

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017340.D
 Acq On : 09 Feb 2024 15:32
 Operator : SY/MD
 Sample : P1428-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-020824

Quant Time: Feb 09 22:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

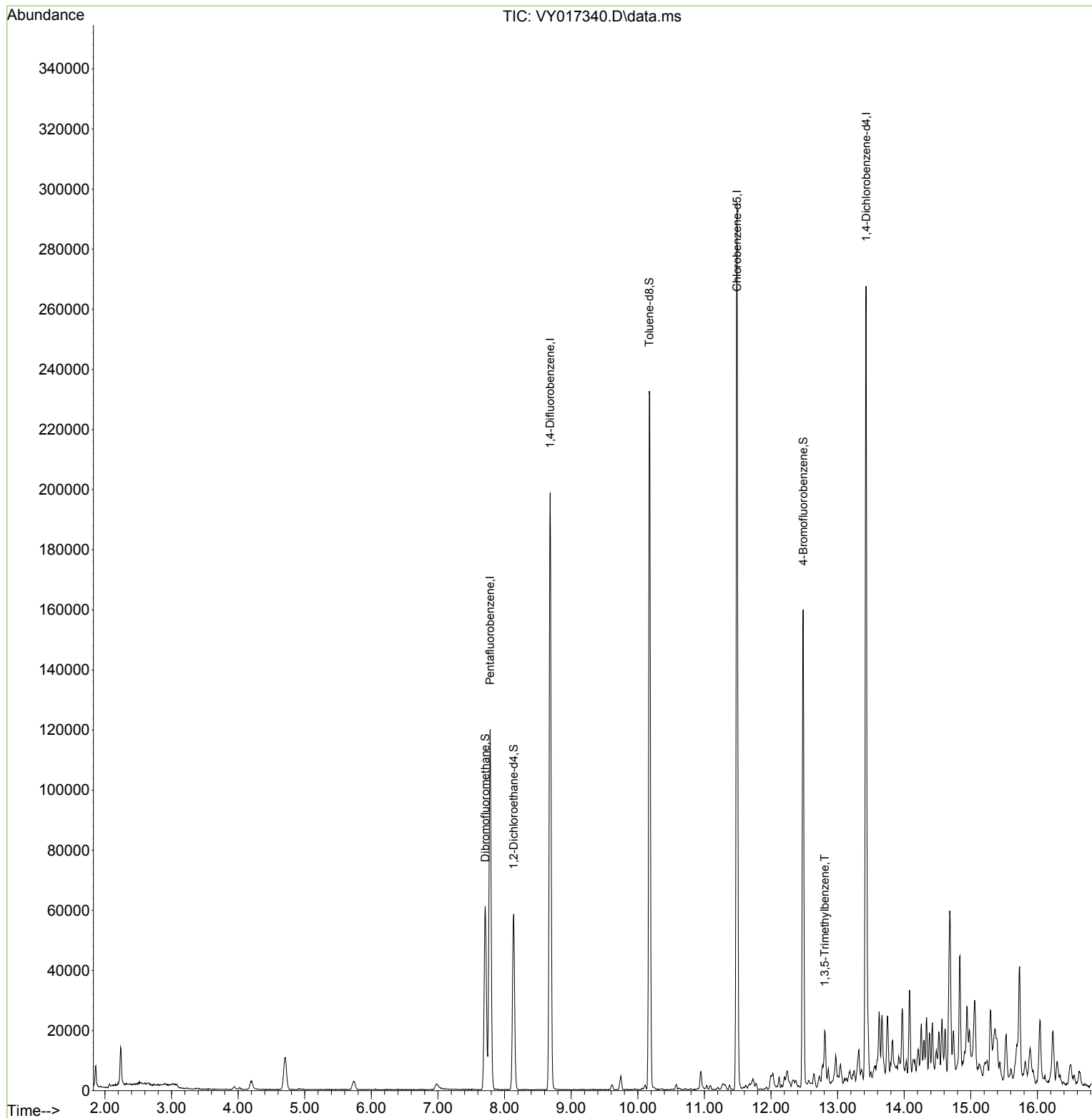
Internal Standards						
1) Pentafluorobenzene	7.783	168	88786	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	172846	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	157531	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	66500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	43583	54.949	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.900%	
35) Dibromofluoromethane	7.710	113	44213	47.375	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.740%	
50) Toluene-d8	10.173	98	157097	46.233	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.460%	
62) 4-Bromofluorobenzene	12.483	95	48184	43.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.580%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.806	105	4050	1.042	ug/l	Qvalue 96

