

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017522.D
 Acq On : 28 Feb 2024 15:54
 Operator : SY/MD
 Sample : P1622-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-022824

Quant Time: Feb 28 23:14:42 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	7.789	168	26132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	37333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	30984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	9666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10868	43.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.760%
35) Dibromofluoromethane	7.716	113	13242	50.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.185	98	41202	45.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.600%
62) 4-Bromofluorobenzene	12.489	95	9337	32.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.320%

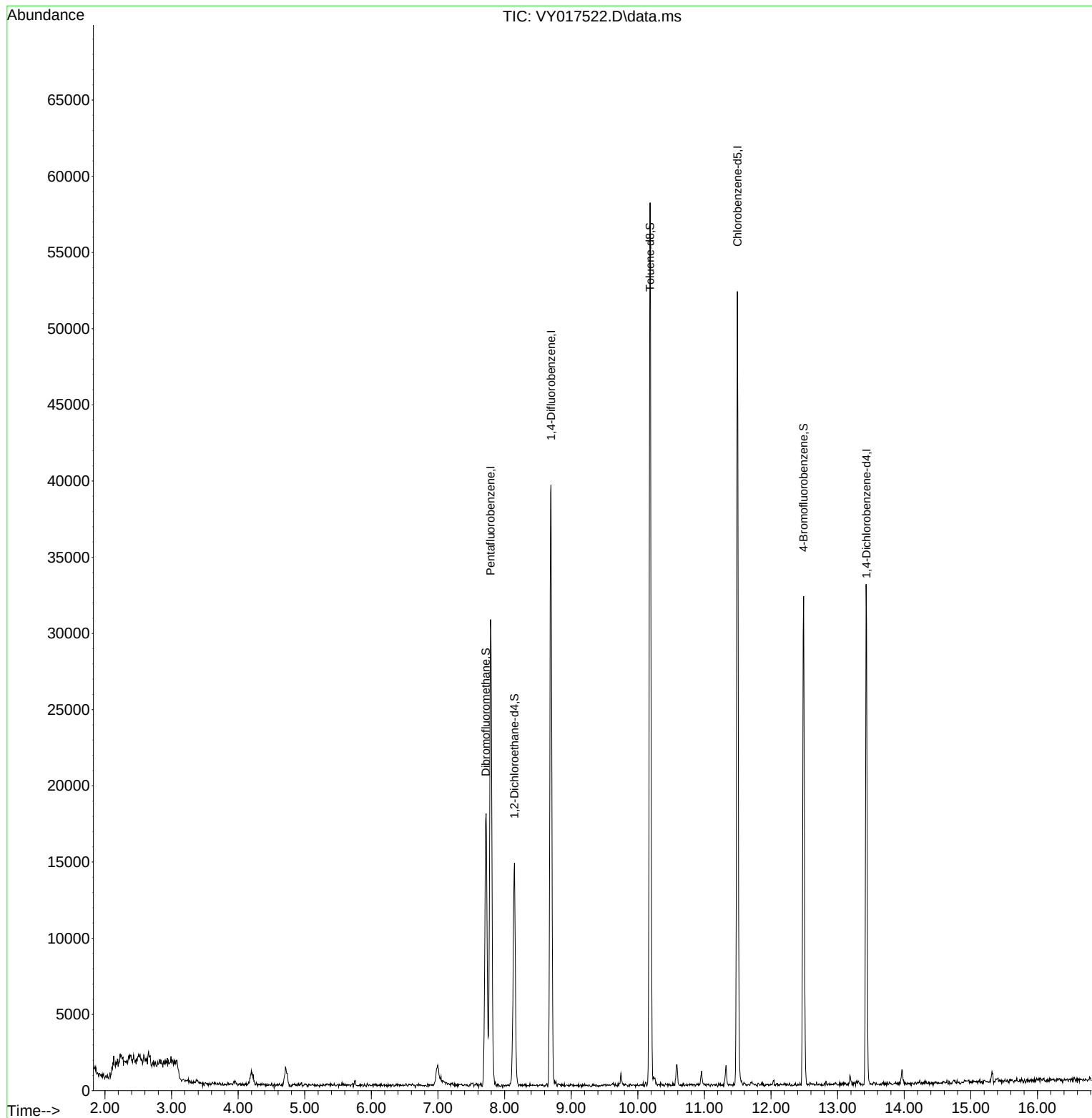
Target Compounds	Qvalue

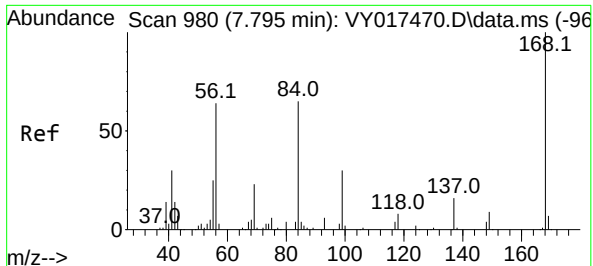
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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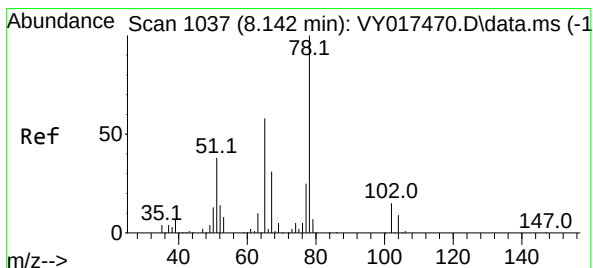
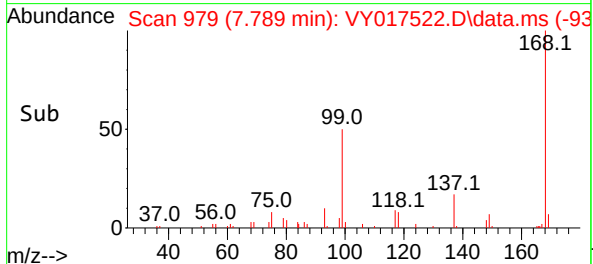
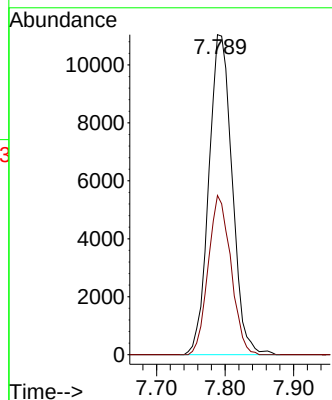
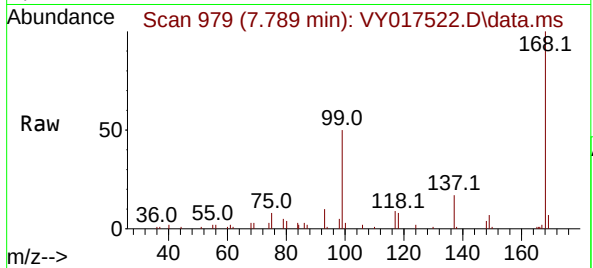




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

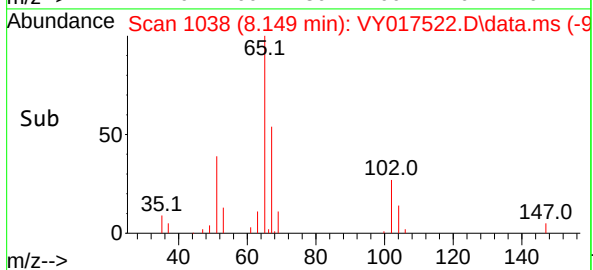
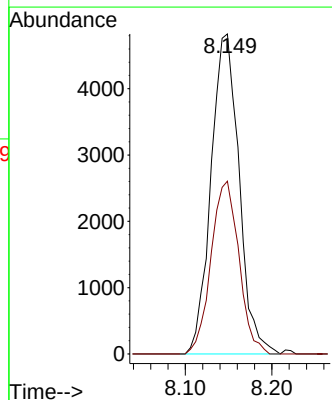
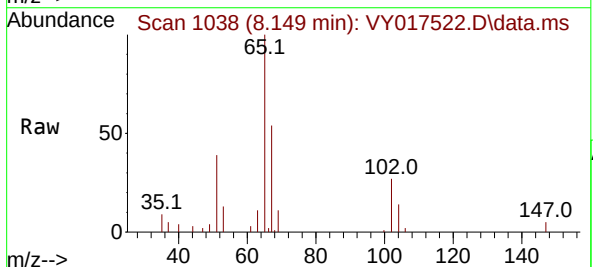
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022824

