

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017622.D
 Acq On : 08 Mar 2024 15:58
 Operator : SY/MD
 Sample : P1720-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3471

Quant Time: Mar 08 22:24:31 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)

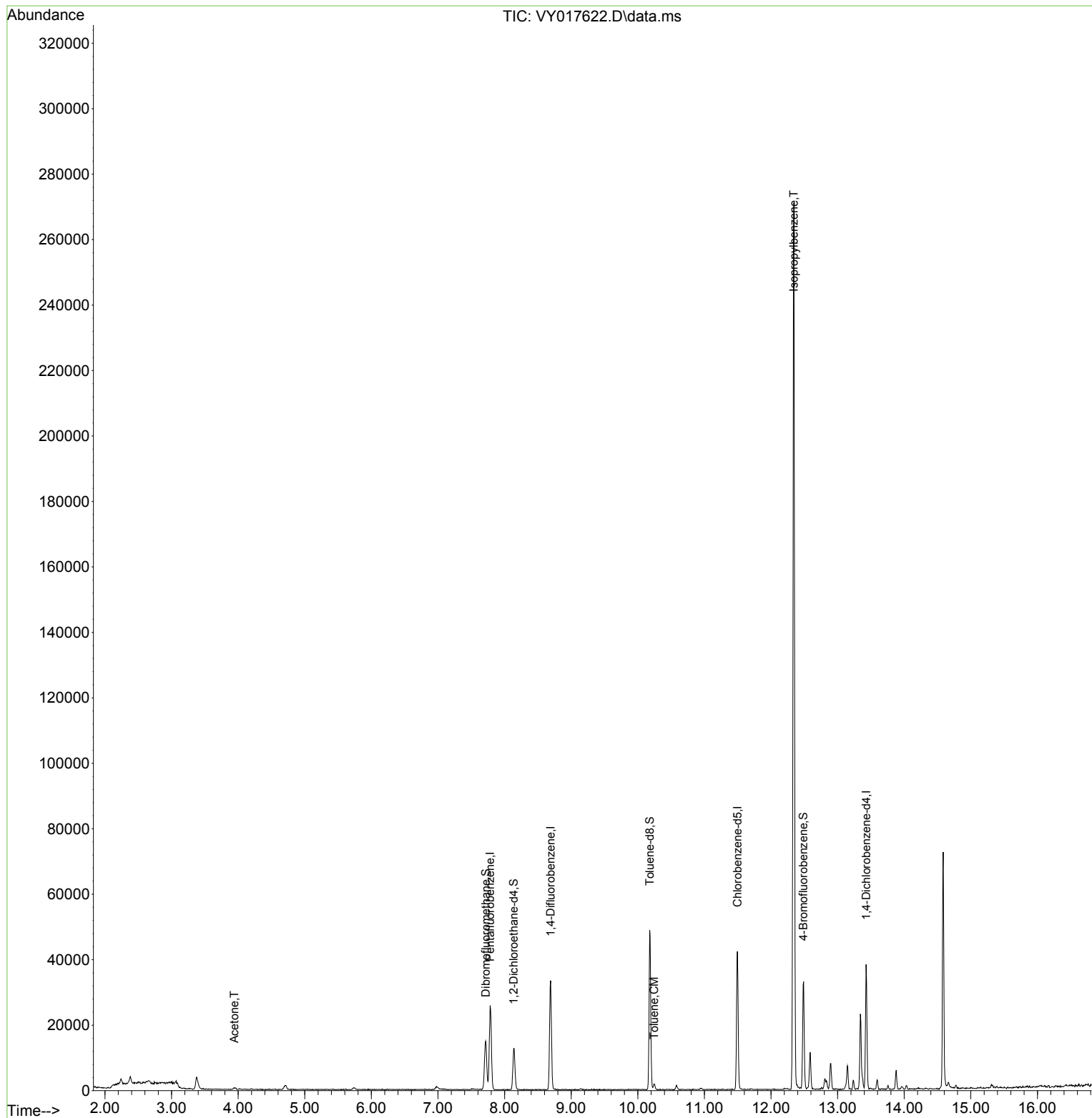
Internal Standards						
1) Pentafluorobenzene	7.783	168	21200	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	30776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	25389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9781	48.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.716	113	11201	52.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%
50) Toluene-d8	10.179	98	34149	45.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.483	95	10015	42.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.000%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	839	21.529	ug/l	95
52) Toluene	10.246	92	786	1.451	ug/l	77
73) Isopropylbenzene	12.343	105	11505	16.483	ug/l #	71

