

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017018.D
 Acq On : 17 Jan 2024 18:05
 Operator : SY/MD
 Sample : P1140-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-309-37-39RE

Quant Time: Jan 18 00:46:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	4522	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	7988	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	6563	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.446	152	1821	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	5408	121.001	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	242.000%#
35) Dibromofluoromethane	7.746	113	5357	105.241	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	210.480%#
50) Toluene-d8	10.209	98	14909	85.056	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	170.120%#
62) 4-Bromofluorobenzene	12.507	95	3865	65.355	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	130.720%

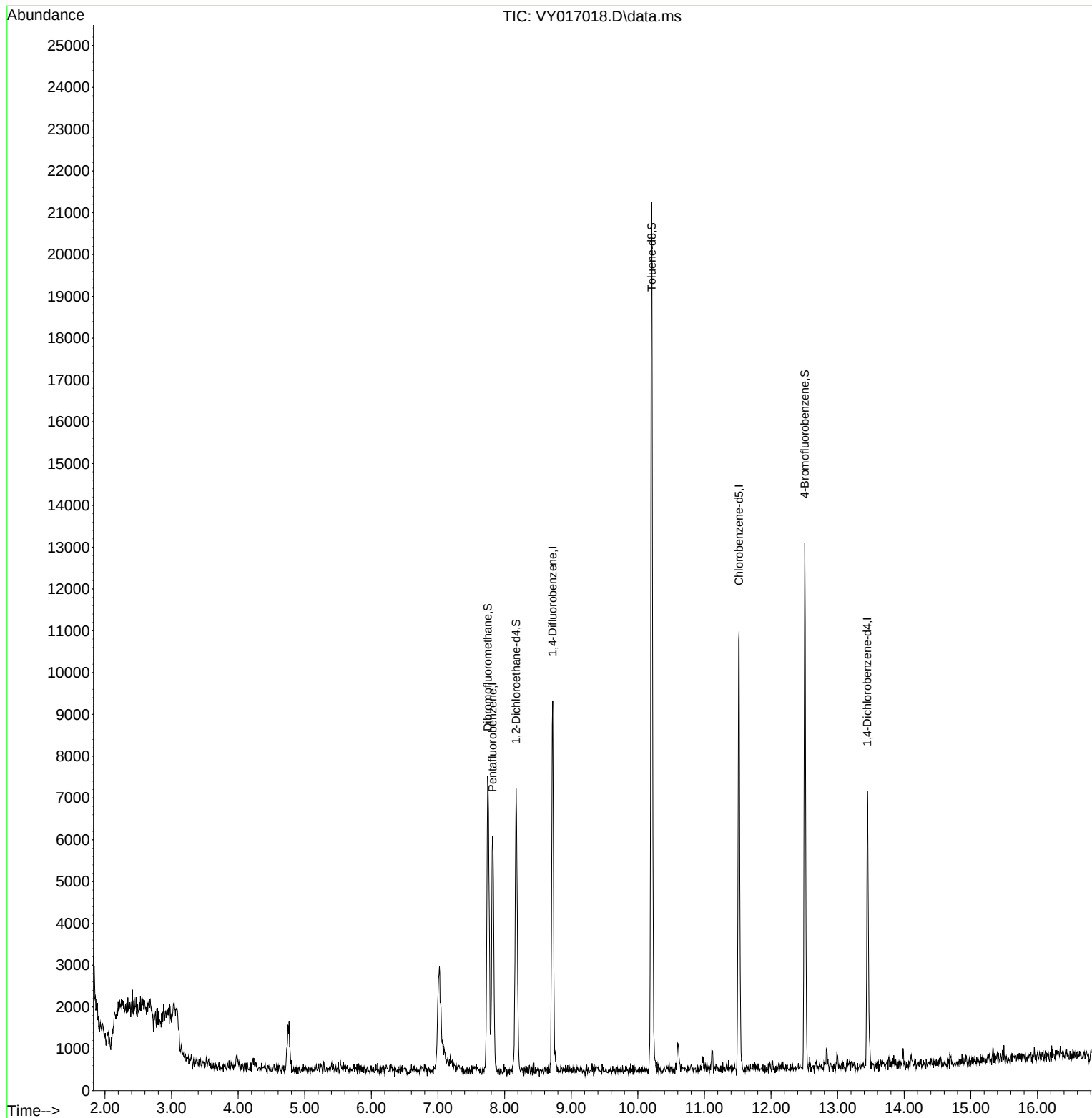
Target Compounds	Qvalue

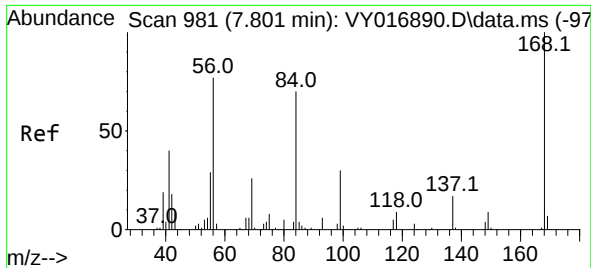
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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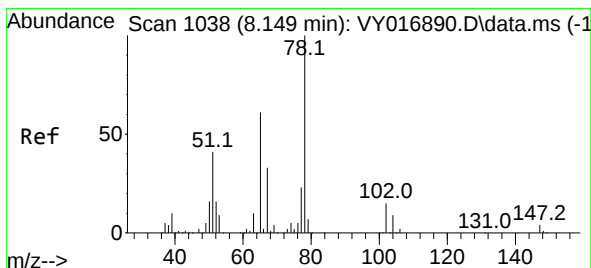
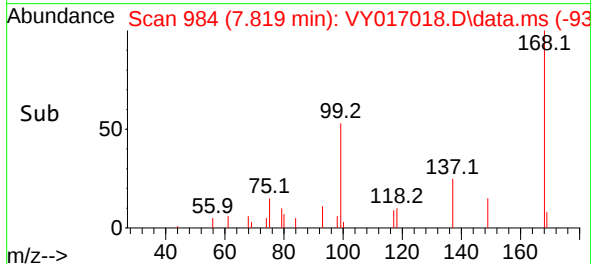
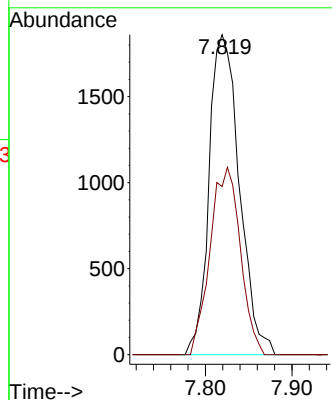
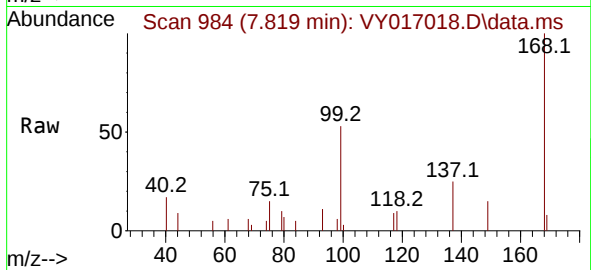




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017018.D
Acq: 17 Jan 2024 18:05

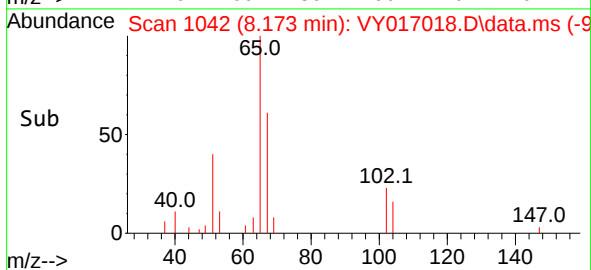
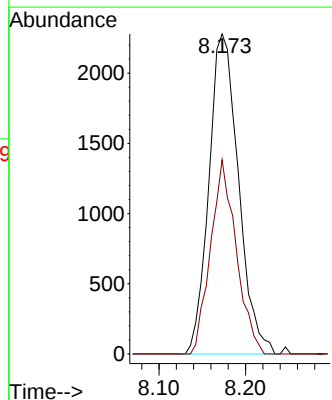
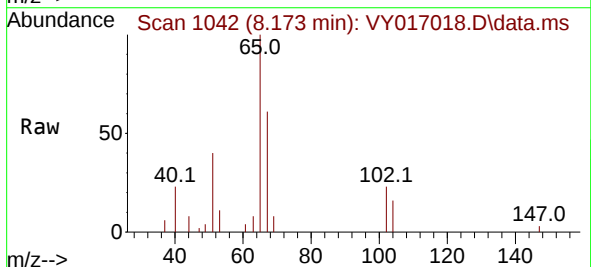
Instrument :
MSVOA_Y
ClientSampleId :
MR-309-37-39RE

