

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017346.D
 Acq On : 09 Feb 2024 17:56
 Operator : SY/MD
 Sample : P1451-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-02092024

Quant Time: Feb 09 22:06:26 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)

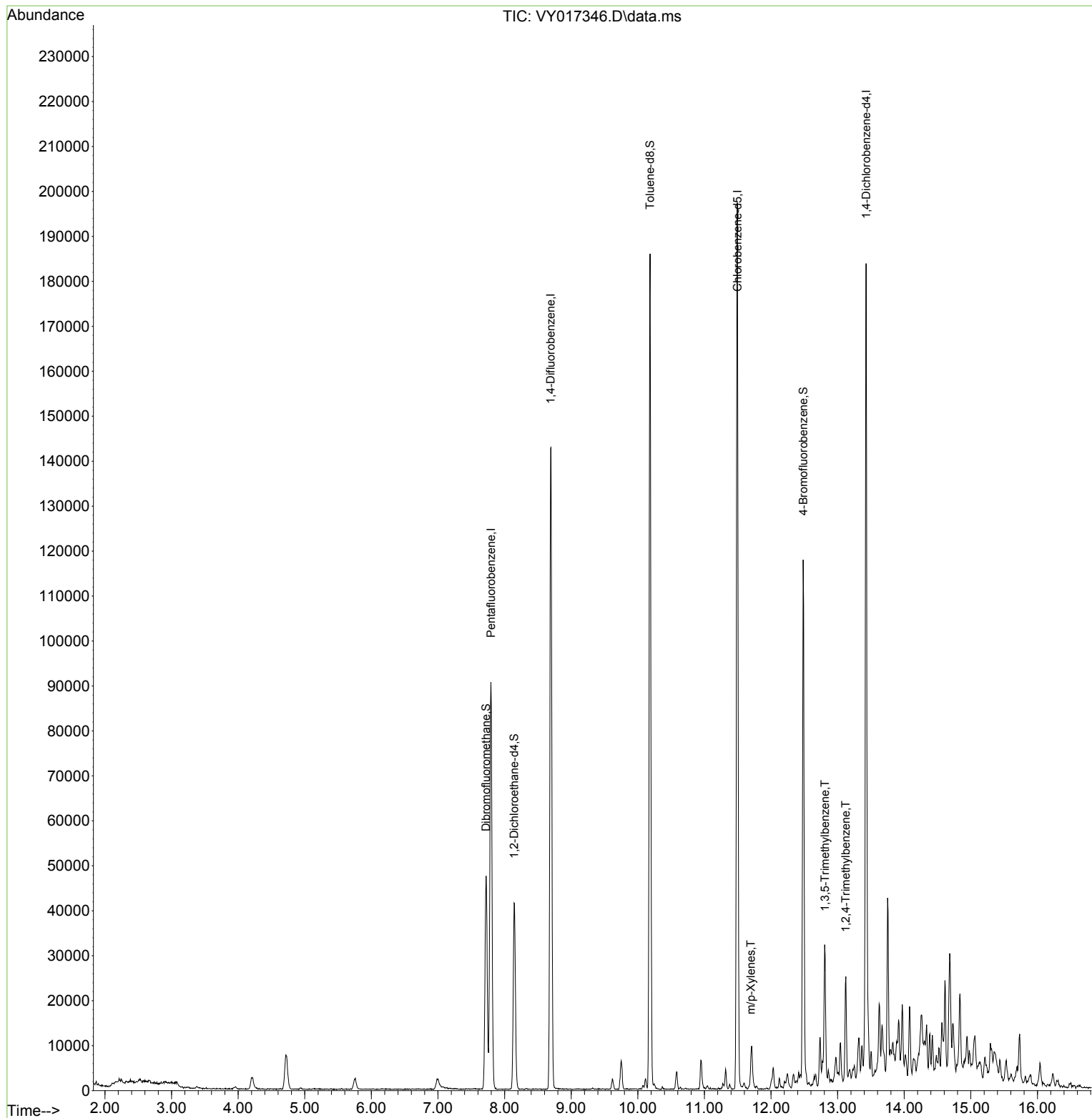
Internal Standards						
1) Pentafluorobenzene	7.795	168	70927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	108506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31705	50.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.722	113	33577	49.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.020%	
50) Toluene-d8	10.185	98	122391	49.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.483	95	33593	41.528	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.060%	
Target Compounds						Qvalue
68) m/p-Xylenes	11.697	106	1824	1.271	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	3363	1.322	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	12622	5.027	ug/l	99