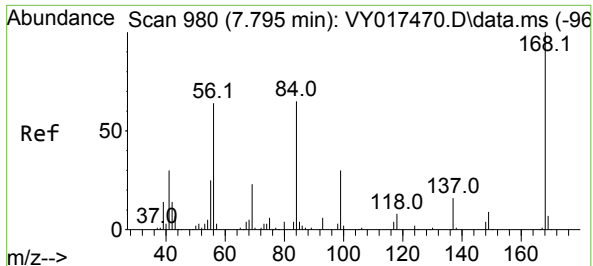
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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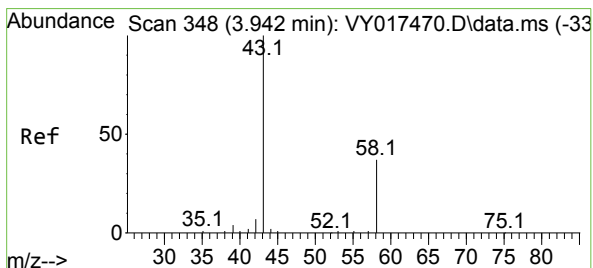
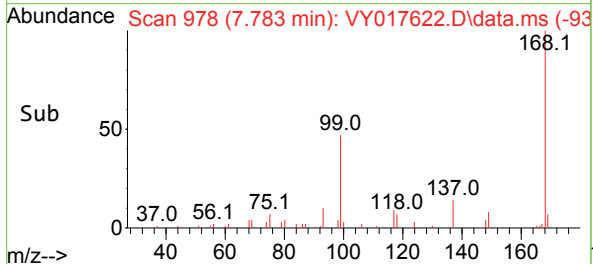
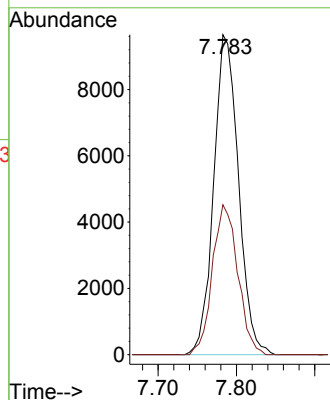
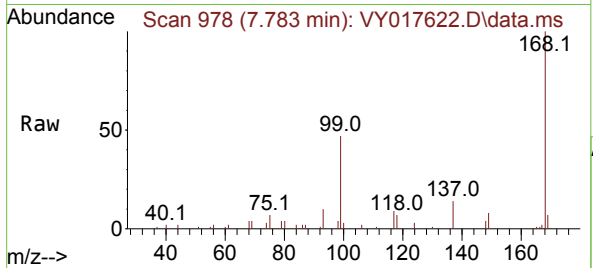




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017622.D
Acq: 08 Mar 2024 15:58

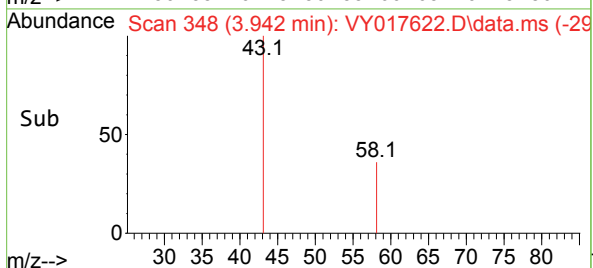
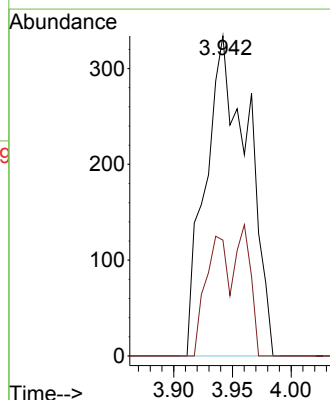
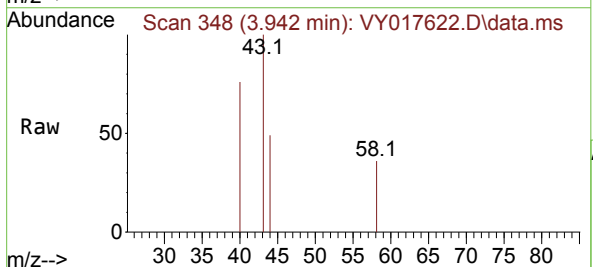
Instrument :
MSVOA_Y
ClientSampleId :
RT3471

