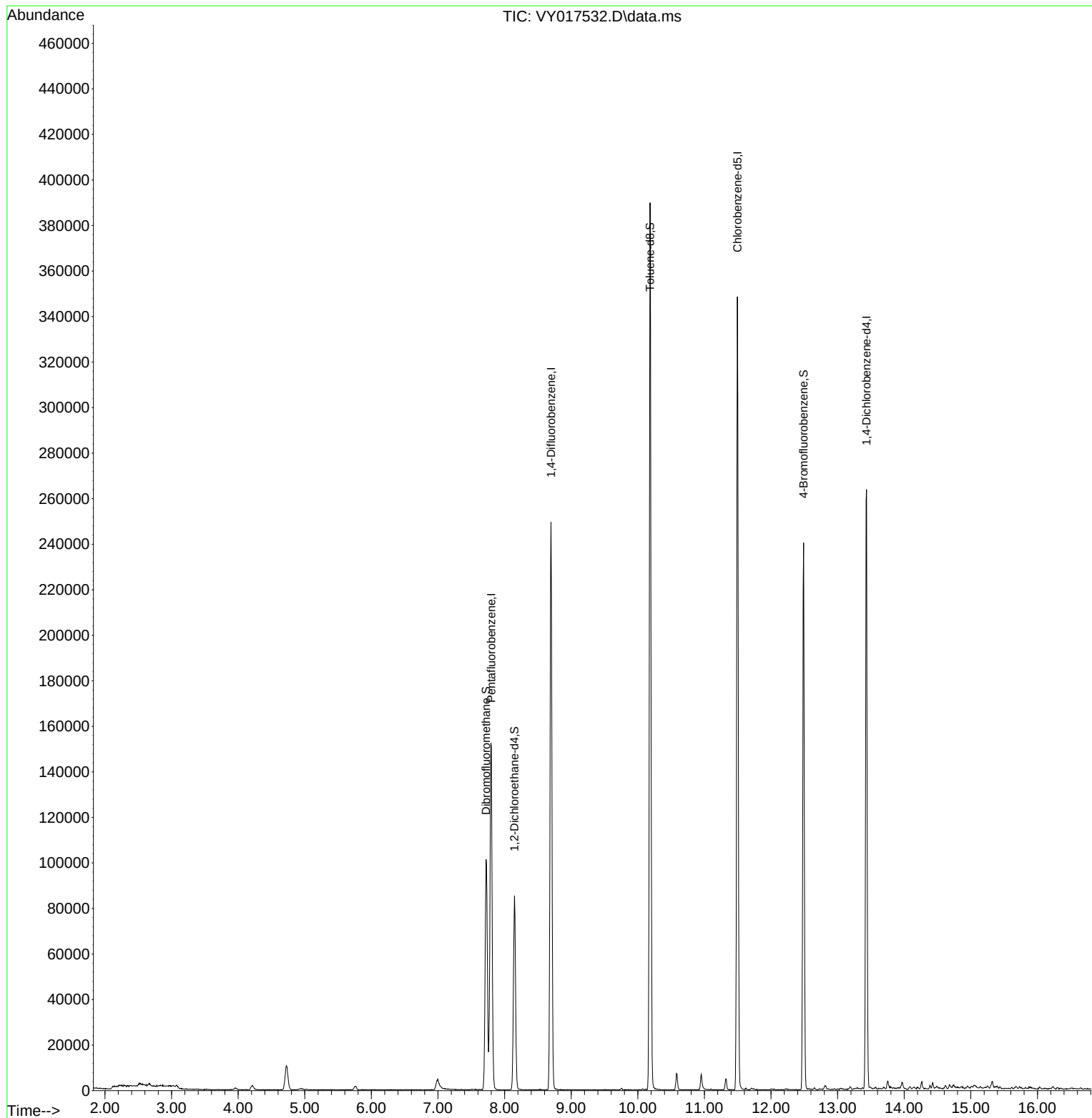
Target Compounds	Qvalue

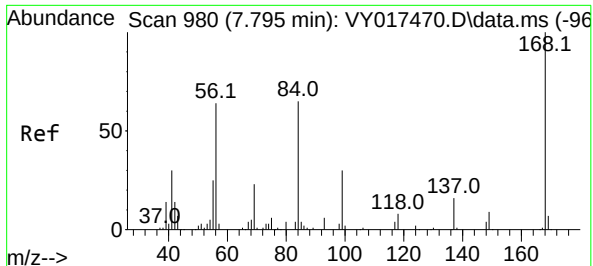
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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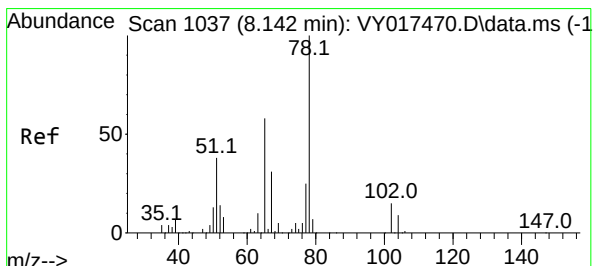
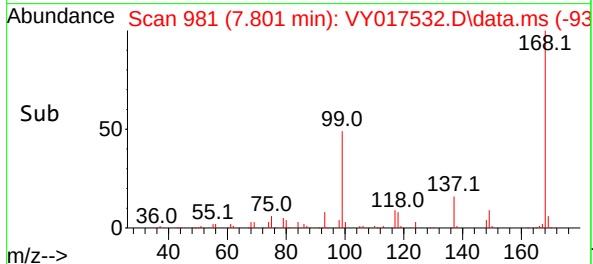