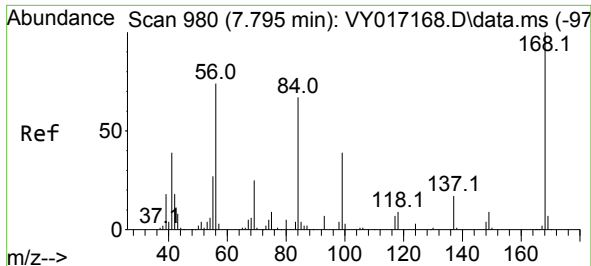
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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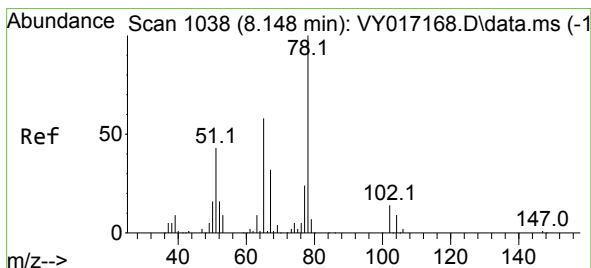
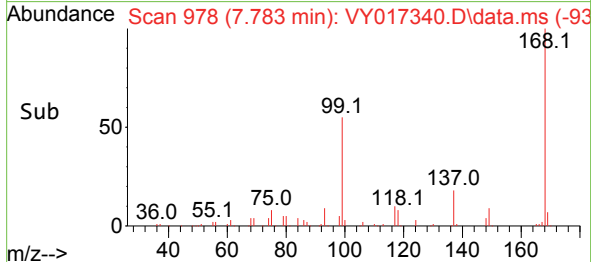
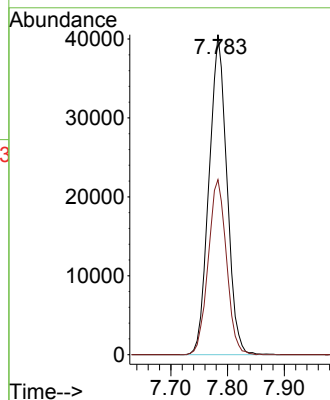
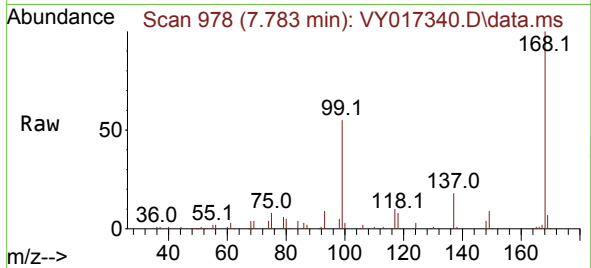




