

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013800.D
 Acq On : 18 May 2023 14:39
 Operator : KP/MD
 Sample : 02828-05
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: May 19 03:21:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

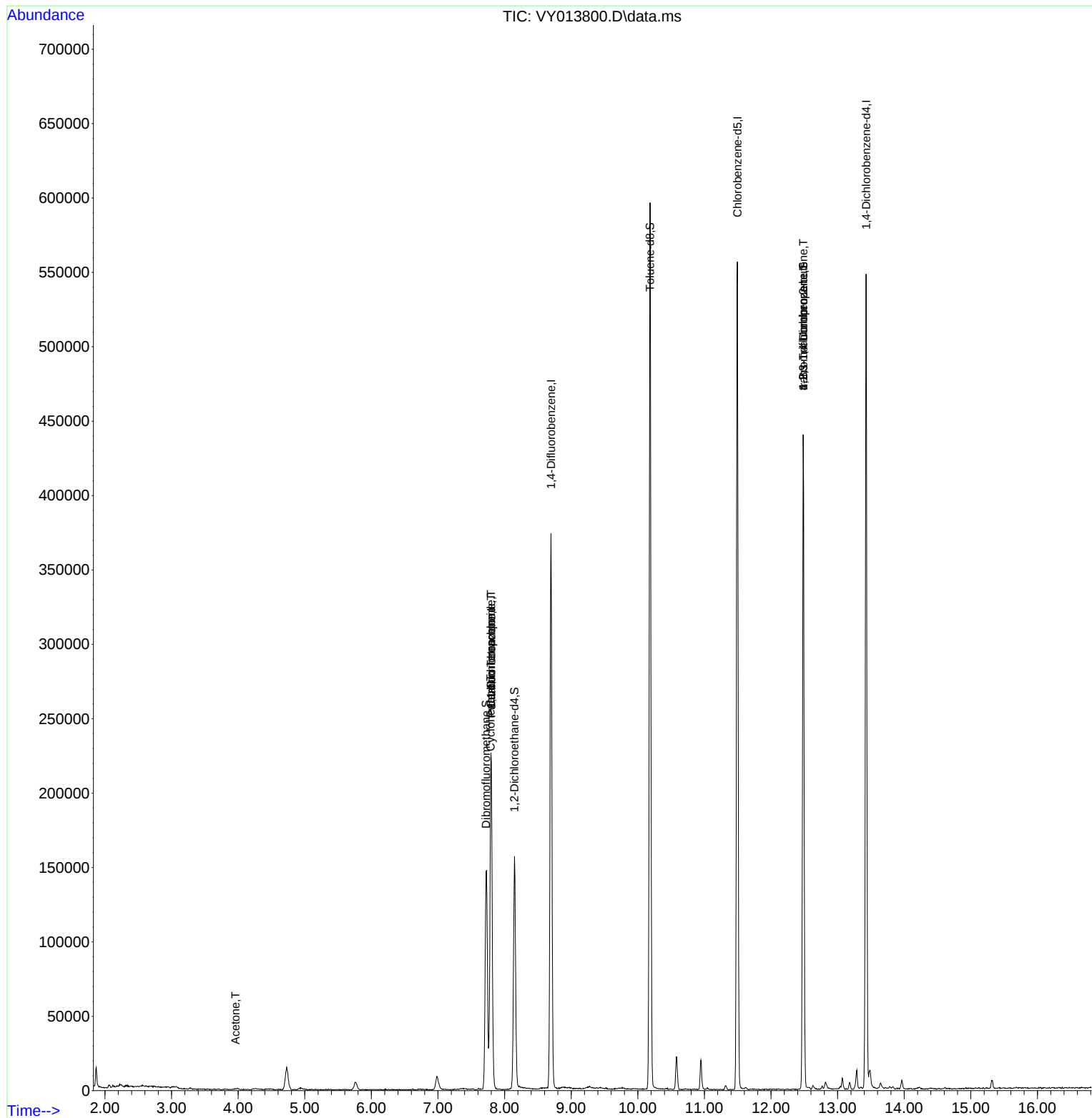
Internal Standards						
1) Pentafluorobenzene	7.801	168	175068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	301494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	296280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122758	60.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.720%	
35) Dibromofluoromethane	7.722	113	103204	53.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.760%	
50) Toluene-d8	10.185	98	370815	50.591	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.483	95	121431	49.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	626	1.020	ug/l #	78
20) Methylene Chloride	4.728	84	10332	Below Cal		97
31) Cyclohexane	7.789	56	4224	1.449	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	13549	5.072	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16770	5.951	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	65821	39.500	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65821	87.941	ug/l #	12

