

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017625.D
 Acq On : 08 Mar 2024 17:11
 Operator : SY/MD
 Sample : P1720-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3471RE

Quant Time: Mar 08 23:39:44 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)

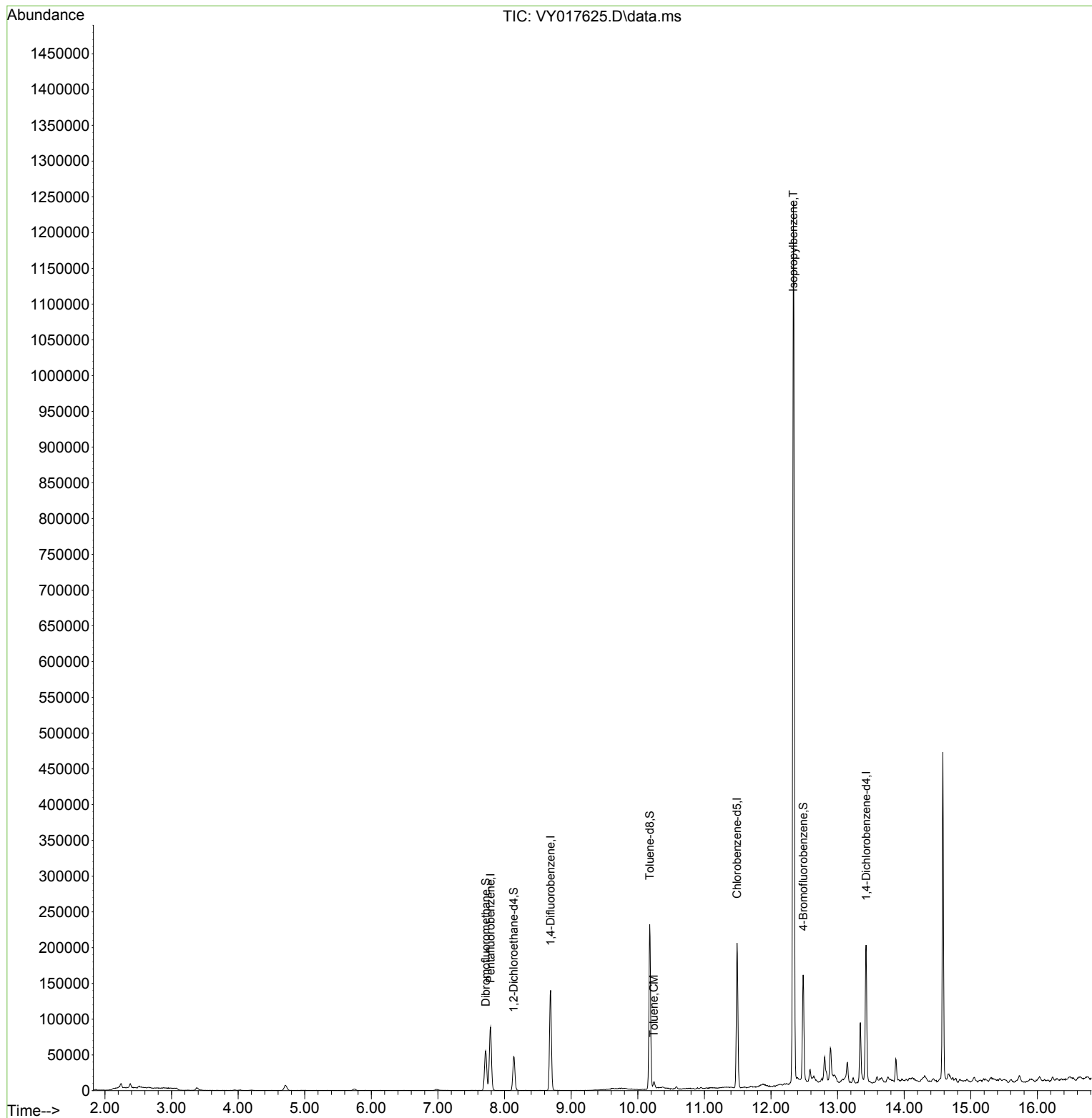
Internal Standards						
1) Pentafluorobenzene	7.789	168	69699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	123001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	114109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	35320	53.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.940%
35) Dibromofluoromethane	7.716	113	39621	46.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.179	98	154271	51.479	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.483	95	44607	47.363	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.720%
Target Compounds						
52) Toluene	10.240	92	3391	1.566	ug/l	93
73) Isopropylbenzene	12.337	105	45980	13.409	ug/l #	63