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

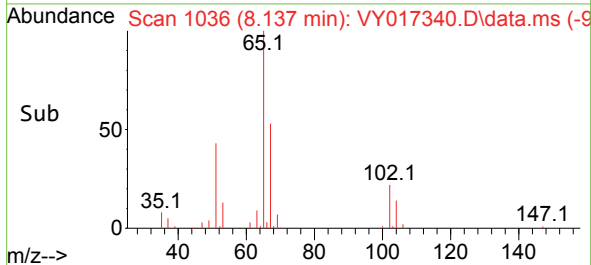
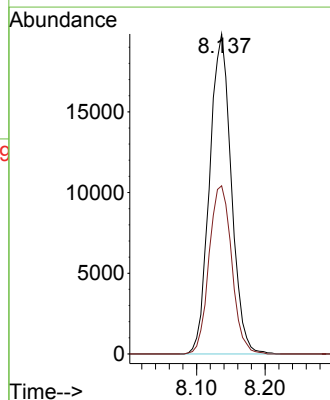
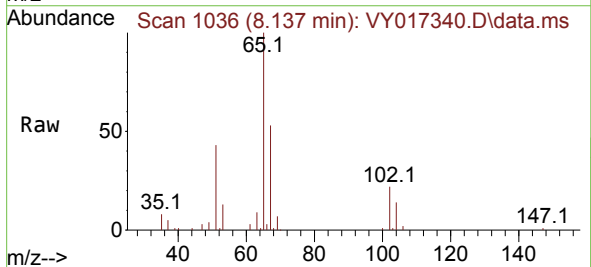
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020824

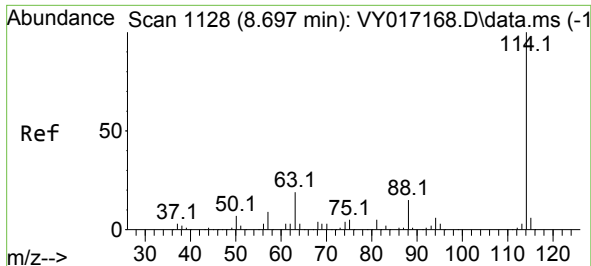
Tgt Ion:168 Resp: 88786
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.949 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion: 65 Resp: 43583
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0

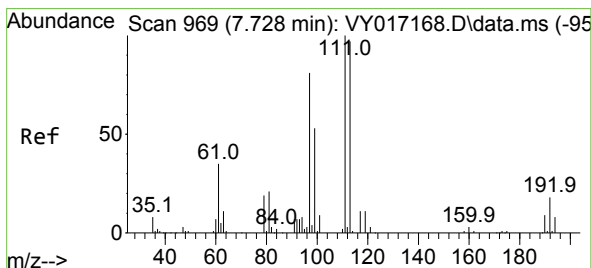
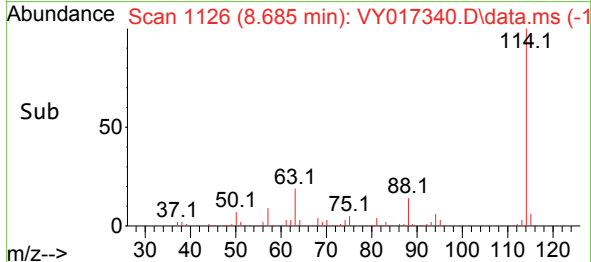
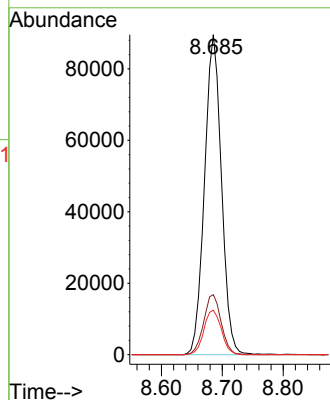
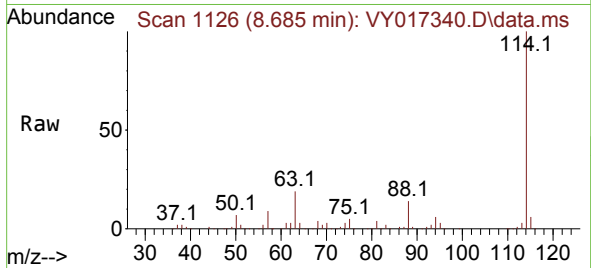