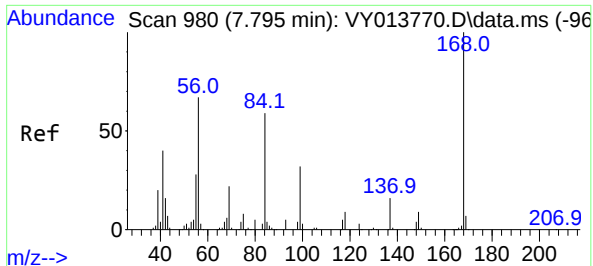
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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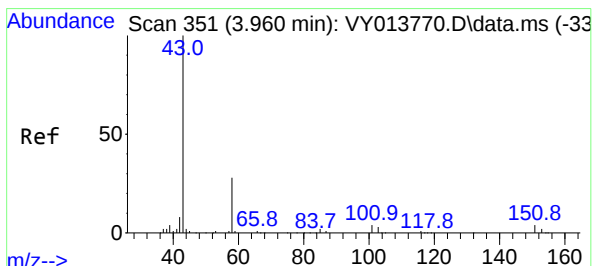
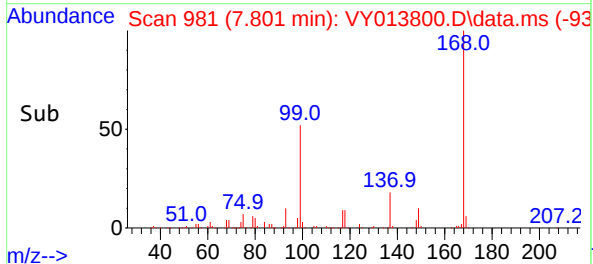
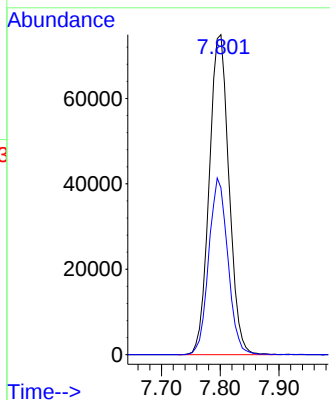
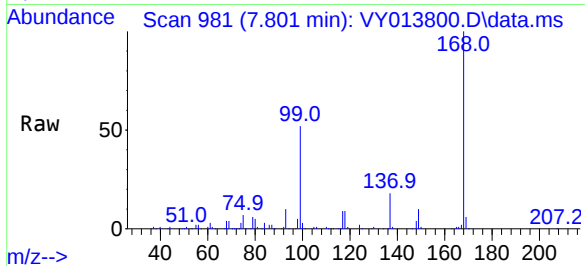




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

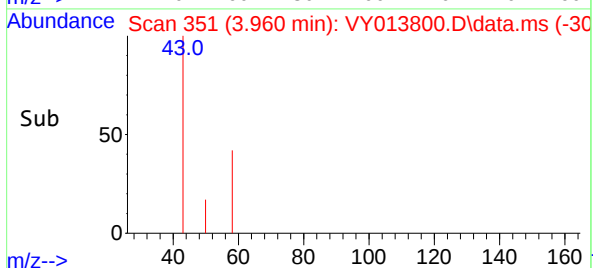
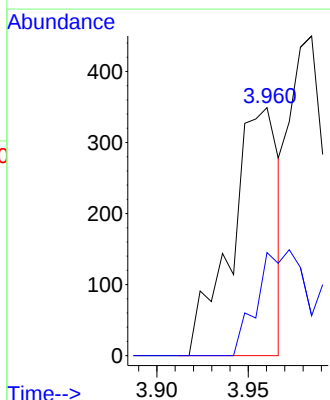
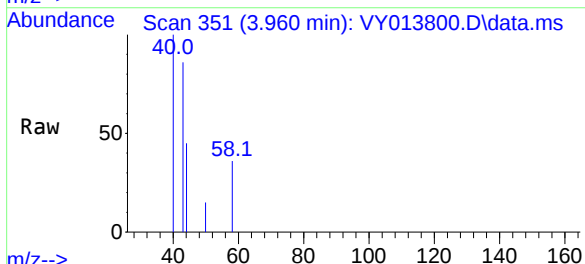
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

