

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017837.D
 Acq On : 03 Apr 2024 15:46
 Operator : SY/MD
 Sample : P1957-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NM-DRUMS-040224RE

Quant Time: Apr 04 01:13:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	974	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	1978	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	1754	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1015	120.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 240.860%#	
35) Dibromofluoromethane	7.728	113	343	30.009	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 60.020%	
50) Toluene-d8	10.191	98	2457	57.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.100%	
62) 4-Bromofluorobenzene	12.495	95	417	32.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 64.200%	

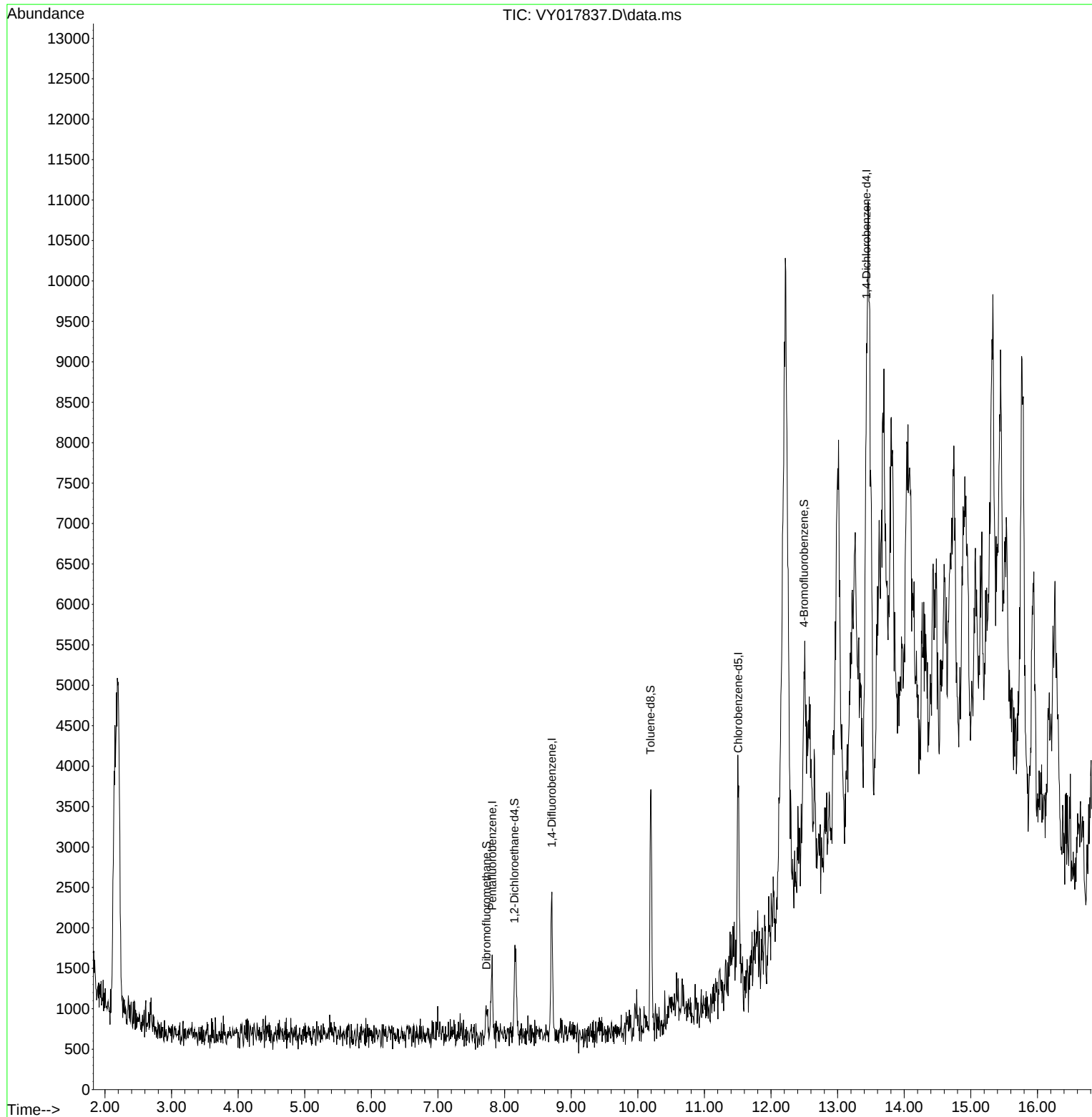
Target Compounds Qvalue

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

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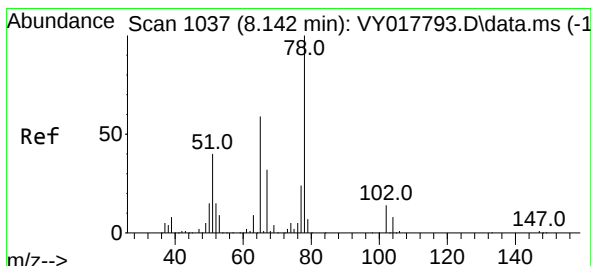
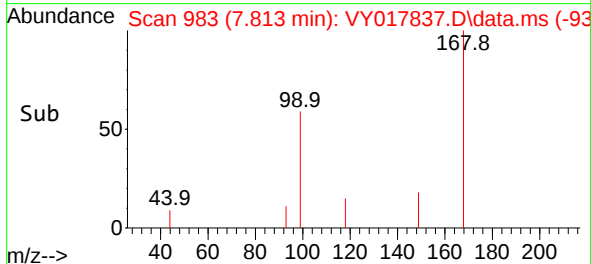
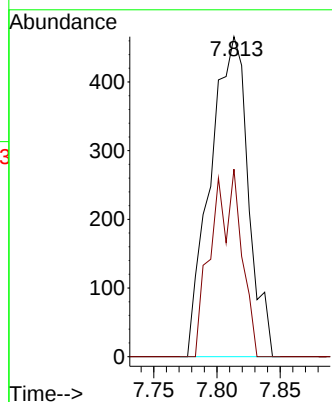
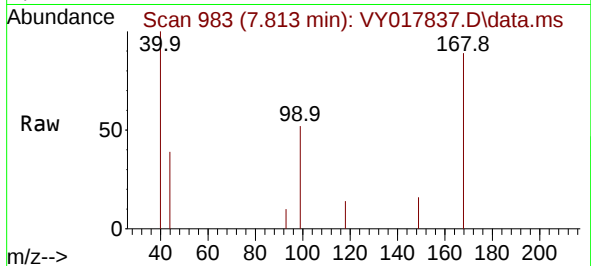




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017837.D
Acq: 03 Apr 2024 15:46

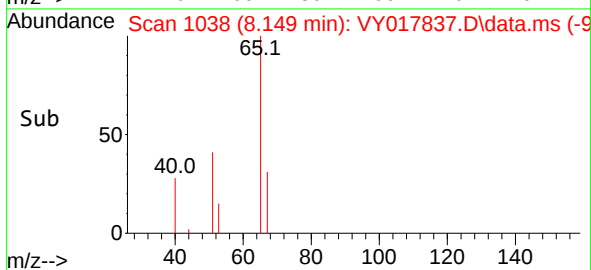
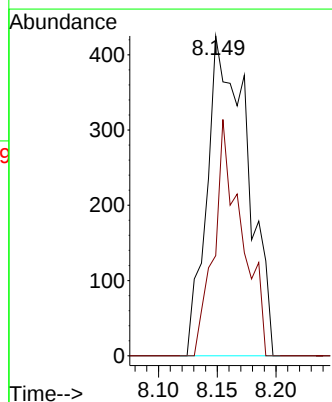
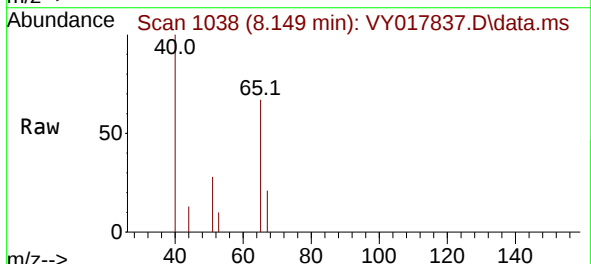
Instrument :
MSVOA_Y
ClientSampleId :
NM-DRUMS-040224RE