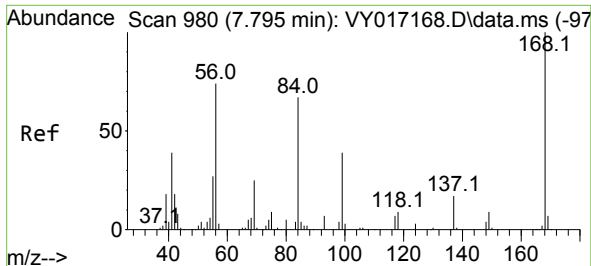
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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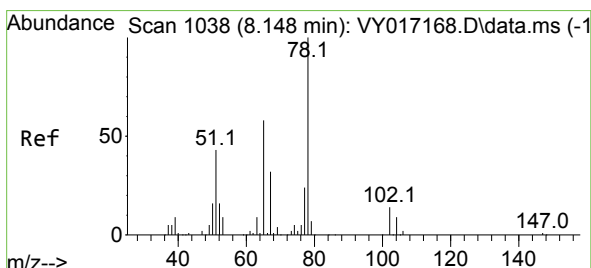
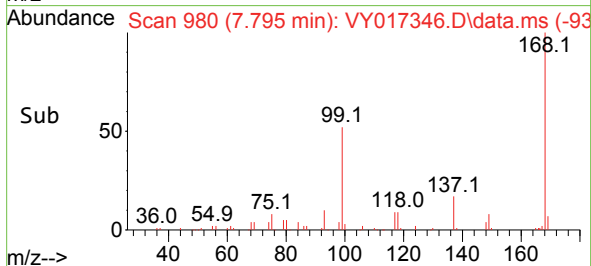
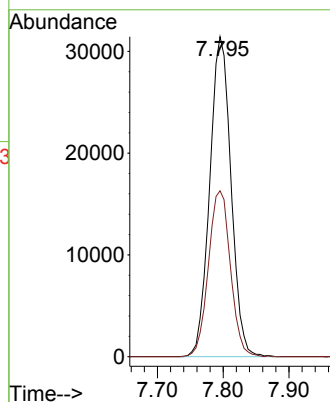
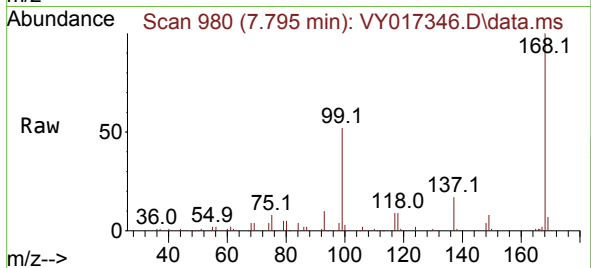




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017346.D
Acq: 09 Feb 2024 17:56

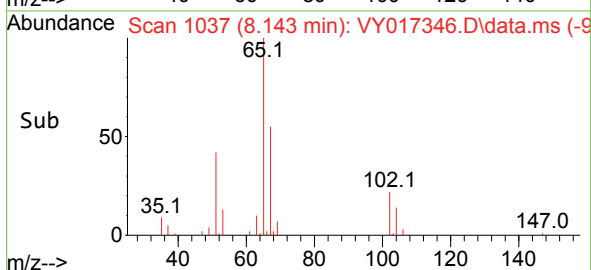
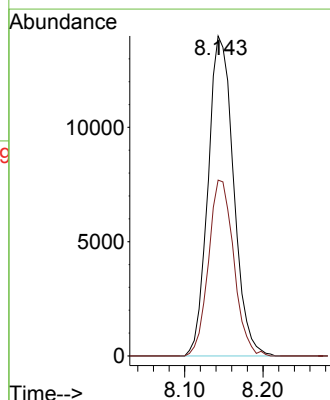
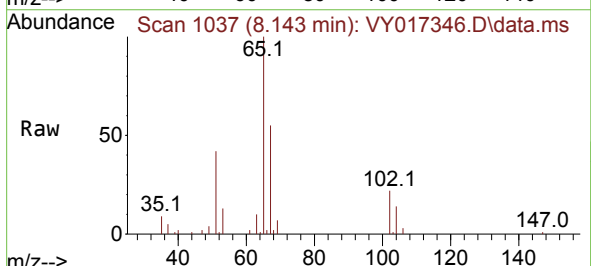
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-02092024