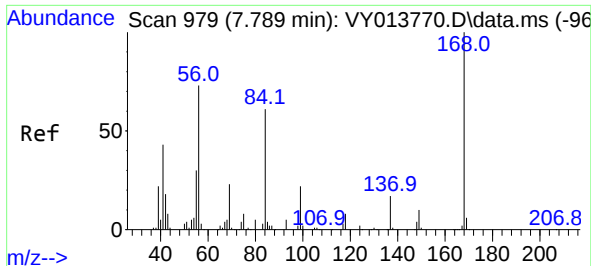
Tgt Ion:168 Resp: 175068
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#16
Acetone
Concen: 1.020 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 41.5 23.7 35.5#

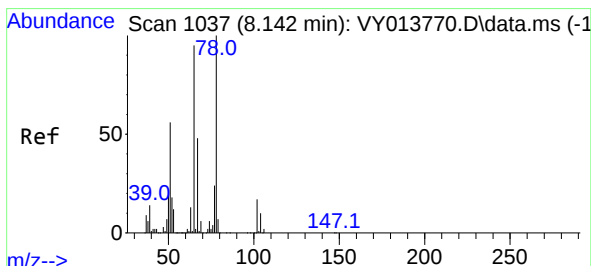
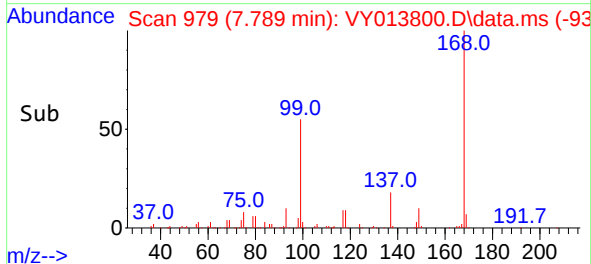
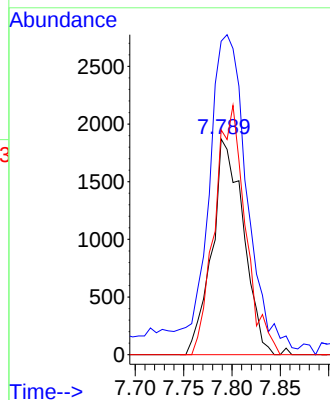
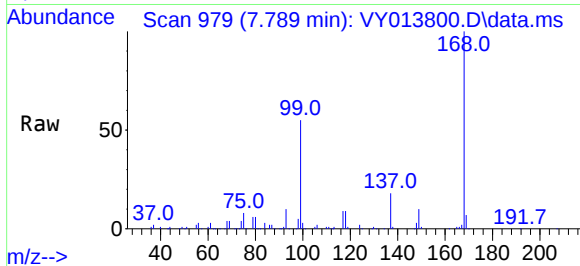




#31
Cyclohexane
Concen: 1.449 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

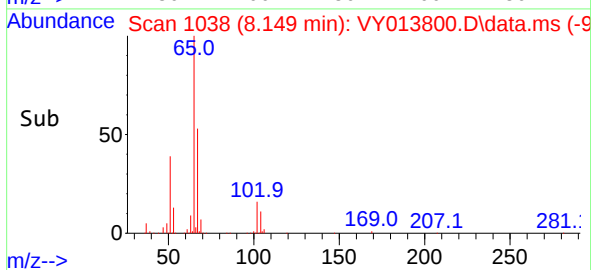
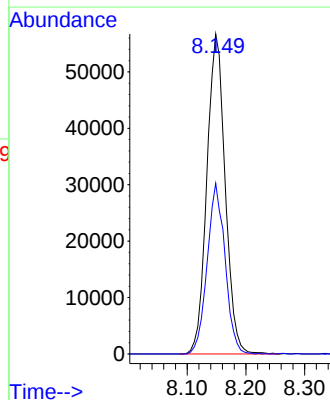
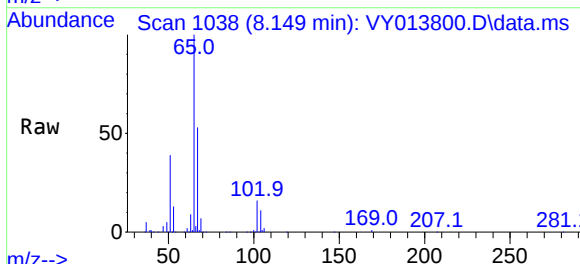
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