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

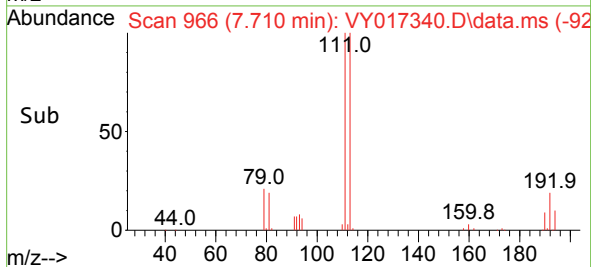
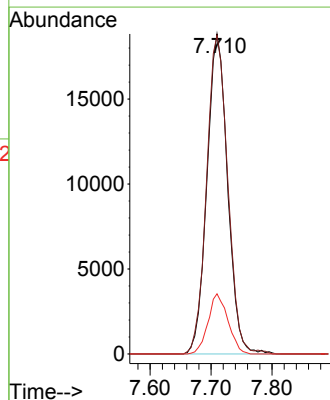
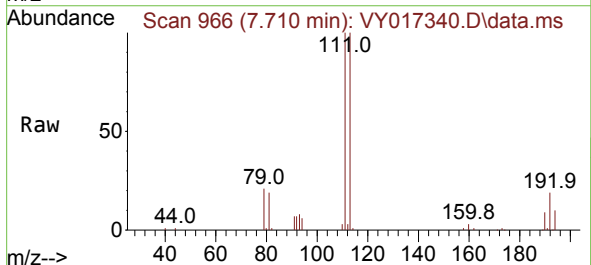
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-020824

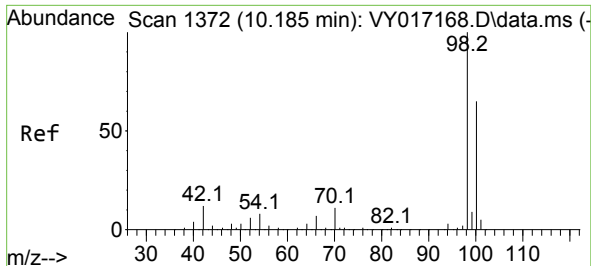
Tgt Ion:114 Resp: 172846
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 13.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 47.375 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.018 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion:113 Resp: 44213
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.2 14.5 21.7

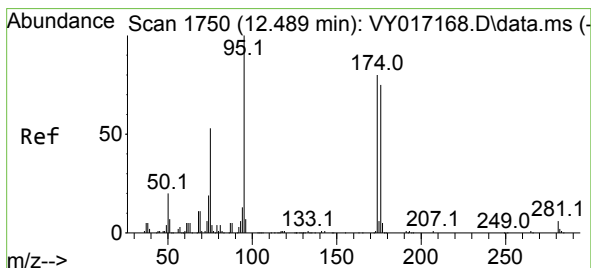
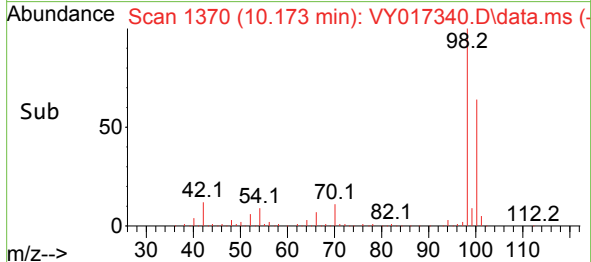
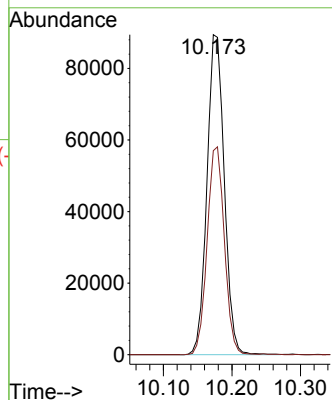
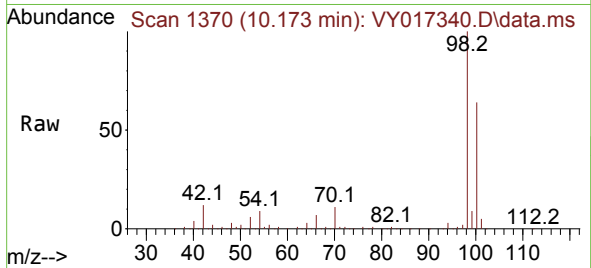