Tgt Ion:168 Resp: 4522
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 121.001 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017018.D
Acq: 17 Jan 2024 18:05

Tgt Ion: 65 Resp: 5408
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017018.D

Acq: 17 Jan 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :

MR-309-37-39RE

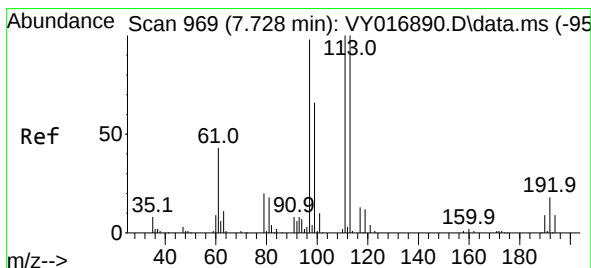
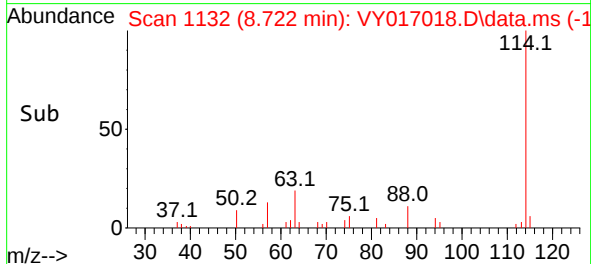
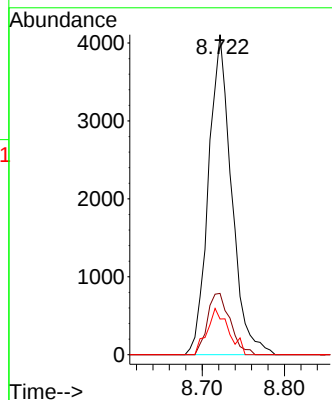
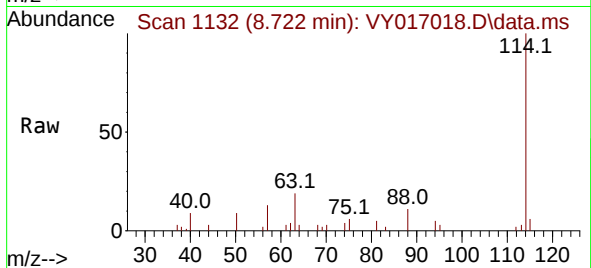
Tgt Ion:114 Resp: 7988

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 11.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 105.241 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017018.D

Acq: 17 Jan 2024 18:05

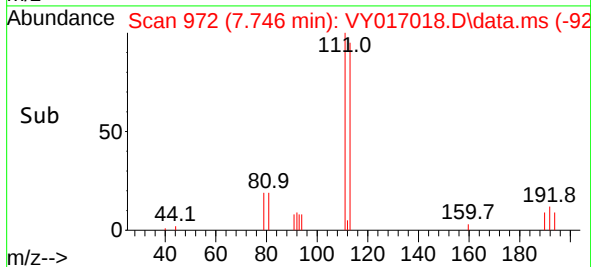
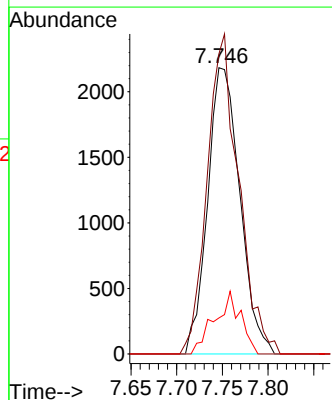
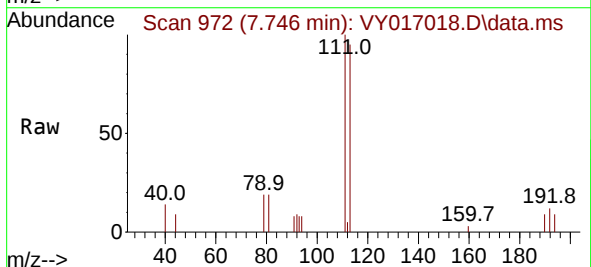
Tgt Ion:113 Resp: 5357