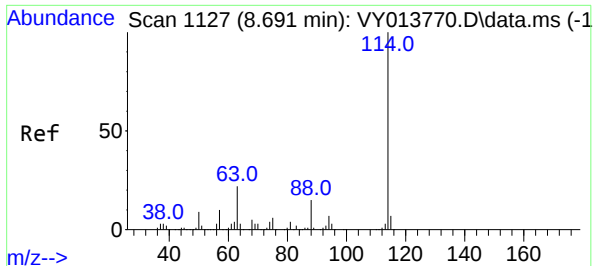
Tgt Ion: 56 Resp: 4224
Ion Ratio Lower Upper
56 100
69 137.8 25.8 38.6#
84 104.2 65.8 98.6#



#33
1,2-Dichloroethane-d4
Concen: 60.362 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

Tgt Ion: 65 Resp: 122758
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013800.D

Acq: 18 May 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-5

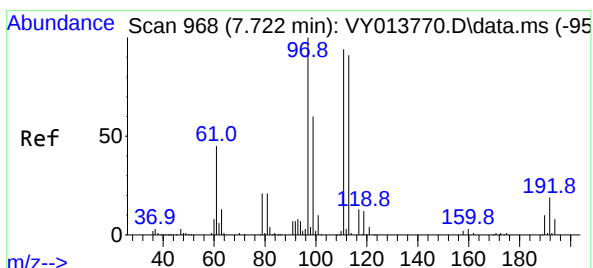
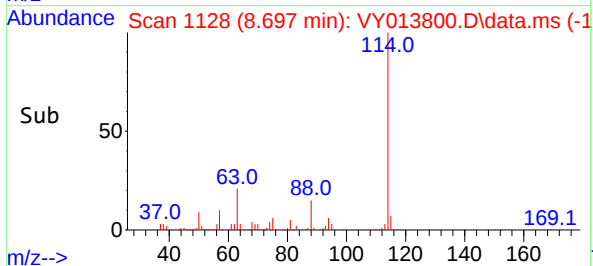
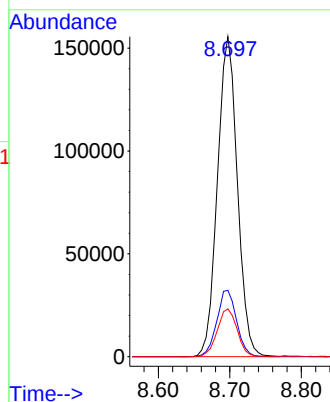
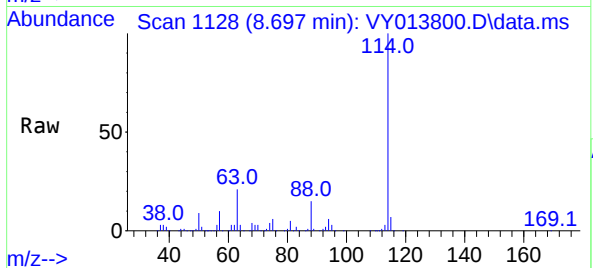
Tgt Ion:114 Resp: 301494

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 14.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.381 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013800.D

Acq: 18 May 2023 14:39

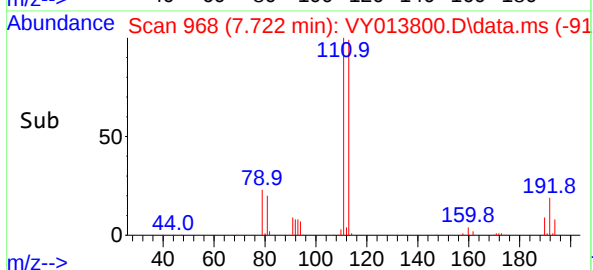
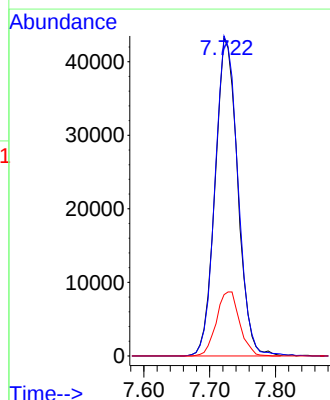
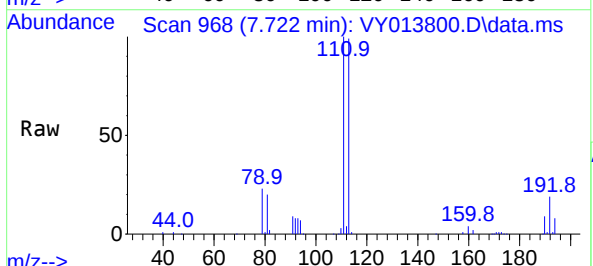
Tgt Ion:113 Resp: 103204