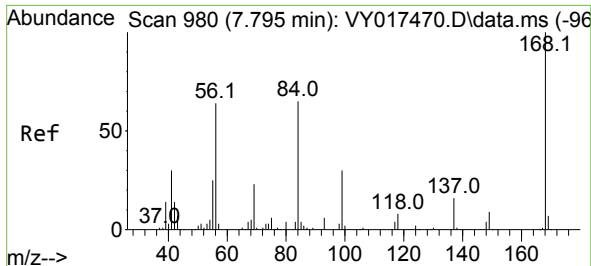
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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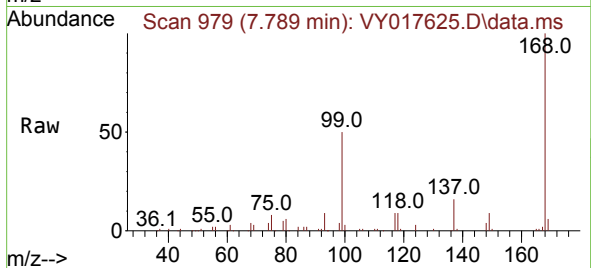
Quant Time: Mar 08 23:39:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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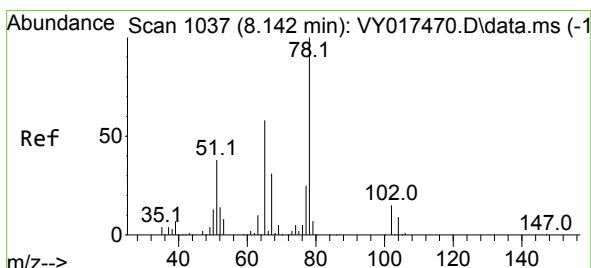
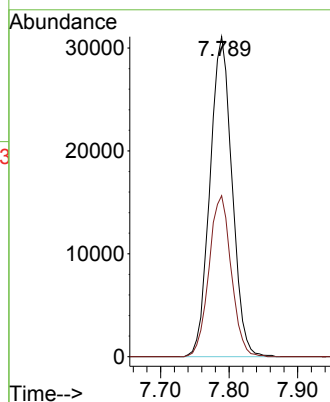
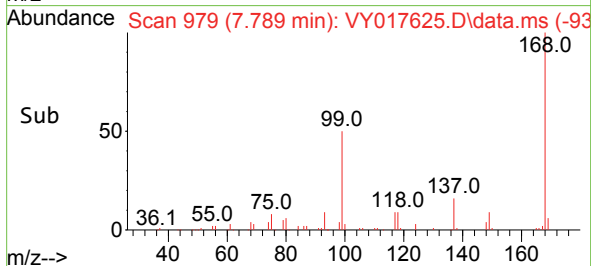


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017625.D
Acq: 08 Mar 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :
RT3471RE

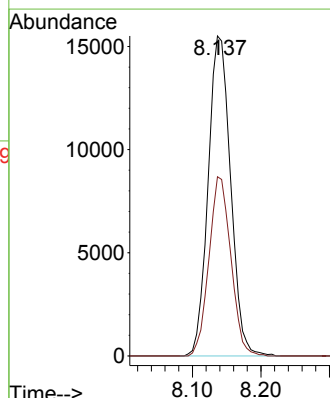
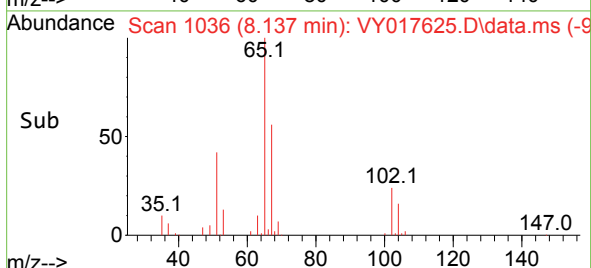
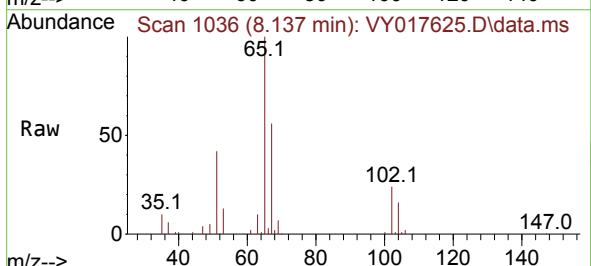