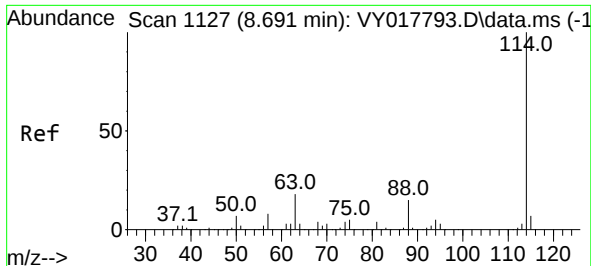
Tgt Ion:168 Resp: 974
Ion Ratio Lower Upper
168 100
99 58.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 120.426 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017837.D
Acq: 03 Apr 2024 15:46

Tgt Ion: 65 Resp: 1015
Ion Ratio Lower Upper
65 100
67 50.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1127

Delta R.T. 0.018 min

Lab File: VY017837.D

Acq: 03 Apr 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

NM-DRUMS-040224RE

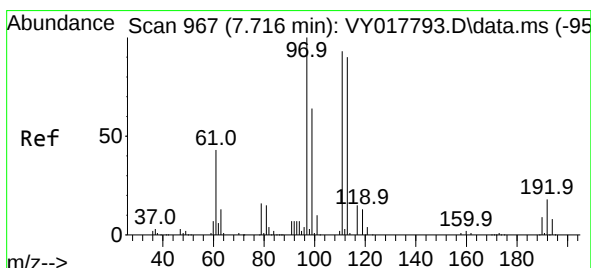
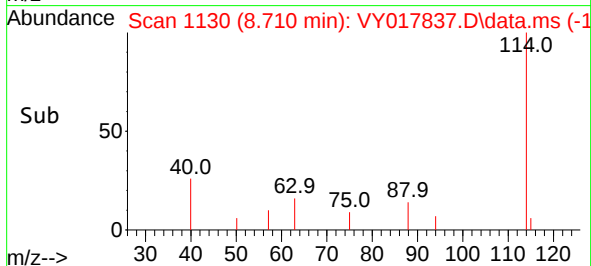
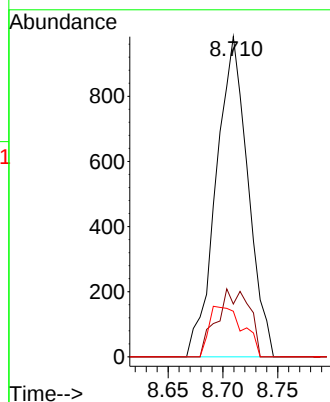
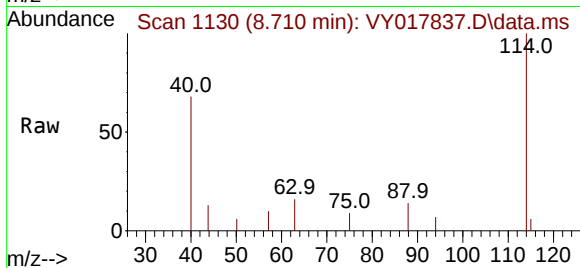
Tgt Ion:114 Resp: 1978

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 30.009 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017837.D

Acq: 03 Apr 2024 15:46

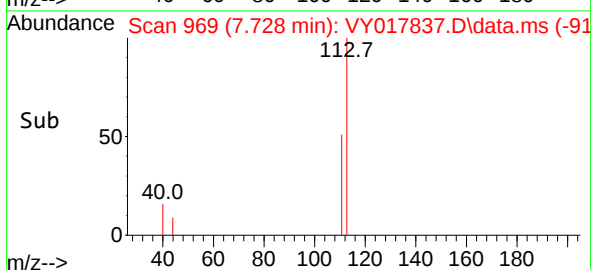
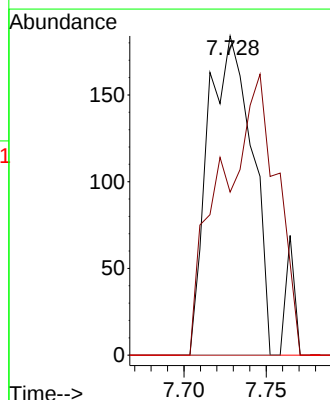
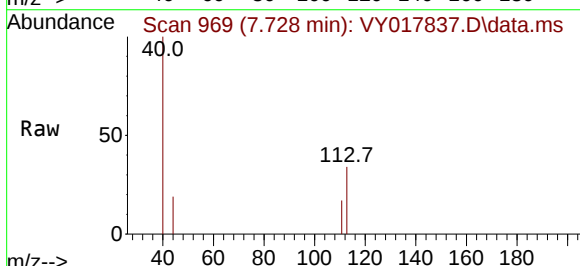
Tgt Ion:113 Resp: 343