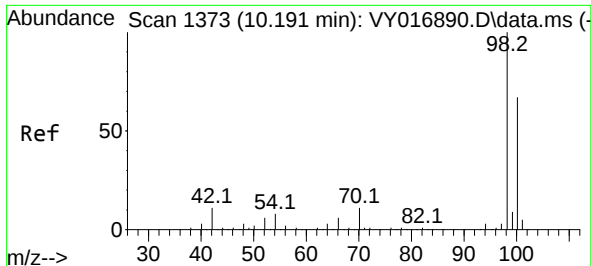
Ion Ratio Lower Upper

113 100

111 109.1 83.8 125.6

192 17.6 14.5 21.7

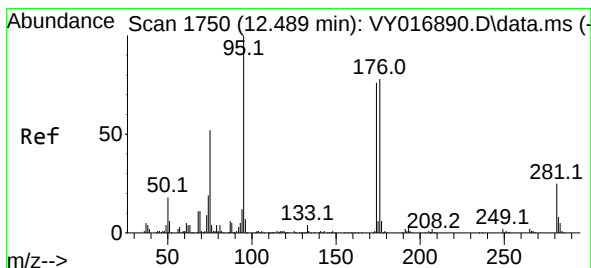
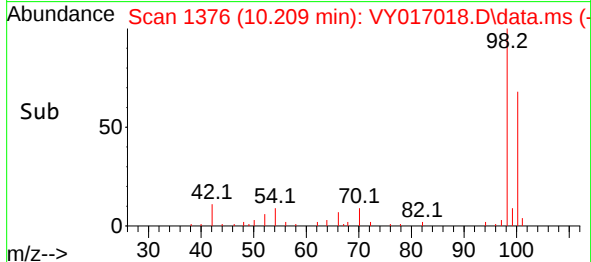
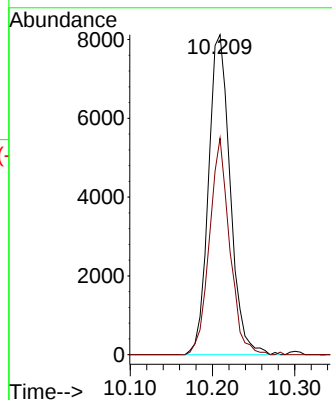
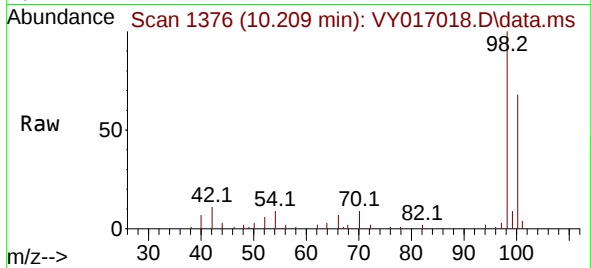




#50
Toluene-d8
Concen: 85.056 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017018.D
Acq: 17 Jan 2024 18:05