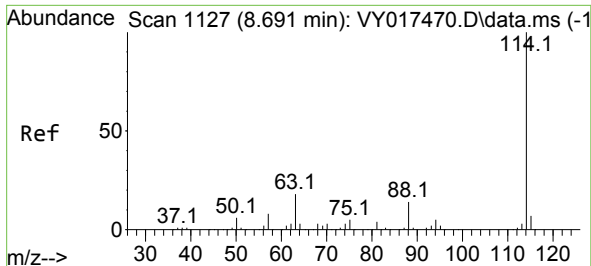
Tgt Ion:168 Resp: 69699
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.470 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017625.D
Acq: 08 Mar 2024 17:11

Tgt Ion: 65 Resp: 35320
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017625.D

Acq: 08 Mar 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

RT3471RE

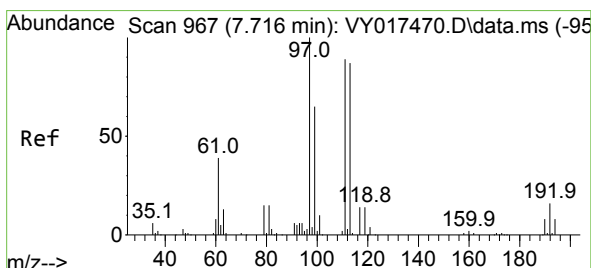
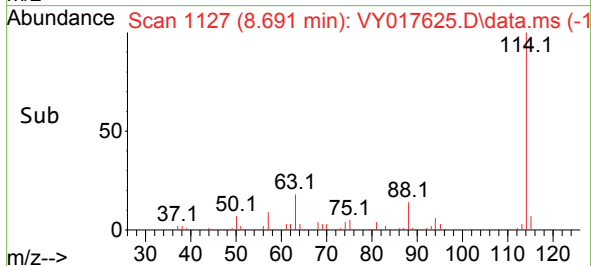
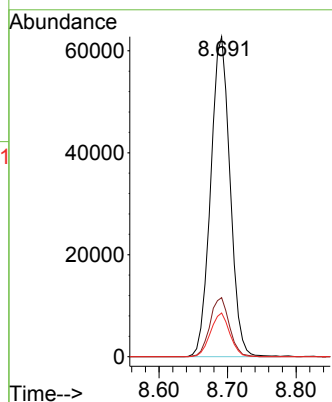
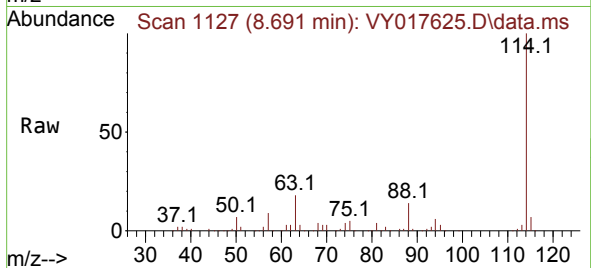
Tgt Ion:114 Resp: 123001

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.226 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017625.D

Acq: 08 Mar 2024 17:11

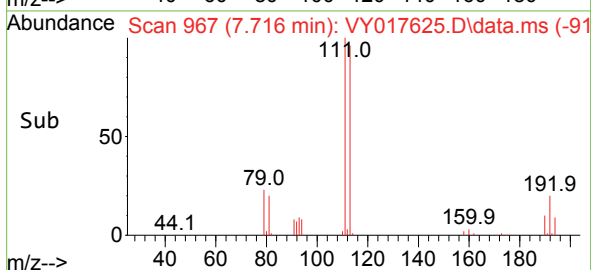
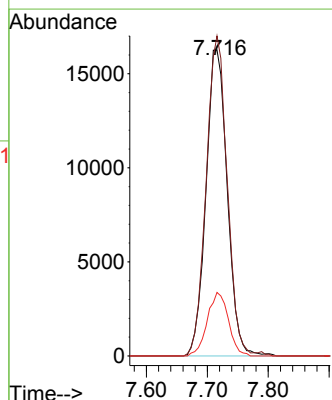
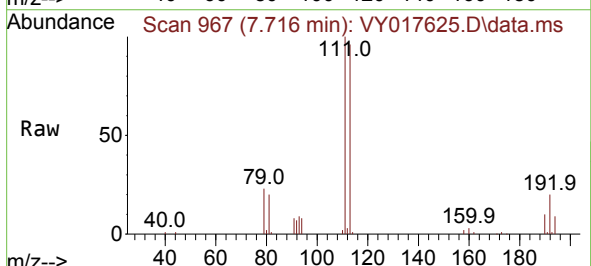
Tgt Ion:113 Resp: 39621