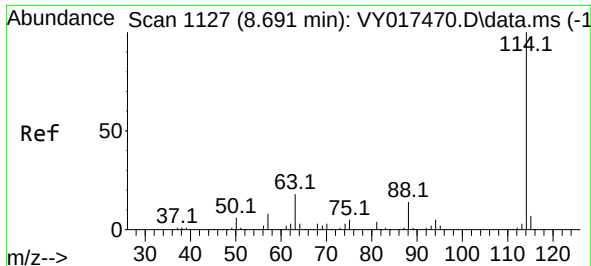
Tgt Ion:168 Resp: 26132
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.883 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Tgt Ion: 65 Resp: 10868
Ion Ratio Lower Upper
65 100
67 53.6 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: VY017522.D

Acq: 28 Feb 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-022824

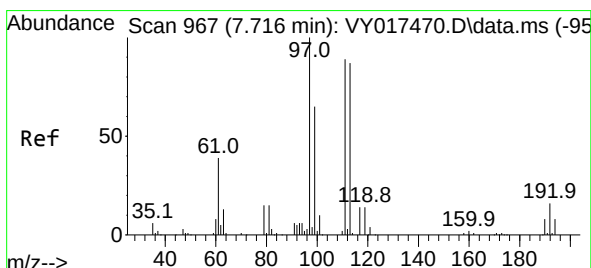
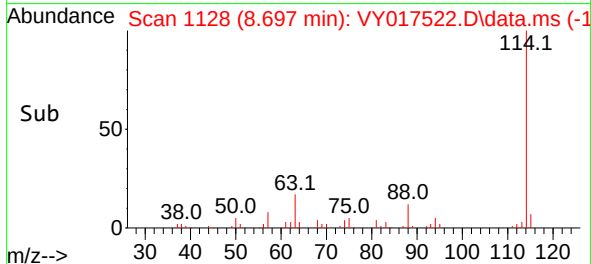
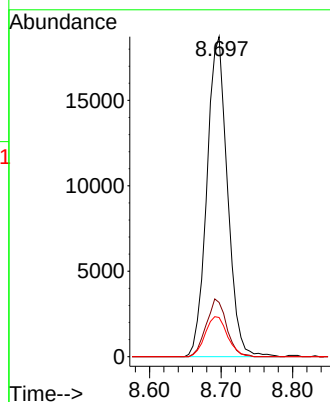
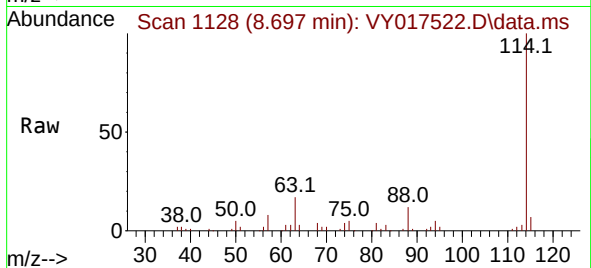
Tgt Ion:114 Resp: 37333

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 12.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.902 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017522.D

Acq: 28 Feb 2024 15:54

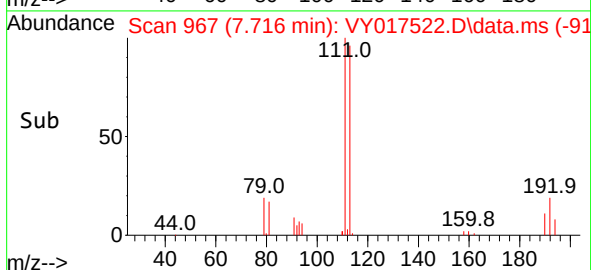
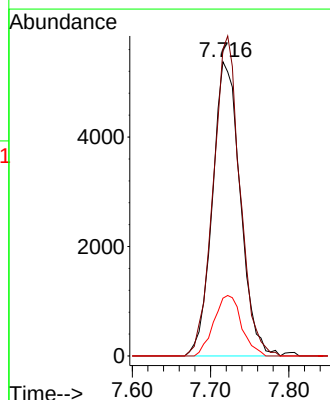
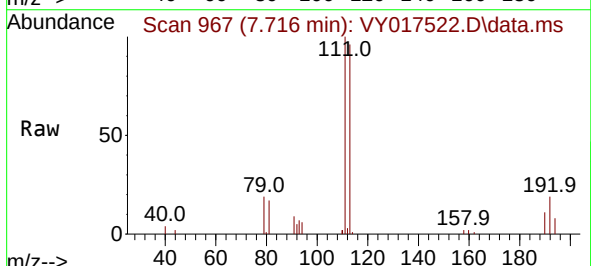
Tgt Ion:113 Resp: 13242