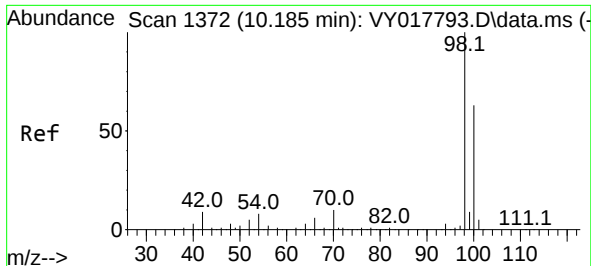
Ion Ratio Lower Upper

113 100

111 110.8 82.2 123.4

192 0.0 15.9 23.9#

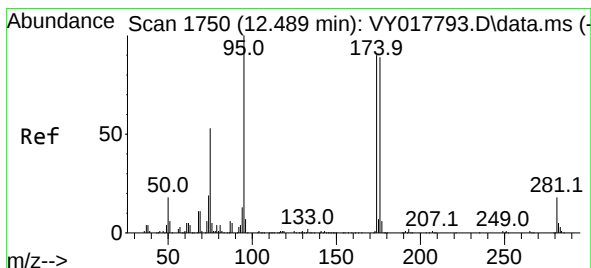
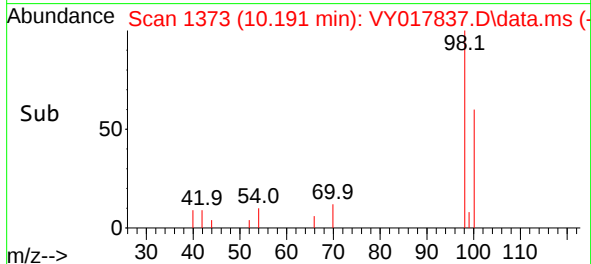
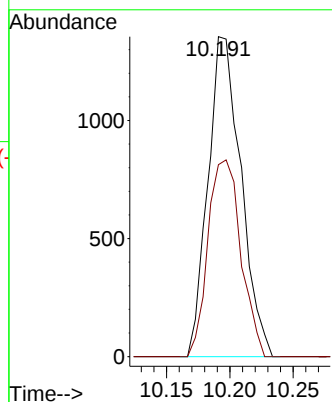
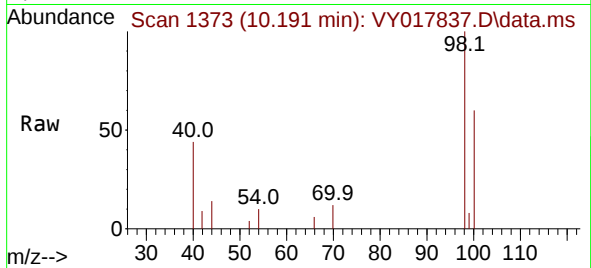




#50
Toluene-d8
Concen: 57.548 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017837.D
Acq: 03 Apr 2024 15:46