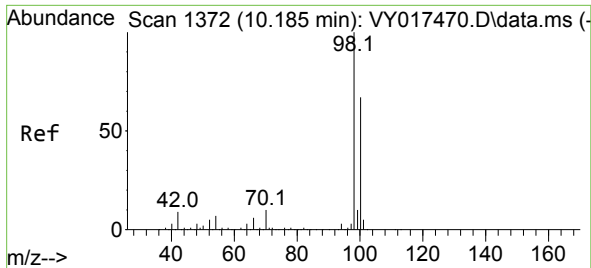
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.6 15.9 23.9

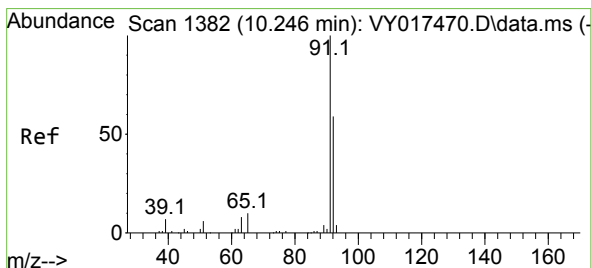
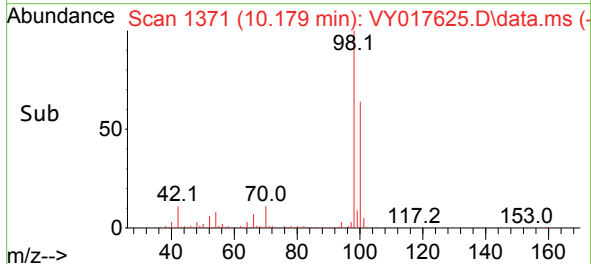
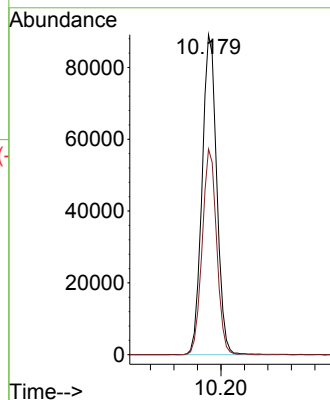
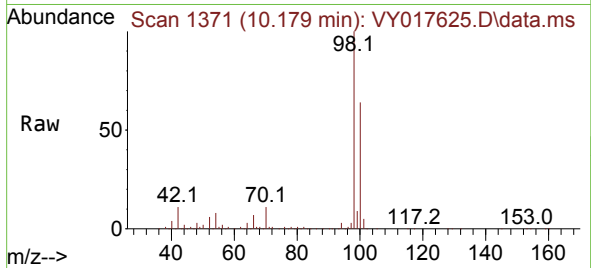




#50
Toluene-d8
Concen: 51.479 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017625.D
Acq: 08 Mar 2024 17:11