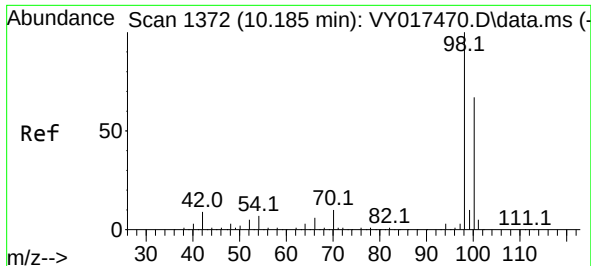
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 20.5 15.9 23.9

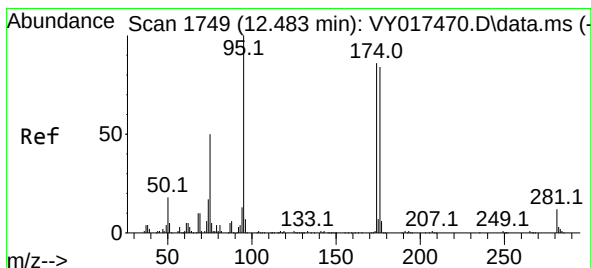
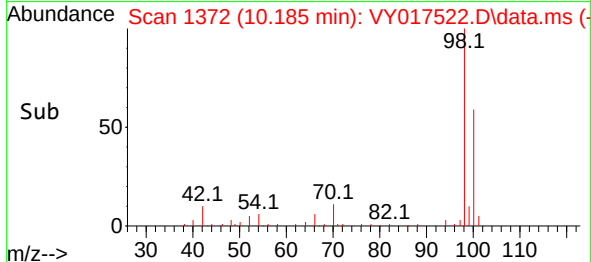
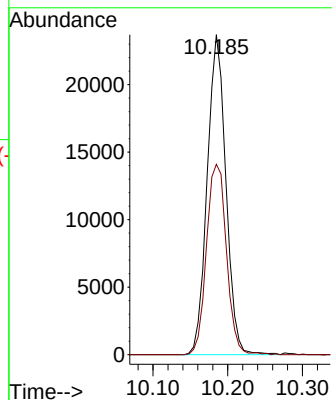
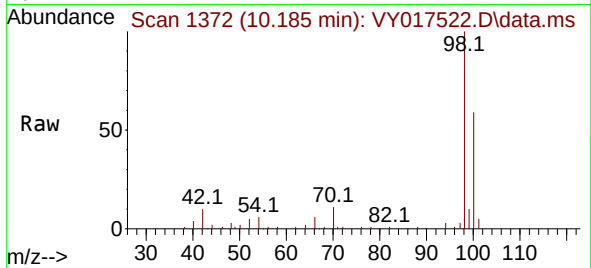




#50
Toluene-d8
Concen: 45.298 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