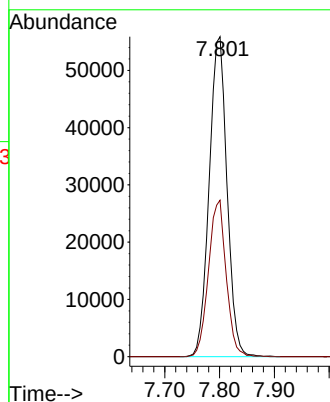
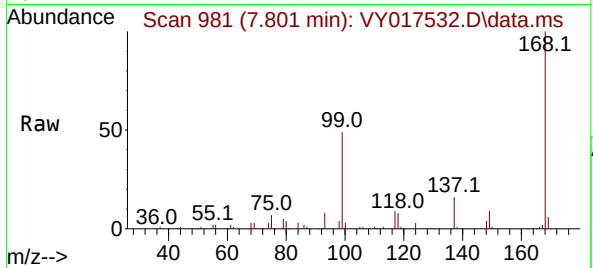




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

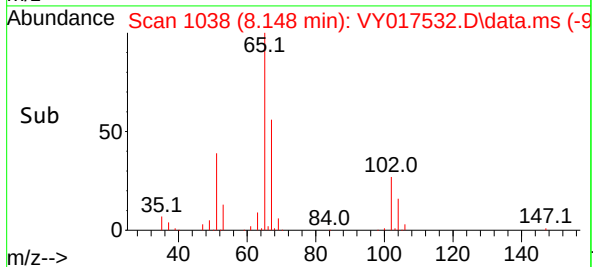
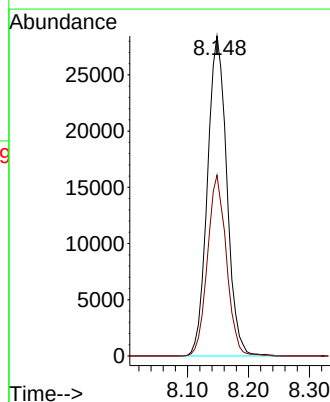
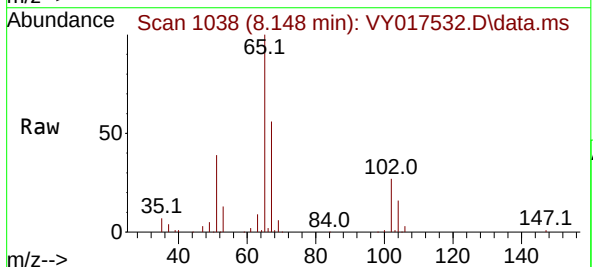
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-B