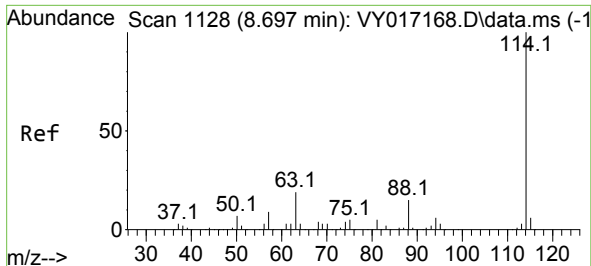
Tgt Ion:168 Resp: 70927
Ion Ratio Lower Upper
168 100
99 51.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.038 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017346.D
Acq: 09 Feb 2024 17:56

Tgt Ion: 65 Resp: 31705
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017346.D

Acq: 09 Feb 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-02092024

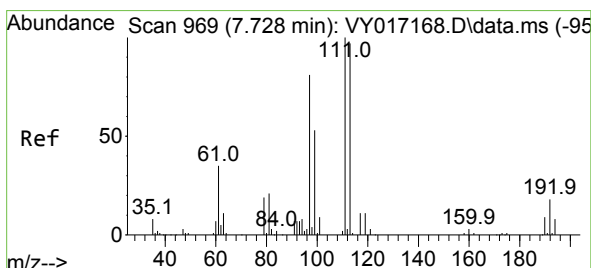
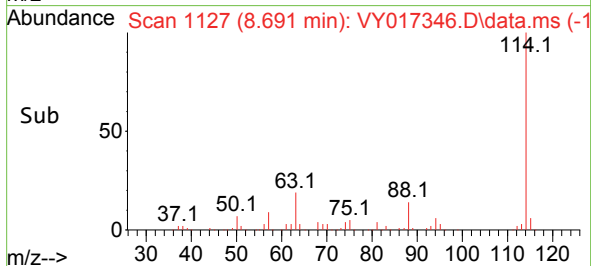
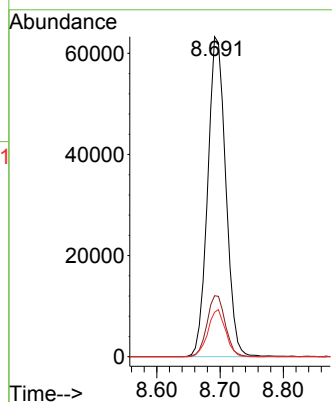
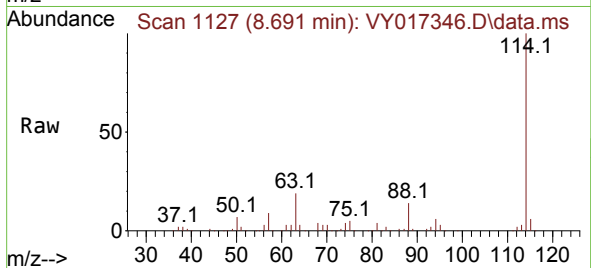
Tgt Ion:114 Resp: 125612

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 13.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.507 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017346.D