#50
Toluene-d8
Concen: 46.233 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

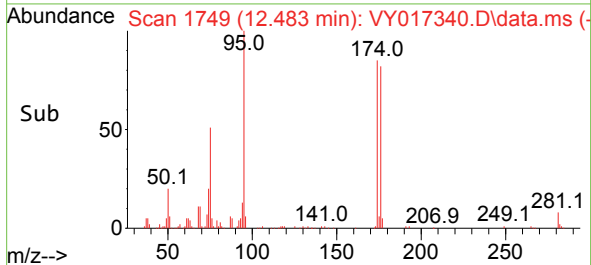
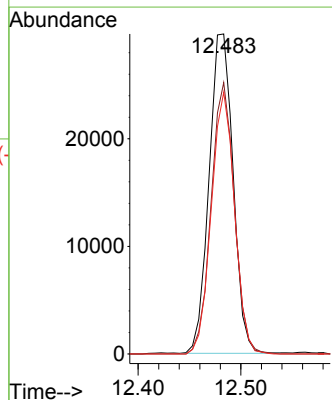
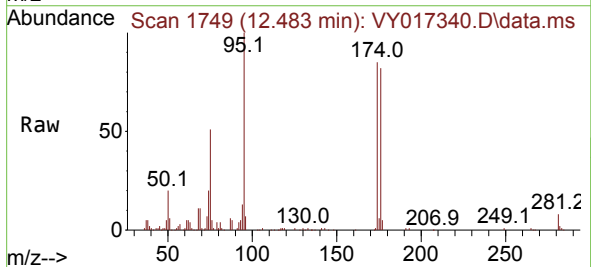
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MSVOA_Y
ClientSampleId :
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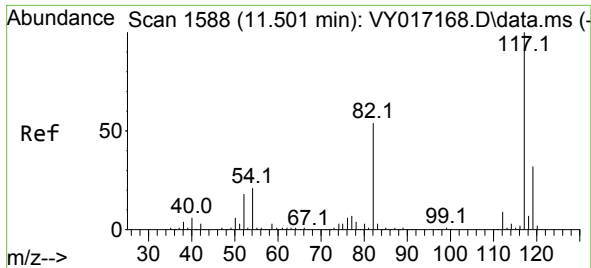
Tgt Ion: 98 Resp: 157097
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.288 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion: 95 Resp: 48184
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.0
176 79.0 0.0 151.8