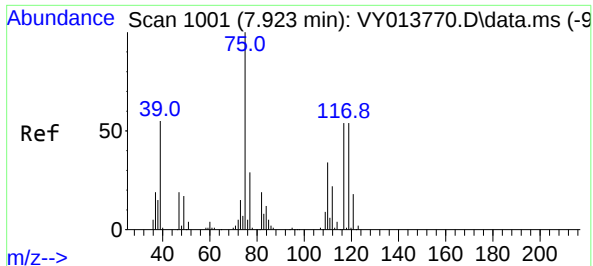
Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

192 20.7 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.072 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY013800.D

Acq: 18 May 2023 14:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-5

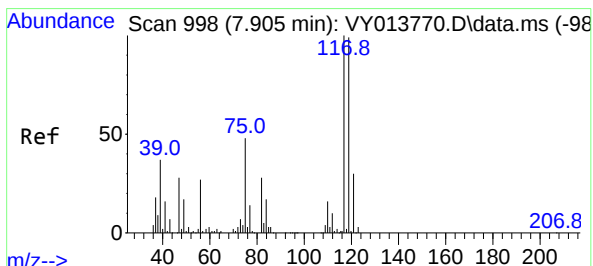
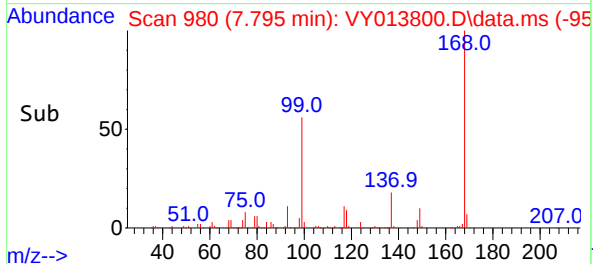
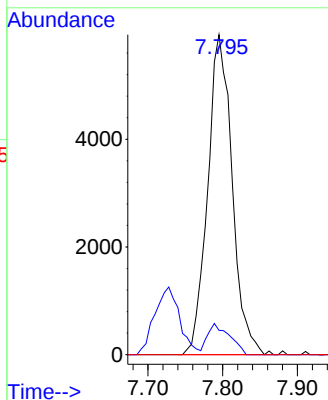
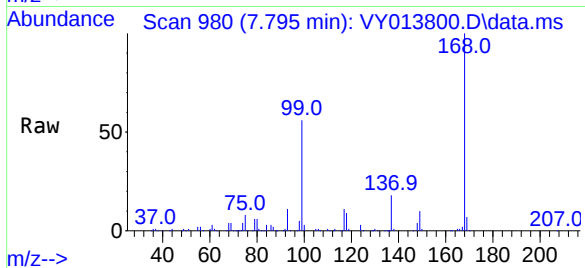
Tgt Ion: 75 Resp: 13549

Ion Ratio Lower Upper

75 100

110 8.7 17.3 51.7#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.951 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY013800.D