Acq: 09 Feb 2024 17:56

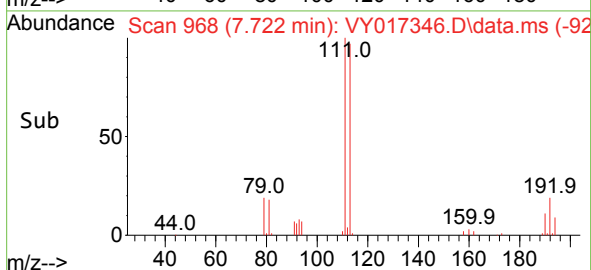
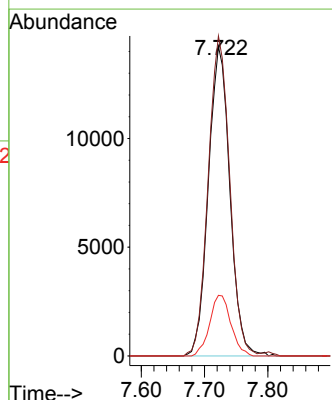
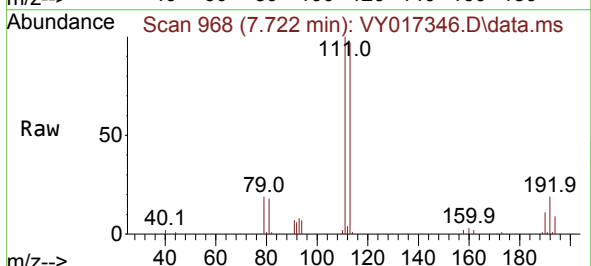
Tgt Ion:113 Resp: 33577

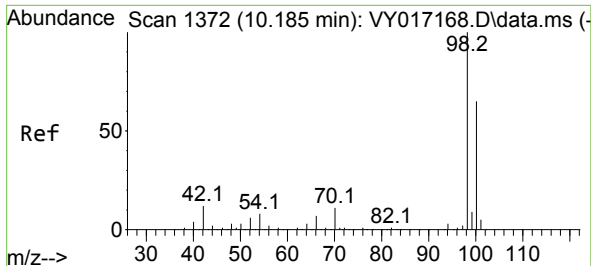
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 19.4 14.5 21.7

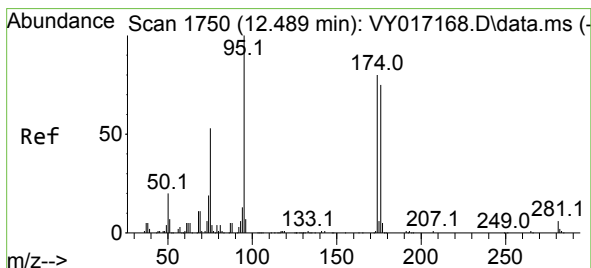
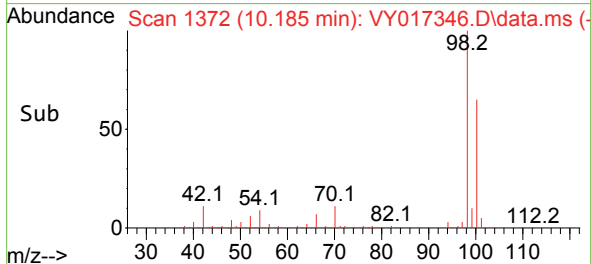
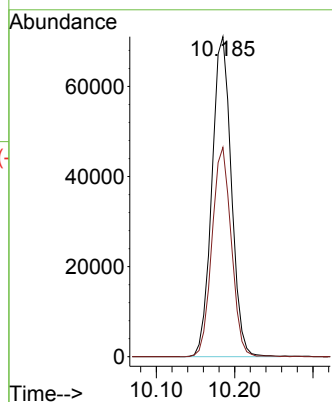
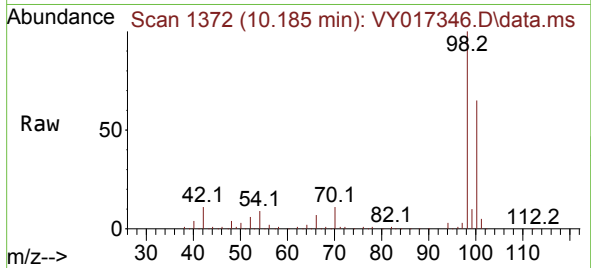




#50
Toluene-d8
Concen: 49.564 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017346.D
Acq: 09 Feb 2024 17:56