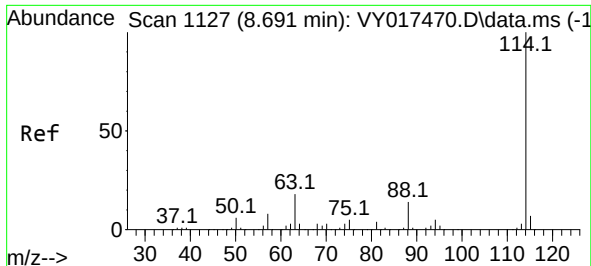
Tgt Ion:168 Resp: 125943
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.733 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Tgt Ion: 65 Resp: 62942
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017532.D

Acq: 29 Feb 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022824-B

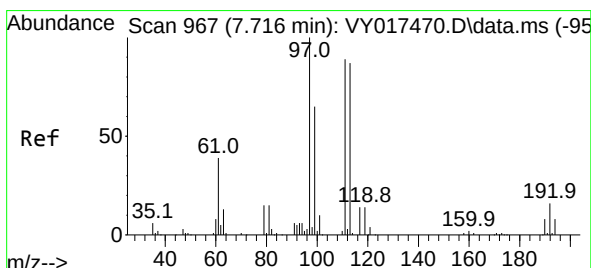
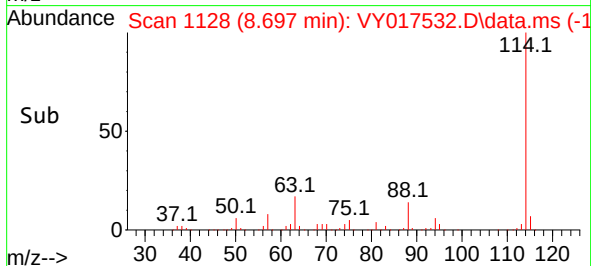
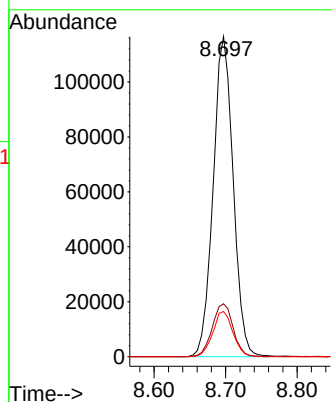
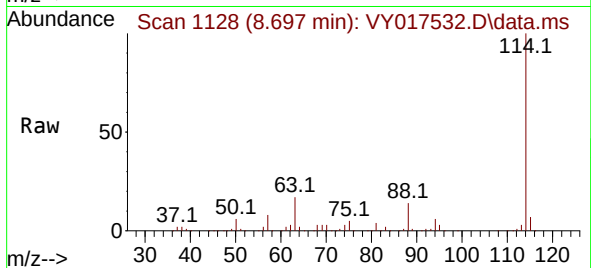
Tgt Ion:114 Resp: 226322

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.242 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017532.D

Acq: 29 Feb 2024 16:53

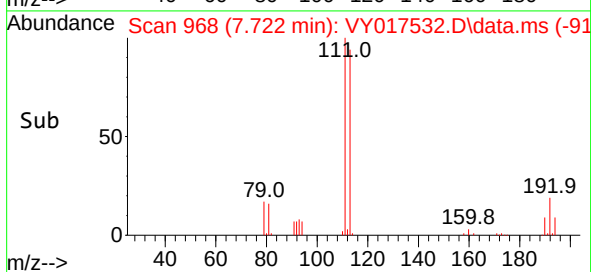
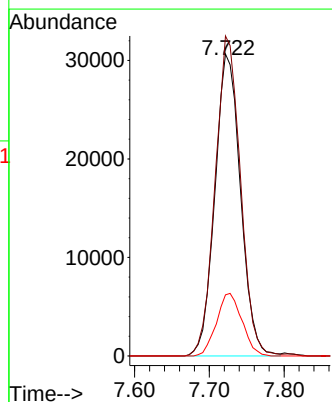
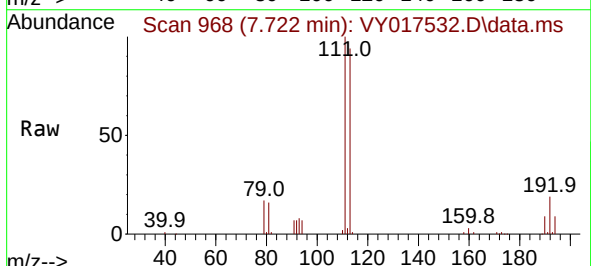
Tgt Ion:113 Resp: 72927