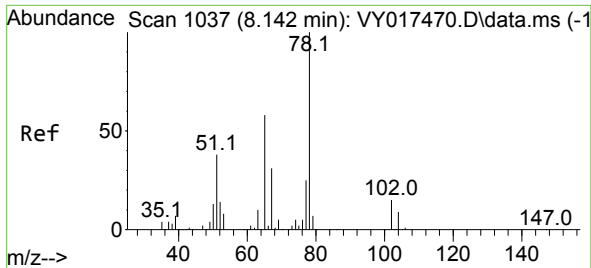
Tgt Ion:168 Resp: 21200
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#16
Acetone
Concen: 21.529 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017622.D
Acq: 08 Mar 2024 15:58

Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 36.2 31.7 47.5

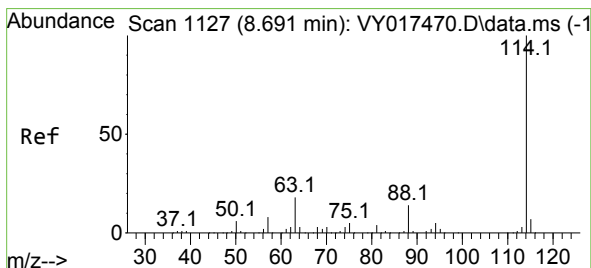
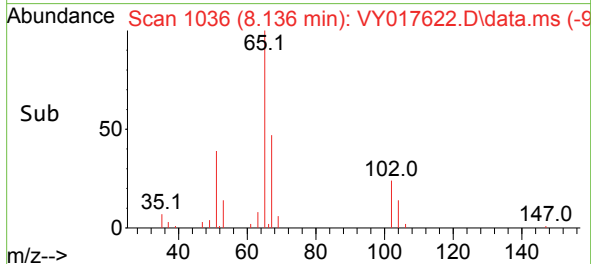
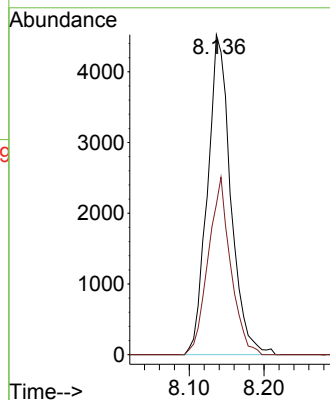
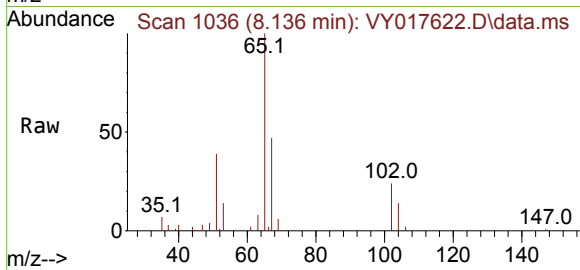




#33
 1,2-Dichloroethane-d4
 Concen: 48.681 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY017622.D
 Acq: 08 Mar 2024 15:58