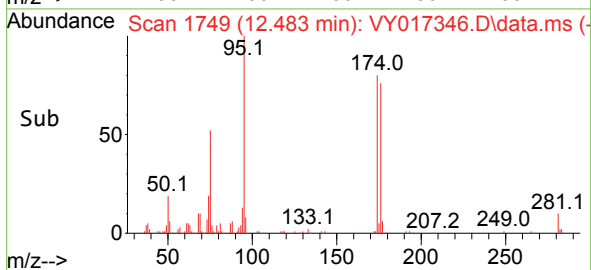
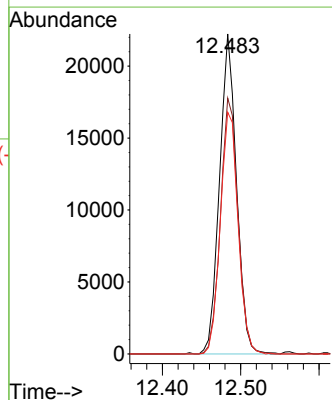
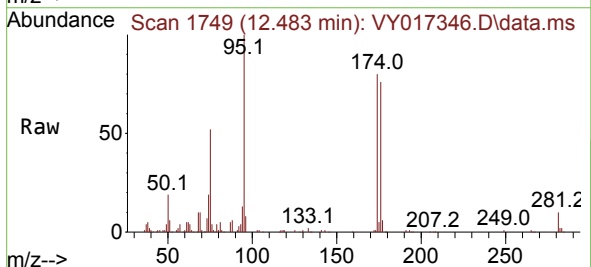
Instrument :
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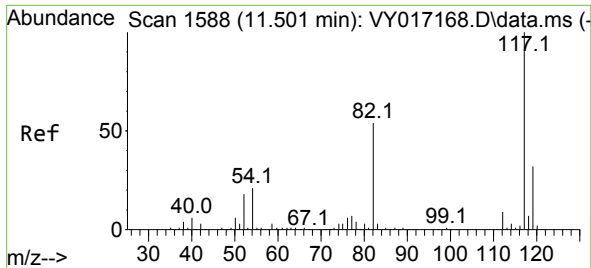
Tgt Ion: 98 Resp: 122391
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 41.528 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017346.D
Acq: 09 Feb 2024 17:56

Tgt Ion: 95 Resp: 33593
Ion Ratio Lower Upper
95 100
174 82.5 0.0 160.0
176 78.8 0.0 151.8

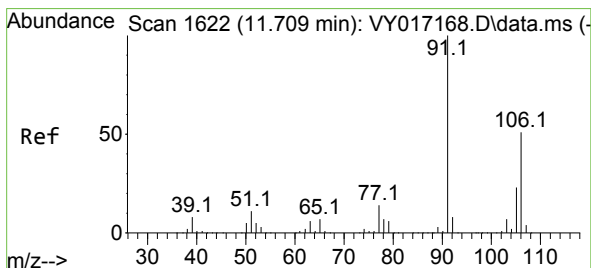
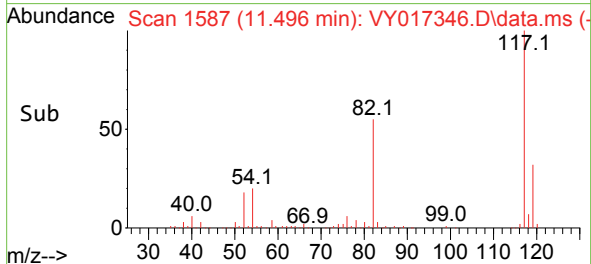
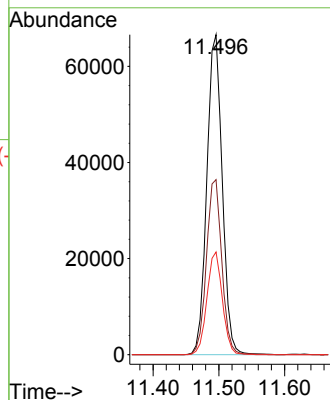
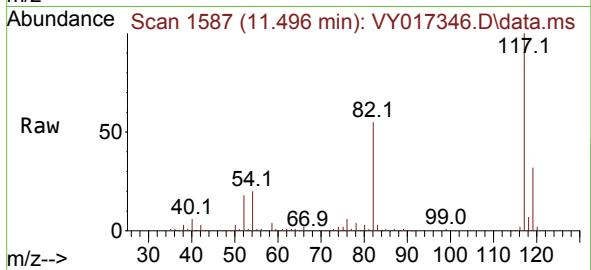