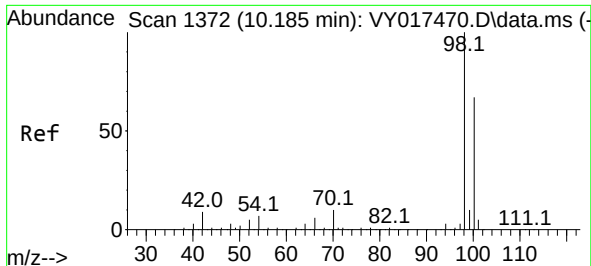
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 20.6 15.9 23.9

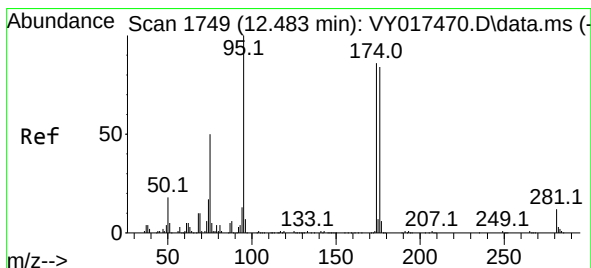
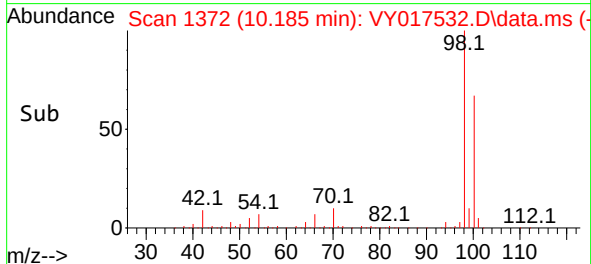
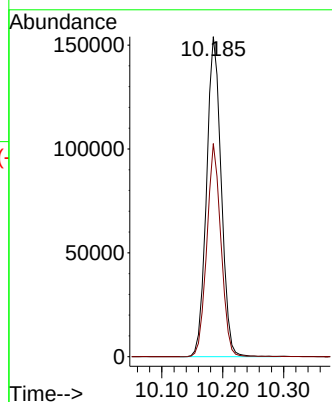
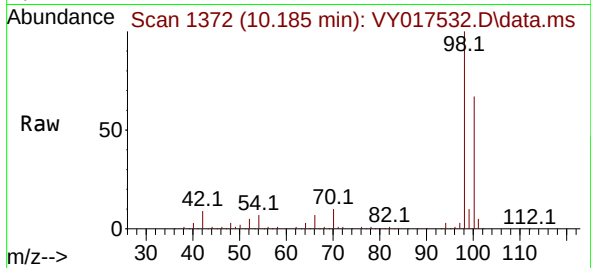




#50
Toluene-d8
Concen: 46.735 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