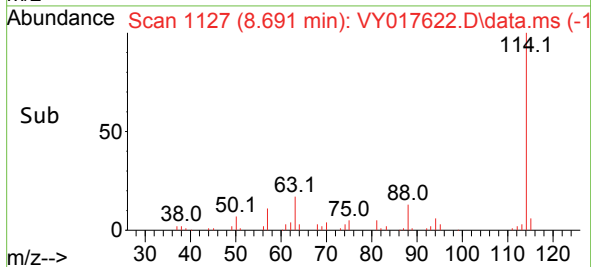
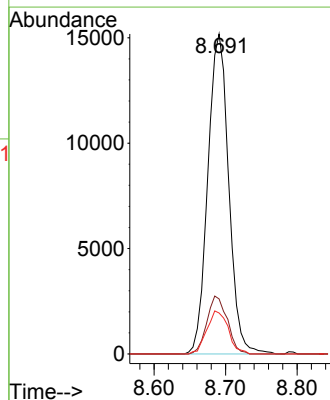
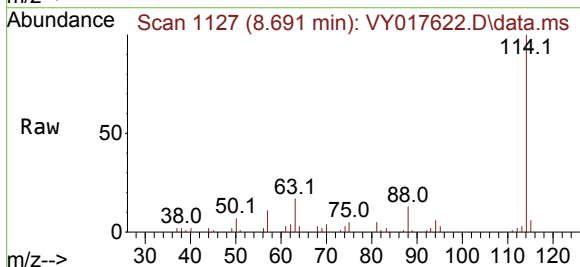
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3471

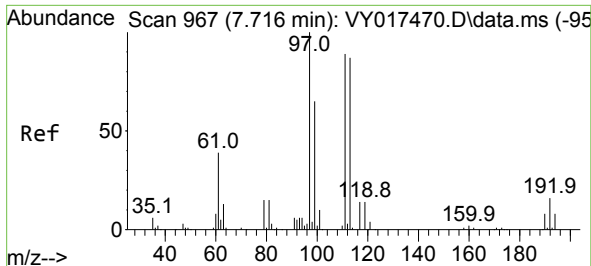
Tgt Ion: 65 Resp: 9781
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY017622.D
 Acq: 08 Mar 2024 15:58

Tgt Ion: 114 Resp: 30776
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 12.8 0.0 27.2

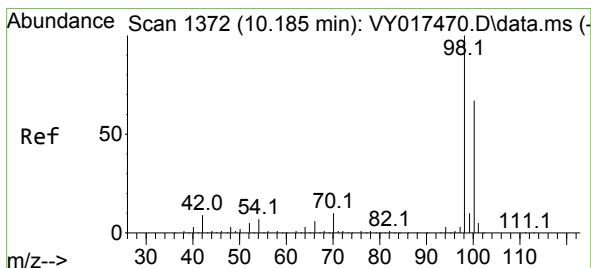
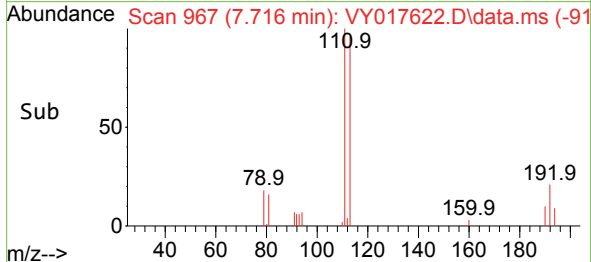
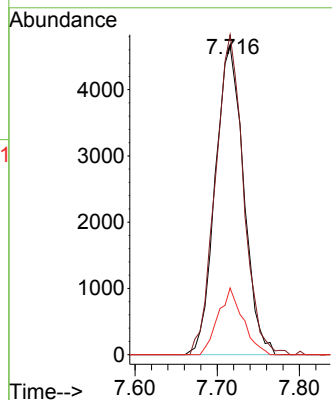
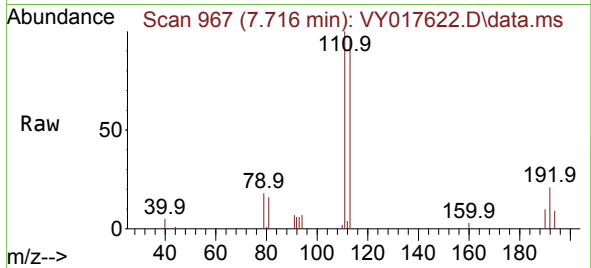