Acq: 18 May 2023 14:39

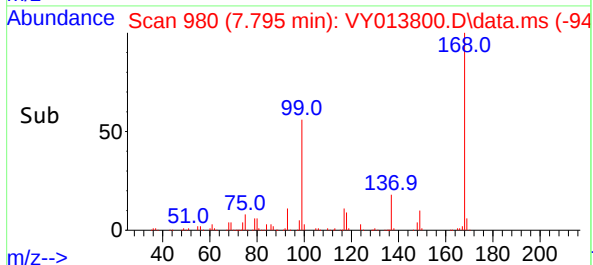
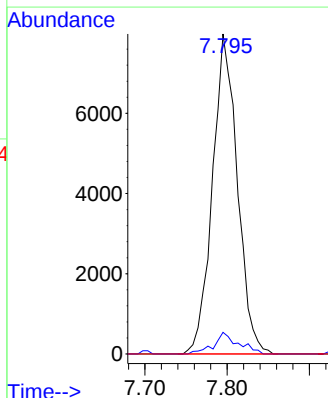
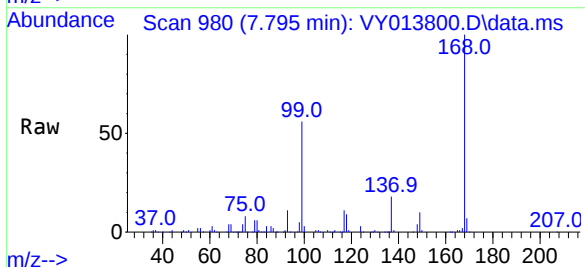
Tgt Ion: 117 Resp: 16770

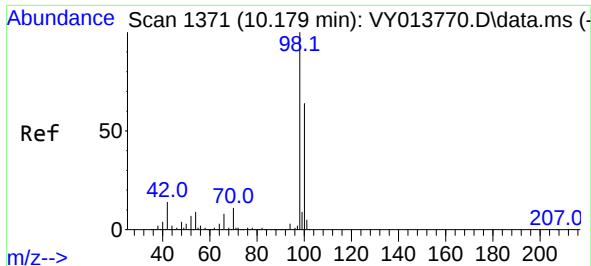
Ion Ratio Lower Upper

117 100

119 6.8 79.0 118.6#

121 0.0 24.1 36.1#

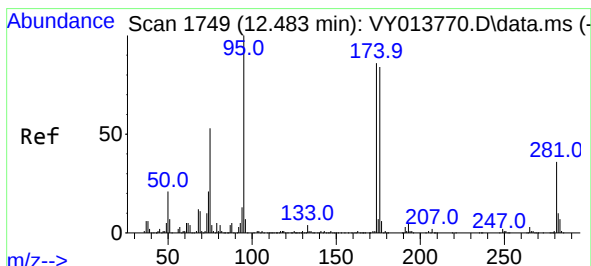
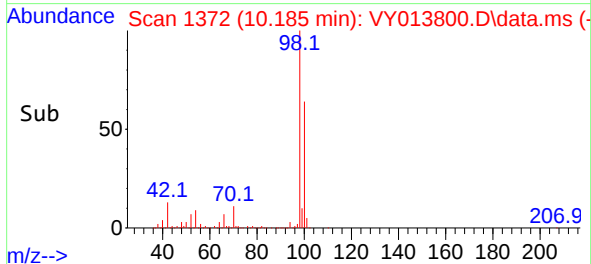
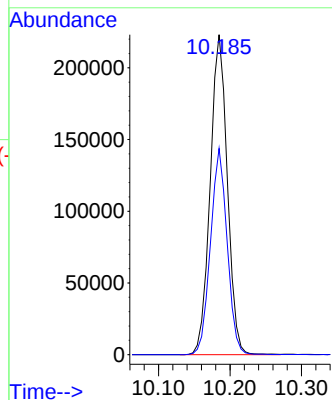
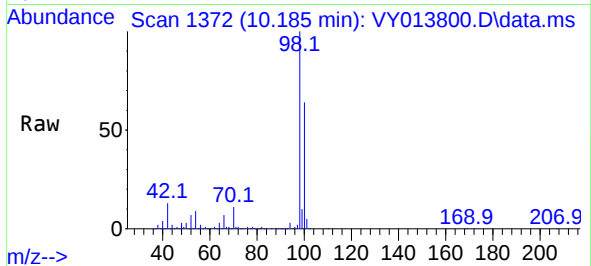




#50
Toluene-d8
Concen: 50.591 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