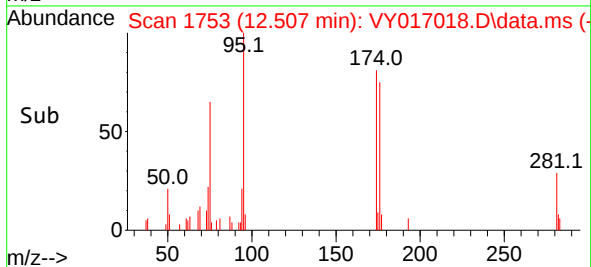
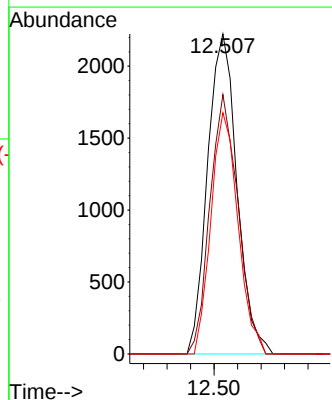
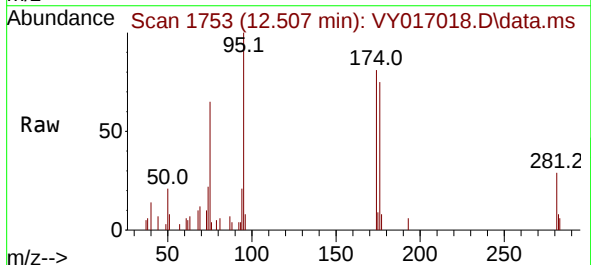
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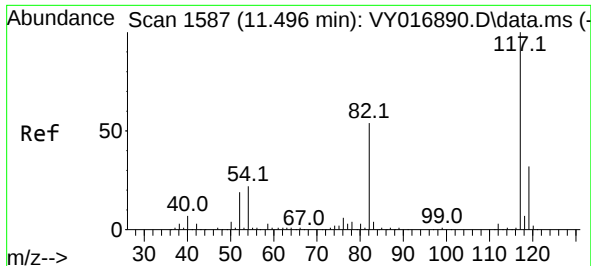
Tgt Ion: 98 Resp: 14909
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 65.355 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY017018.D
Acq: 17 Jan 2024 18:05

Tgt Ion: 95 Resp: 3865
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.0
176 69.4 0.0 151.8

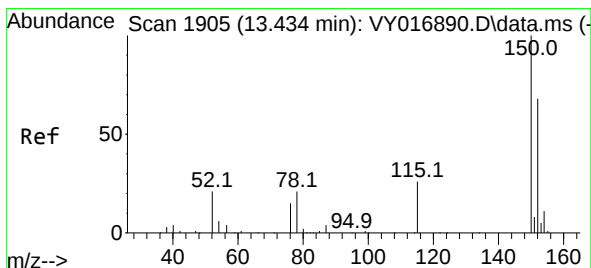
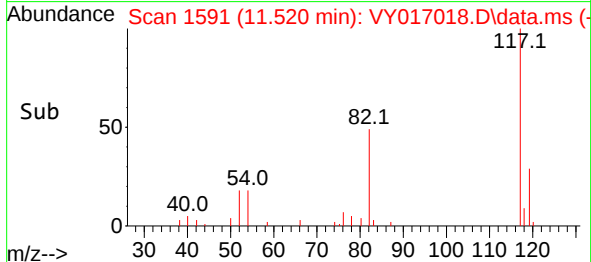
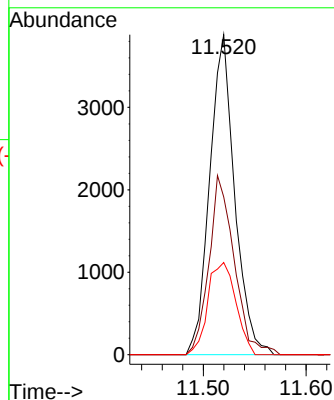
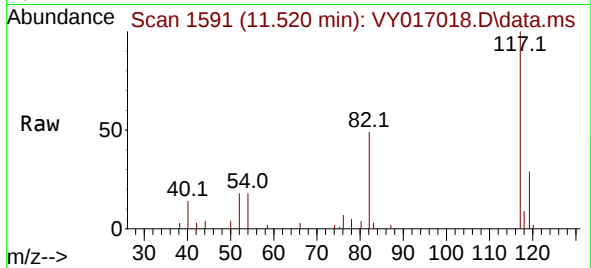




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017018.D
Acq: 17 Jan 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :
MR-309-37-39RE

Tgt Ion:117	Resp:	6563
Ion	Ratio	Lower Upper
117	100	
82	49.3	43.8 65.8
119	28.8	26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017018.D
Acq: 17 Jan 2024 18:05

Tgt Ion:152	Resp:	1821
Ion	Ratio	Lower Upper
152	100	
115	59.9	30.0 90.0
150	160.8	0.0 344.6