#35
Dibromofluoromethane
Concen: 52.230 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017622.D
Acq: 08 Mar 2024 15:58

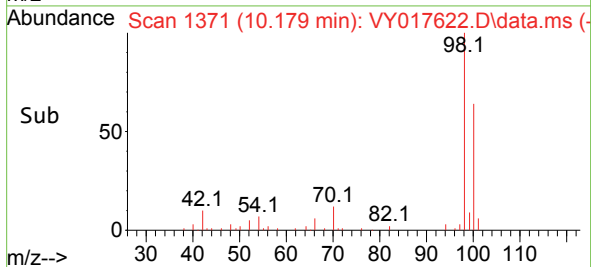
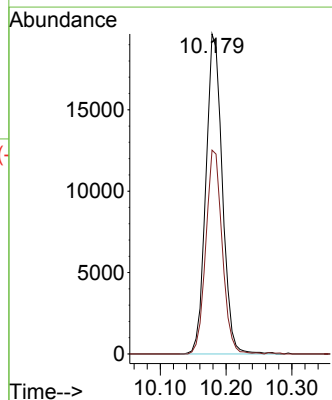
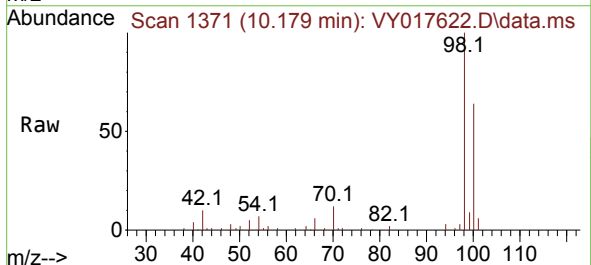
Instrument :
MSVOA_Y
ClientSampleId :
RT3471

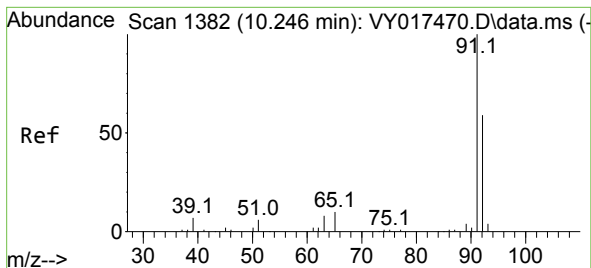
Tgt Ion:113 Resp: 11201
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.9 15.9 23.9



#50
Toluene-d8
Concen: 45.543 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017622.D
Acq: 08 Mar 2024 15:58

Tgt Ion: 98 Resp: 34149
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0





#52

Toluene

Concen: 1.451 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY017622.D

Acq: 08 Mar 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

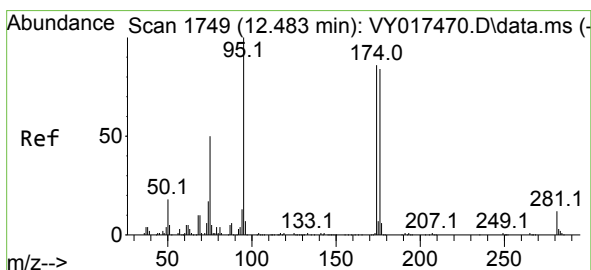
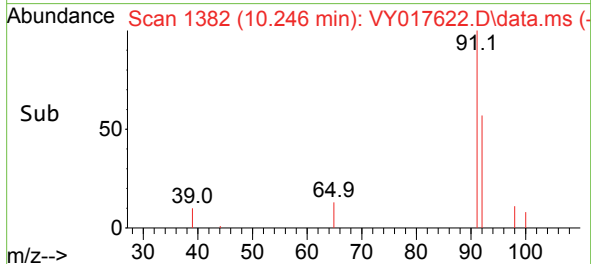
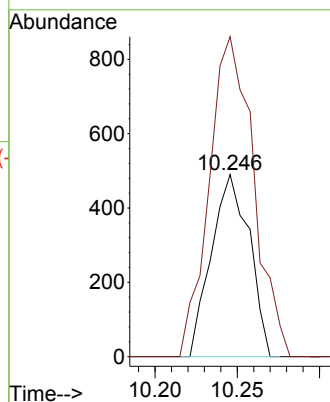
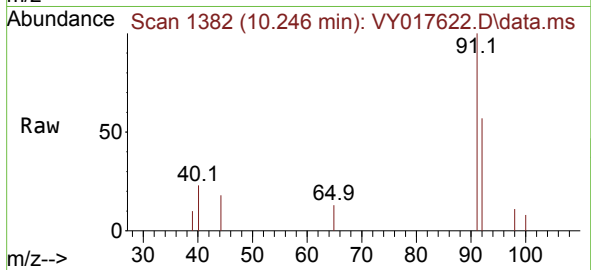
RT3471