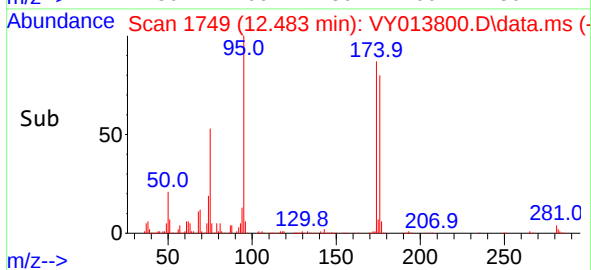
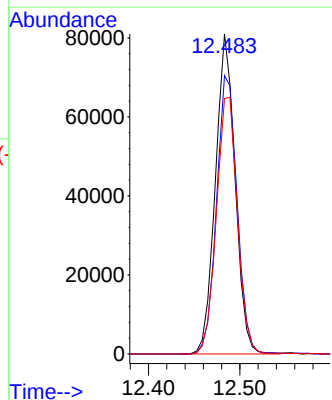
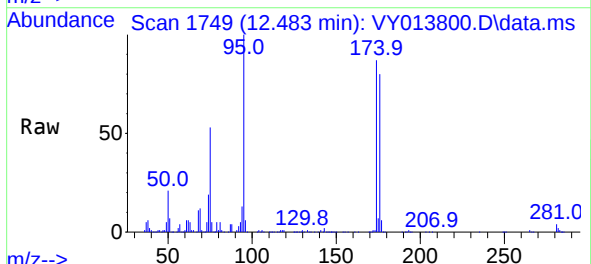
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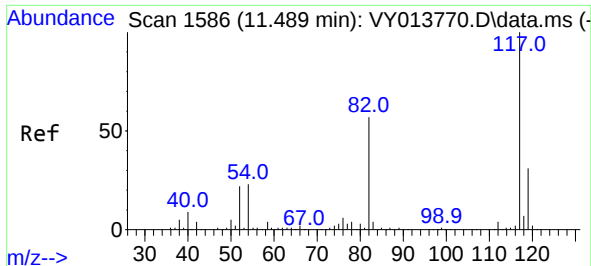
Tgt Ion: 98 Resp: 370815
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 49.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

Tgt Ion: 95 Resp: 121431
Ion Ratio Lower Upper
95 100
174 91.1 0.0 168.8
176 85.8 0.0 165.2

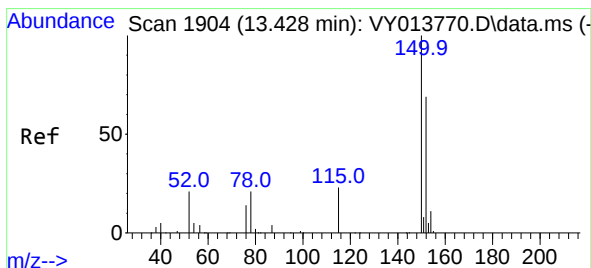
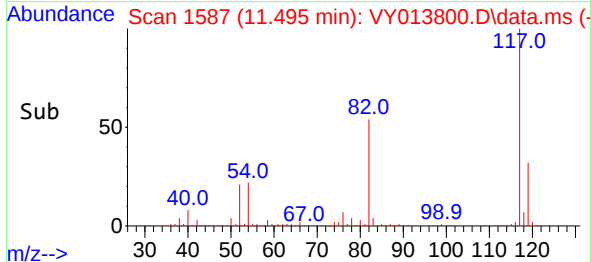
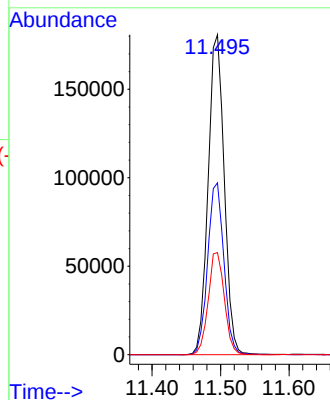
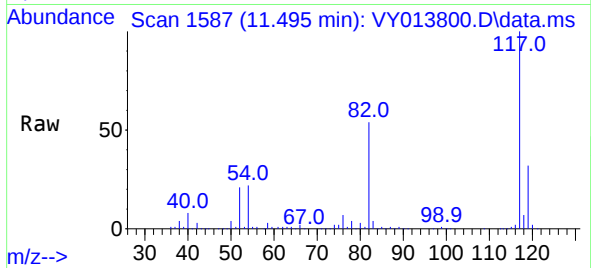