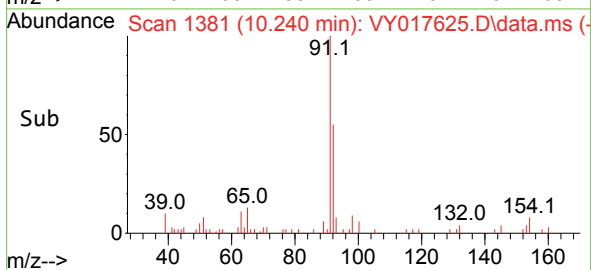
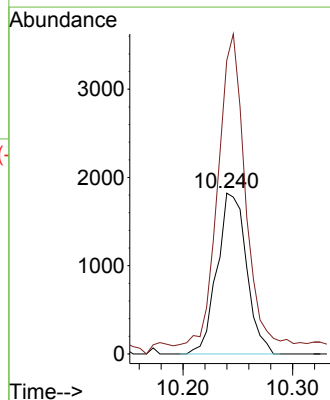
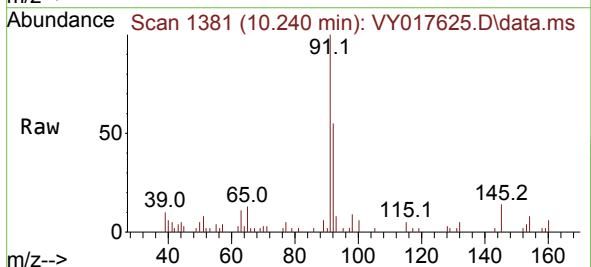
Instrument :
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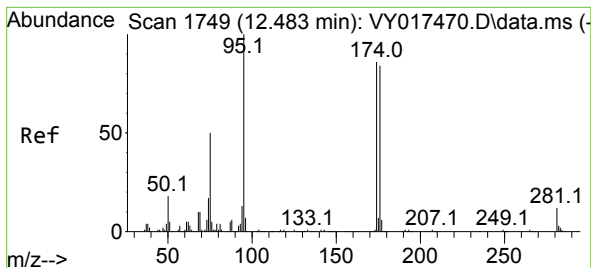
Tgt Ion: 98 Resp: 154271
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#52
Toluene
Concen: 1.566 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY017625.D
Acq: 08 Mar 2024 17:11

Tgt Ion: 92 Resp: 3391
Ion Ratio Lower Upper
92 100
91 183.8 139.0 208.6

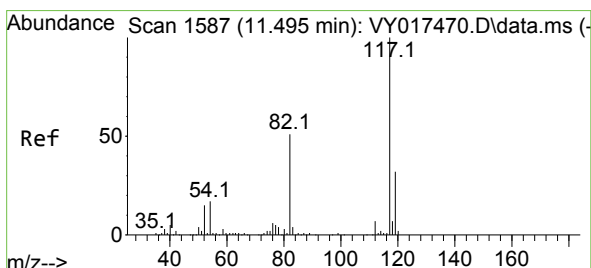
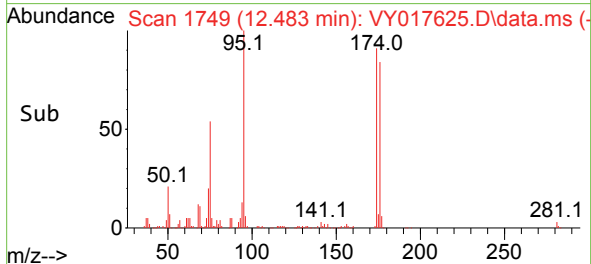
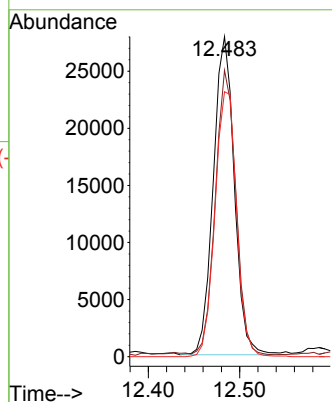
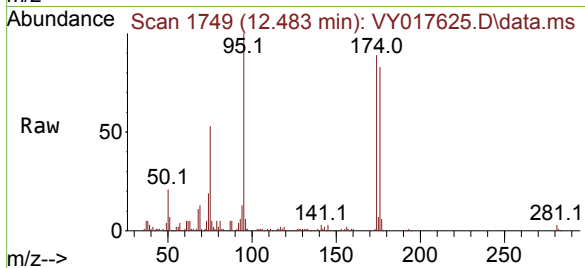




#62
4-Bromofluorobenzene
Concen: 47.363 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017625.D
Acq: 08 Mar 2024 17:11