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017346.D
Acq: 09 Feb 2024 17:56

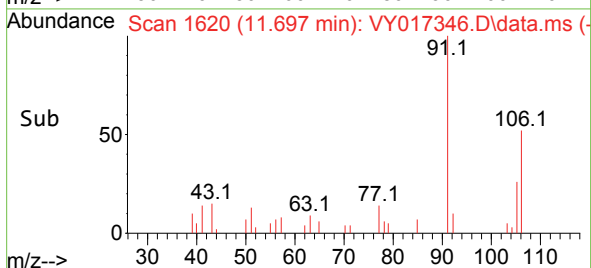
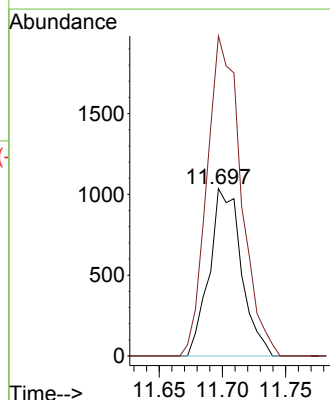
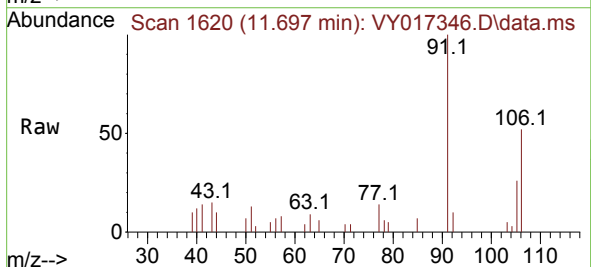
Instrument :
MSVOA_Y
ClientSampleId :
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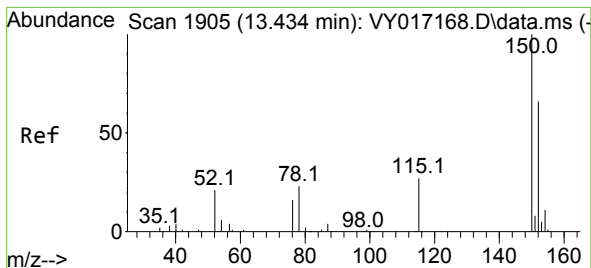
Tgt Ion:117 Resp: 108506
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 32.1 26.5 39.7



#68
m/p-Xylenes
Concen: 1.271 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY017346.D
Acq: 09 Feb 2024 17:56

Tgt Ion:106 Resp: 1824
Ion Ratio Lower Upper
106 100
91 203.7 160.7 241.1

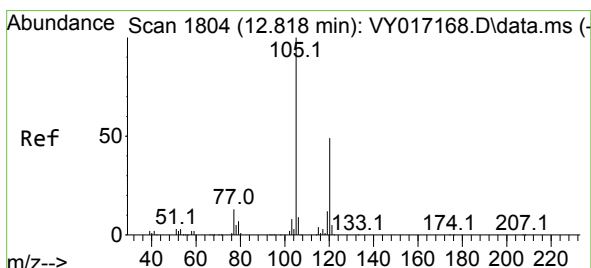
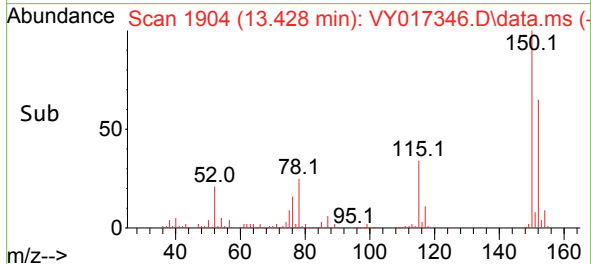
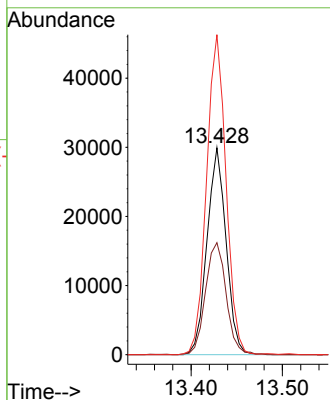
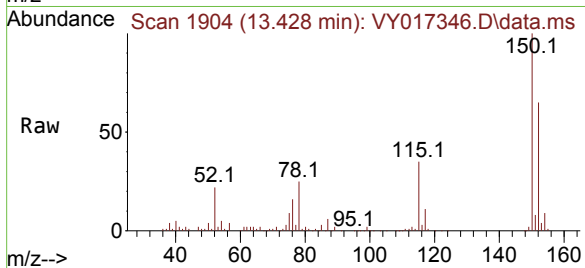