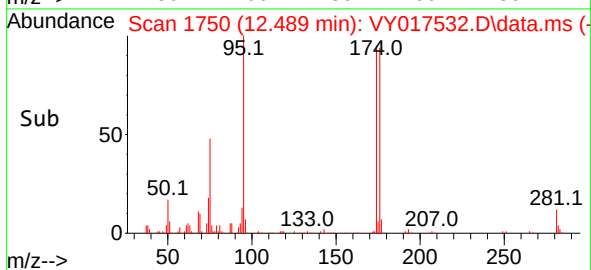
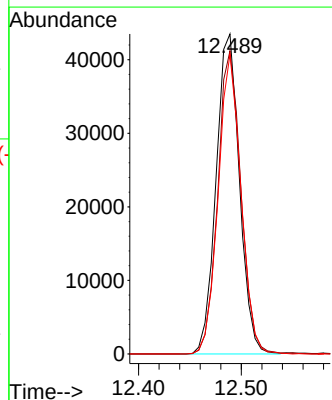
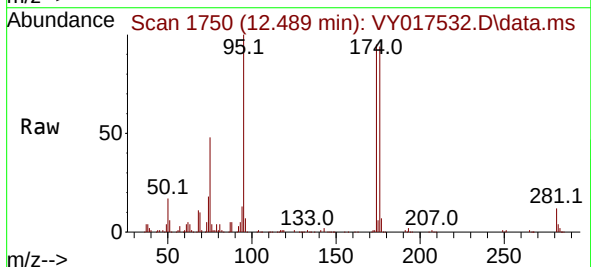
Instrument :
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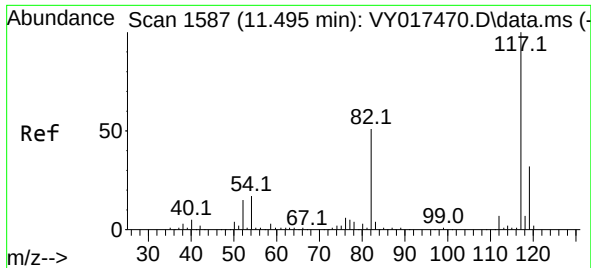
Tgt Ion: 98 Resp: 257701
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.547 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Tgt Ion: 95 Resp: 68532
Ion Ratio Lower Upper
95 100
174 94.1 0.0 175.6
176 91.2 0.0 171.4

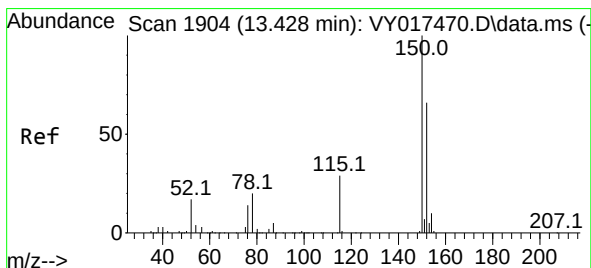
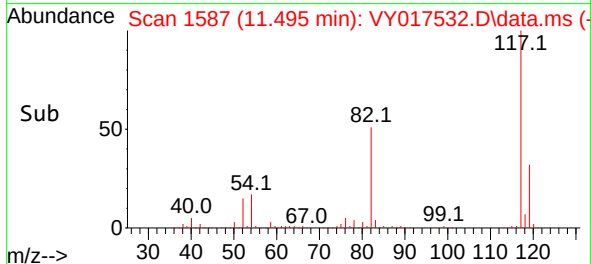
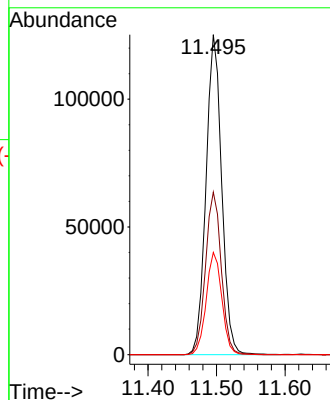
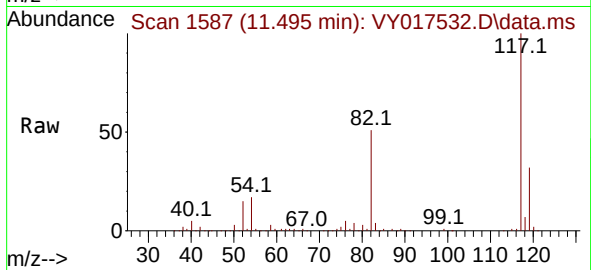




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-B

Tgt Ion:117 Resp: 199589
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Tgt Ion:152 Resp: 72907
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 155.7 0.0 345.6