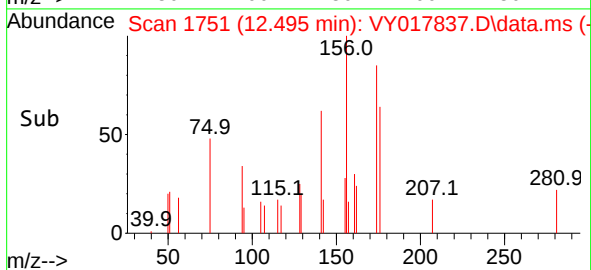
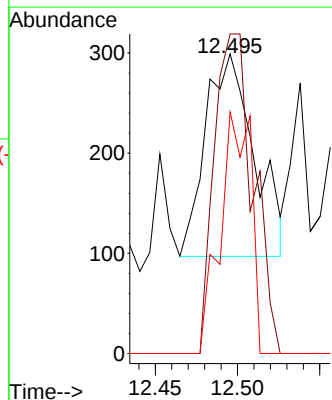
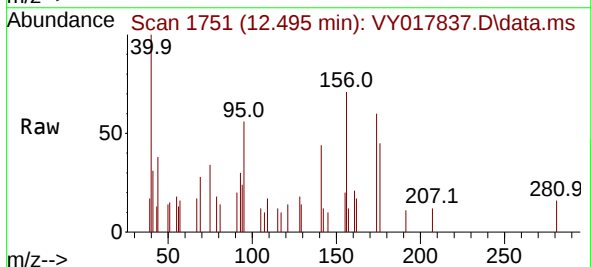
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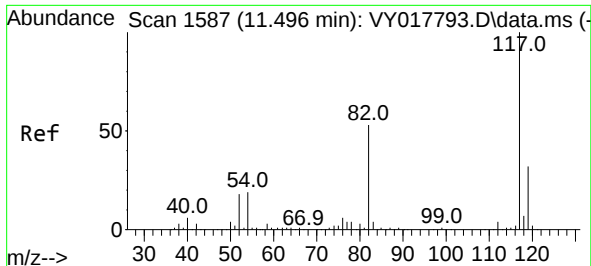
Tgt Ion: 98 Resp: 2457
Ion Ratio Lower Upper
98 100
100 61.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.102 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017837.D
Acq: 03 Apr 2024 15:46

Tgt Ion: 95 Resp: 417
Ion Ratio Lower Upper
95 100
174 126.1 0.0 175.6
176 75.5 0.0 171.4

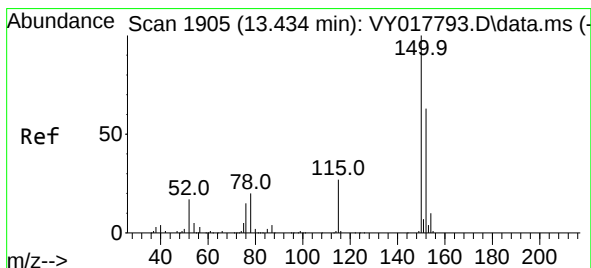
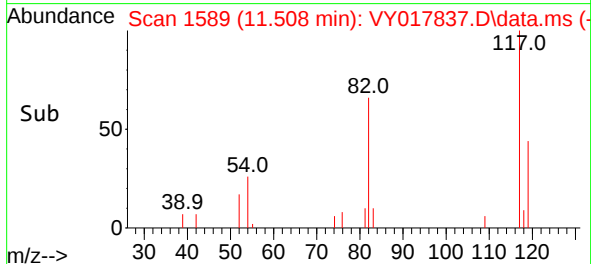
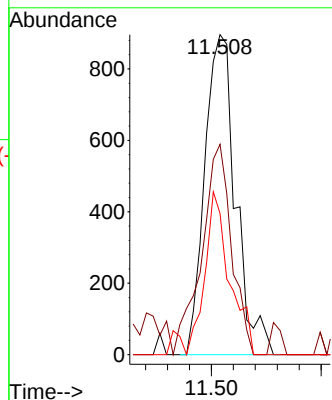
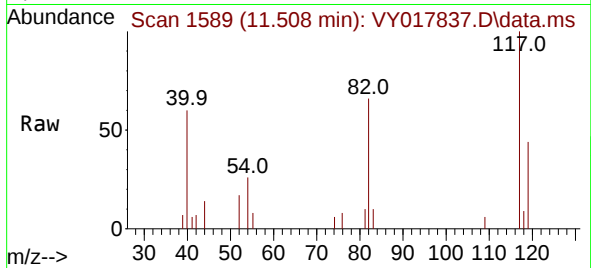




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1158
Delta R.T. 0.012 min
Lab File: VY017837.D
Acq: 03 Apr 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :
NM-DRUMS-040224RE

Tgt Ion:117 Resp: 1754
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 44.1 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017837.D
Acq: 03 Apr 2024 15:46

Tgt Ion:152 Resp: 584
Ion Ratio Lower Upper
152 100
115 29.8 28.2 84.7
150 94.5 0.0 345.6