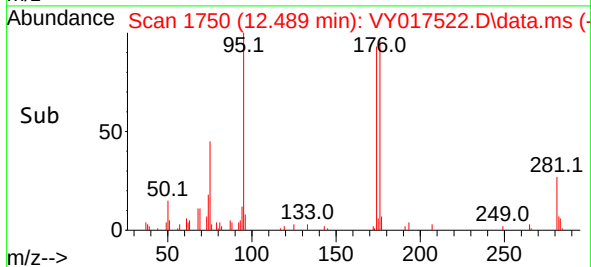
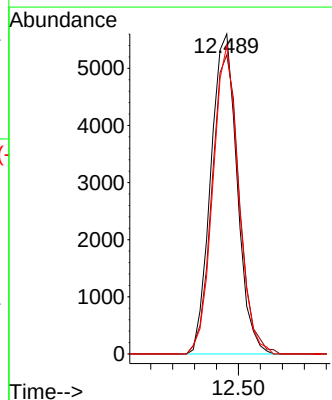
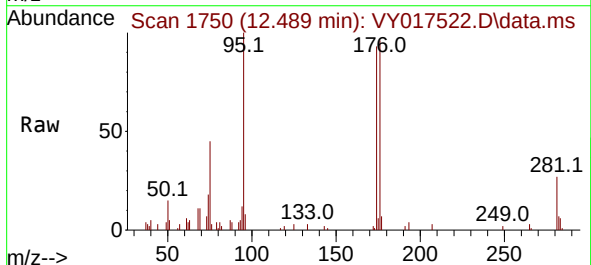
Instrument :
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HD-02-022824

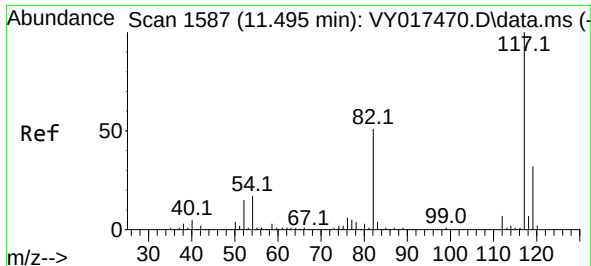
Tgt Ion: 98 Resp: 41202
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.663 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Tgt Ion: 95 Resp: 9337
Ion Ratio Lower Upper
95 100
174 96.7 0.0 175.6
176 93.7 0.0 171.4

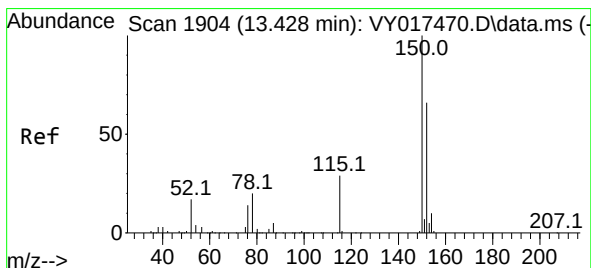
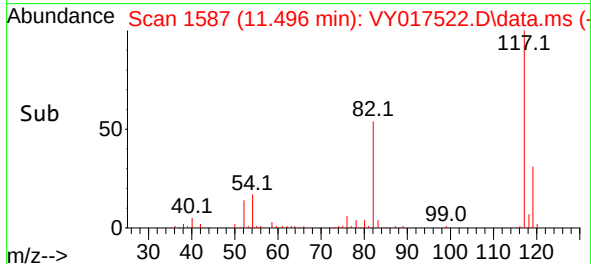
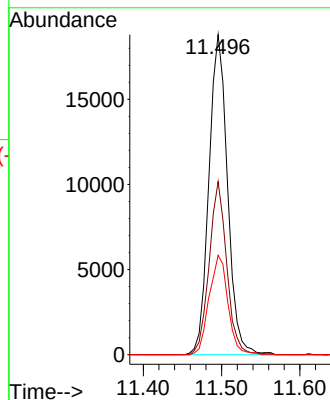
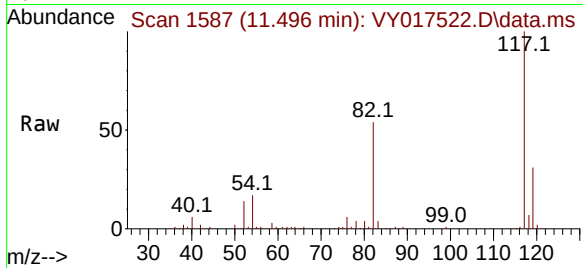




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022824

Tgt Ion:117	Resp:	30984
Ion	Ratio	Lower Upper
117	100	
82	54.1	42.4 63.6
119	31.1	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: VY017522.D
Acq: 28 Feb 2024 15:54

Tgt Ion:152	Resp:	9666
Ion	Ratio	Lower Upper
152	100	
115	52.6	28.2 84.7
150	152.3	0.0 345.6