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

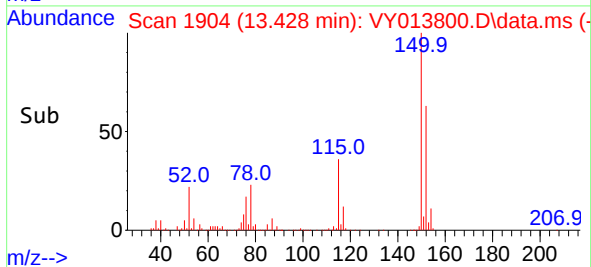
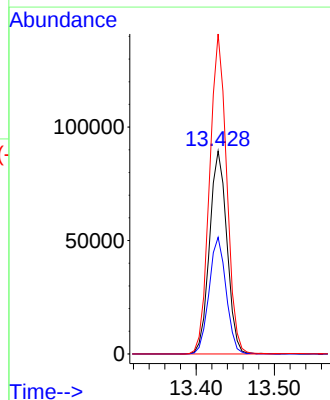
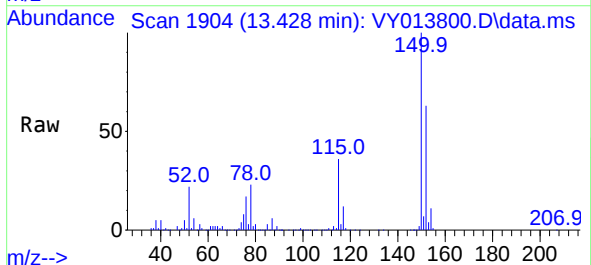
Instrument :
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ClientSampleId :
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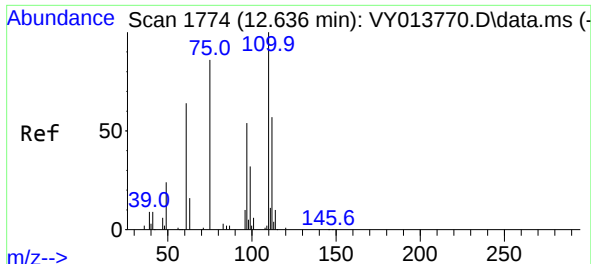
Tgt Ion:117 Resp: 296280
Ion Ratio Lower Upper
117 100
82 53.7 45.5 68.3
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

Tgt Ion:152 Resp: 137686
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.5
150 155.1 0.0 347.0

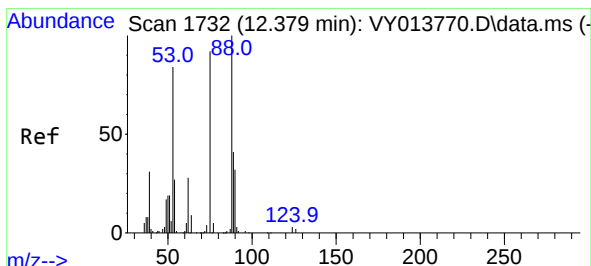
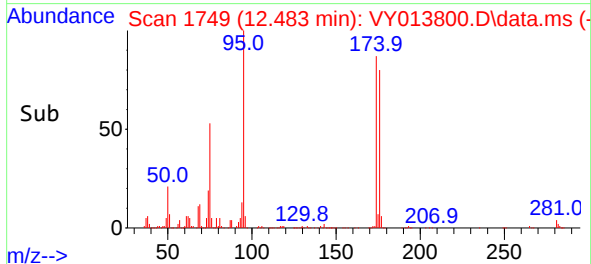
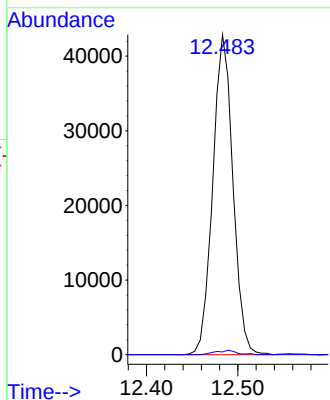
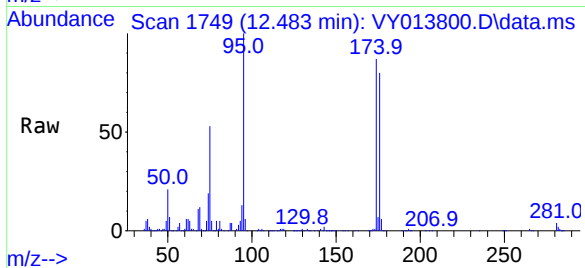




#76
1,2,3-Trichloropropane
Concen: 39.500 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion: 75 Resp: 65821
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013800.D
Acq: 18 May 2023 14:39

Tgt Ion: 75 Resp: 65821
Ion Ratio Lower Upper
75 100
53 0.2 75.3 112.9#
89 0.0 35.4 53.2#