Tgt Ion: 92 Resp: 786

Ion Ratio Lower Upper

92 100

91 205.6 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 42.500 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY017622.D

Acq: 08 Mar 2024 15:58

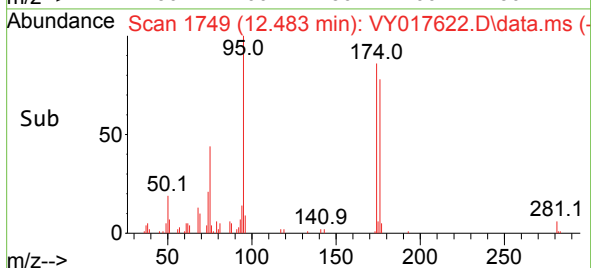
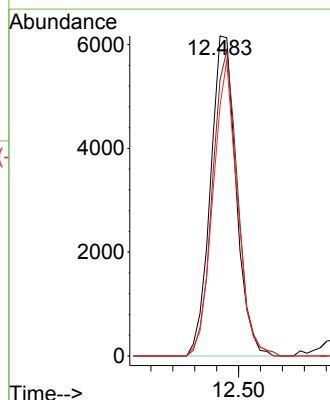
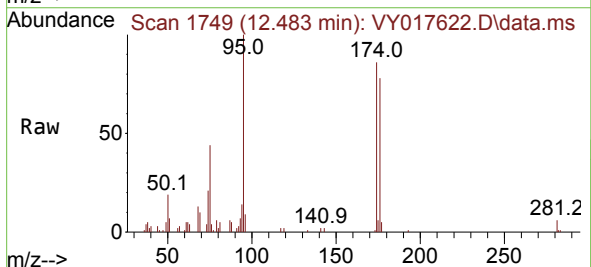
Tgt Ion: 95 Resp: 10015