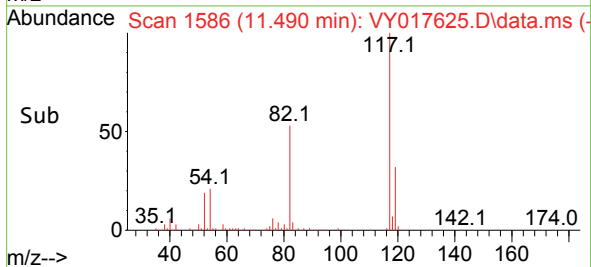
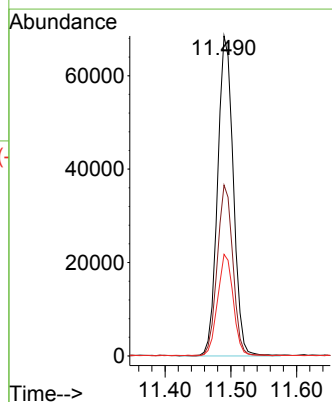
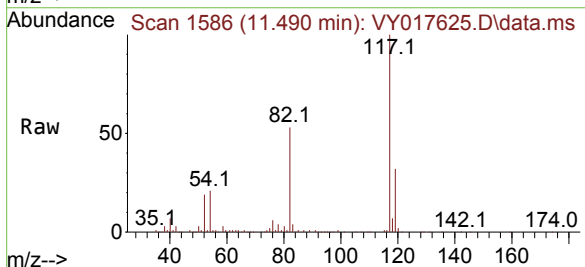
Instrument :
MSVOA_Y
ClientSampleId :
RT3471RE

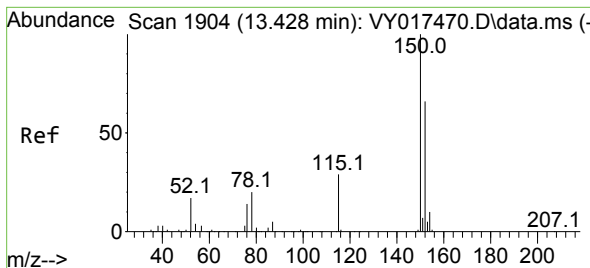
Tgt Ion: 95 Resp: 44607
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 85.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017625.D
Acq: 08 Mar 2024 17:11

Tgt Ion: 117 Resp: 114109
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017625.D

Acq: 08 Mar 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

RT3471RE

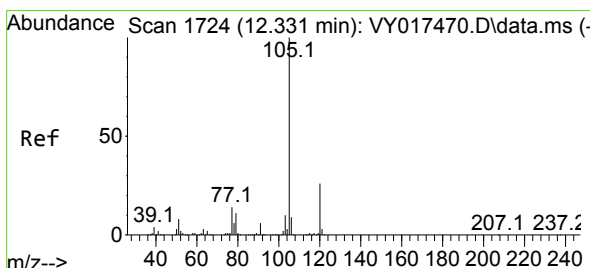
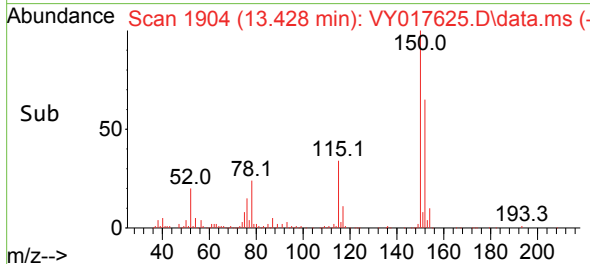
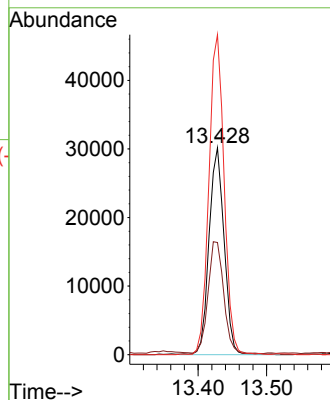
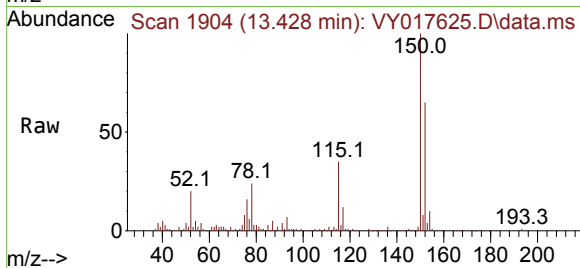
Tgt Ion:152 Resp: 46157

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 156.4 0.0 345.6



#73

Isopropylbenzene

Concen: 13.409 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY017625.D

Acq: 08 Mar 2024 17:11

Tgt Ion:105 Resp: 45980

Ion Ratio Lower Upper

105 100

120 7.5 13.4 40.1#