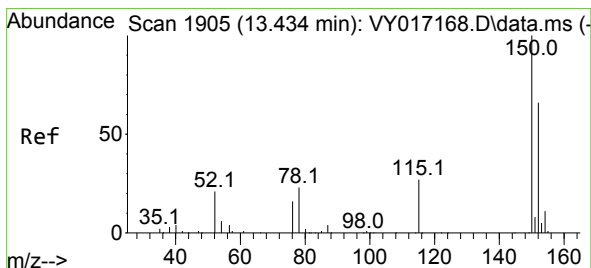
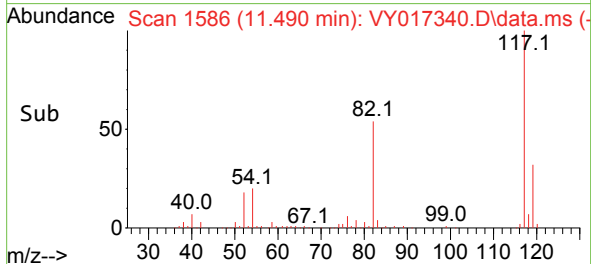
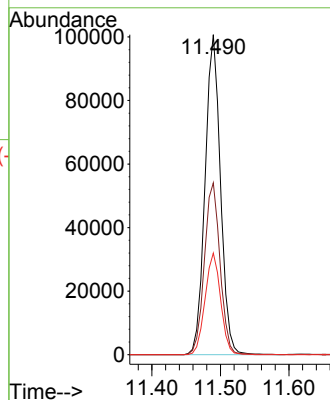
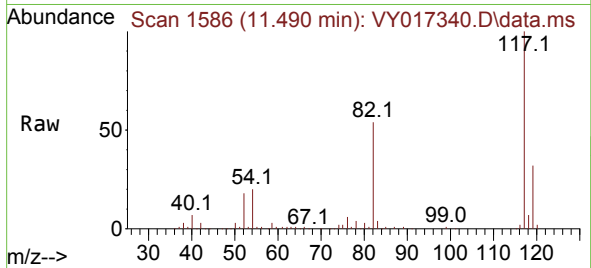




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

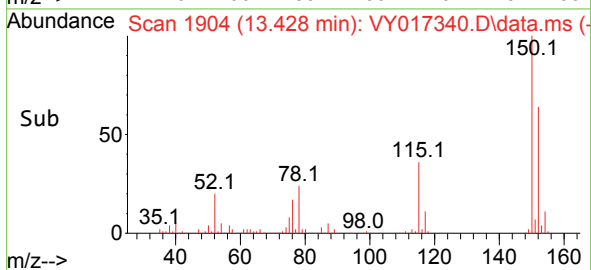
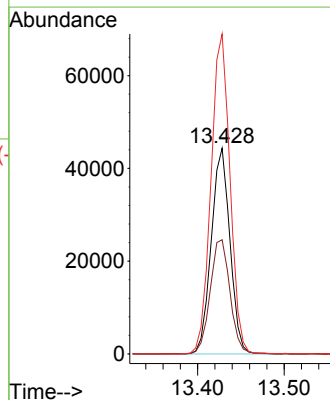
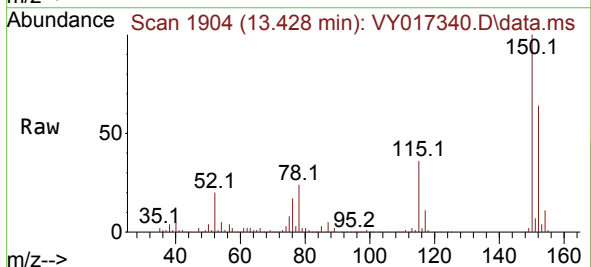
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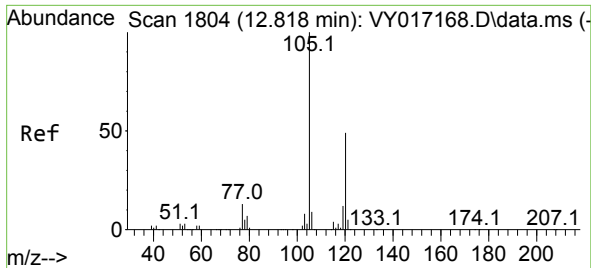
Tgt Ion:117 Resp: 157531
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017340.D
Acq: 09 Feb 2024 15:32

Tgt Ion:152 Resp: 66500
Ion Ratio Lower Upper
152 100
115 59.0 30.0 90.0
150 158.3 0.0 344.6





#80
 1,3,5-Trimethylbenzene
 Concen: 1.042 ug/l
 RT: 12.806 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY017340.D
 Acq: 09 Feb 2024 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-020824

Tgt Ion:105 Resp: 4050
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.3 72.8