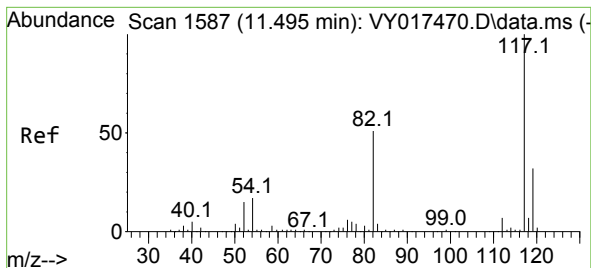
Ion Ratio Lower Upper

95 100

174 94.1 0.0 175.6

176 87.4 0.0 171.4

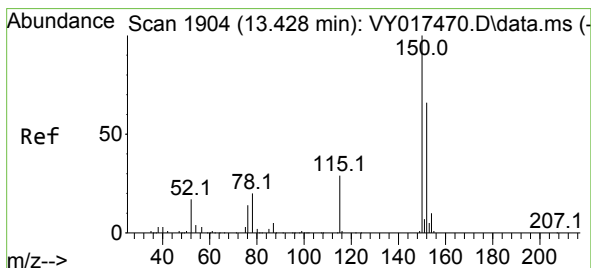
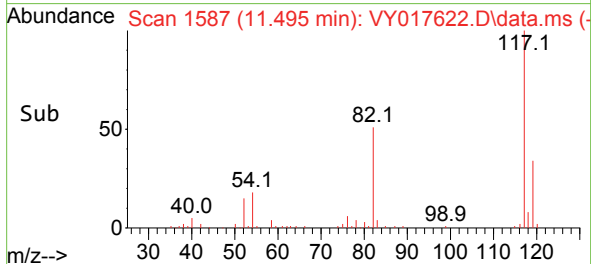
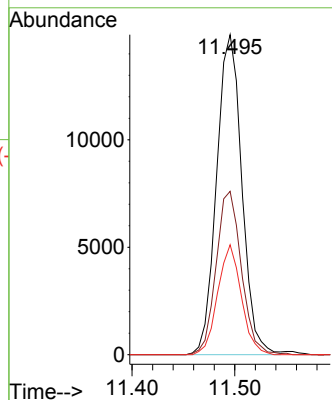
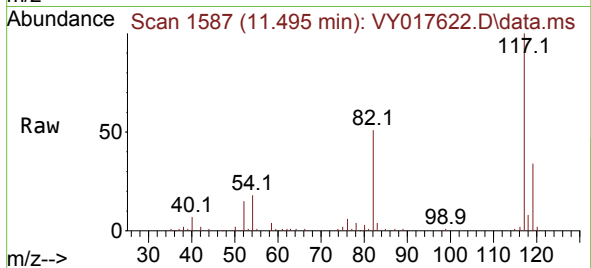




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017622.D
Acq: 08 Mar 2024 15:58

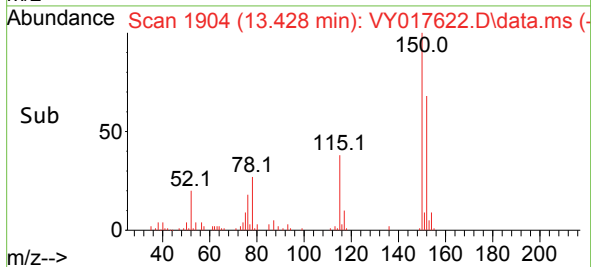
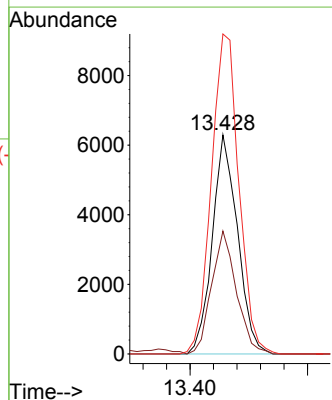
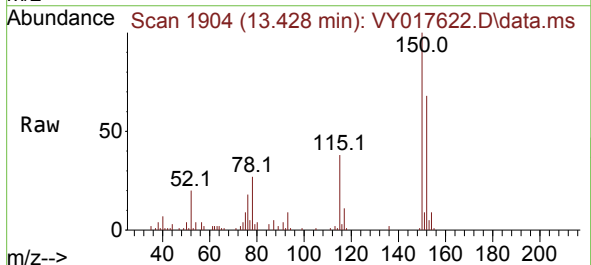
Instrument :
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ClientSampleId :
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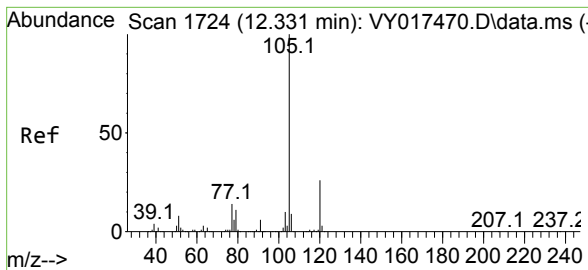
Tgt Ion:117 Resp: 25389
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 34.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY017622.D
Acq: 08 Mar 2024 15:58

Tgt Ion:152 Resp: 9395
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 159.0 0.0 345.6





#73
Isopropylbenzene
Concen: 16.483 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017622.D
Acq: 08 Mar 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :
RT3471

Tgt Ion:105 Resp: 11505
Ion Ratio Lower Upper
105 100
120 11.7 13.4 40.1#