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1905
Delta R.T. -0.006 min
Lab File: VY017346.D
Acq: 09 Feb 2024 17:56

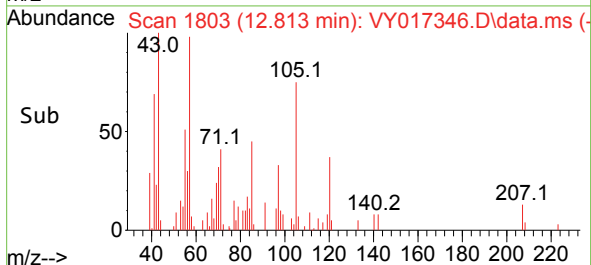
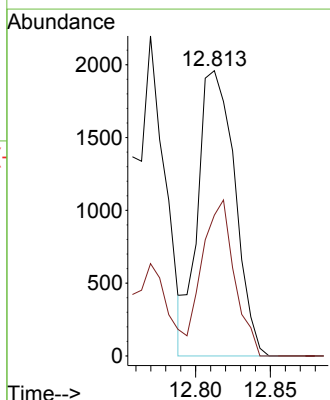
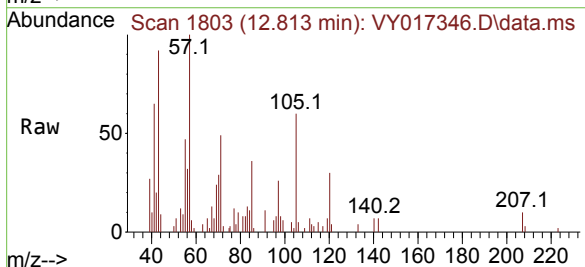
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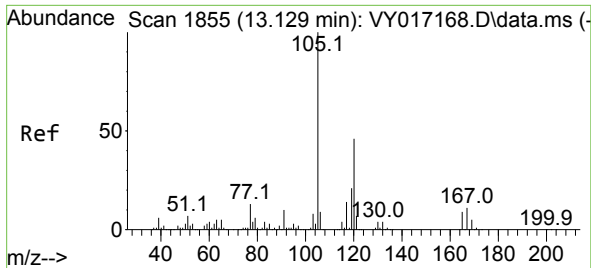
Tgt Ion:152 Resp: 43538
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 157.5 0.0 344.6



#80
1,3,5-Trimethylbenzene
Concen: 1.322 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017346.D
Acq: 09 Feb 2024 17:56

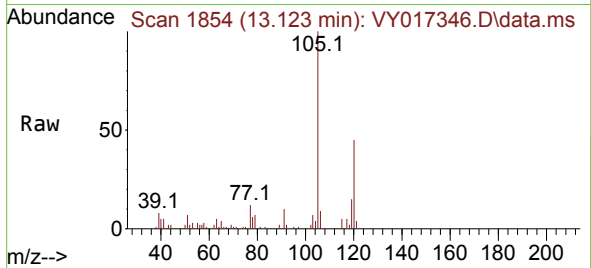
Tgt Ion:105 Resp: 3363
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8





#84
 1,2,4-Trimethylbenzene
 Concen: 5.027 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY017346.D
 Acq: 09 Feb 2024 17:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-02092024



Tgt Ion:105 Resp: 12622
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.3

