

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016361.D
 Acq On : 15 Nov 2023 13:14
 Operator : SY/MD
 Sample : 05408-07
 Misc : 7.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:03:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

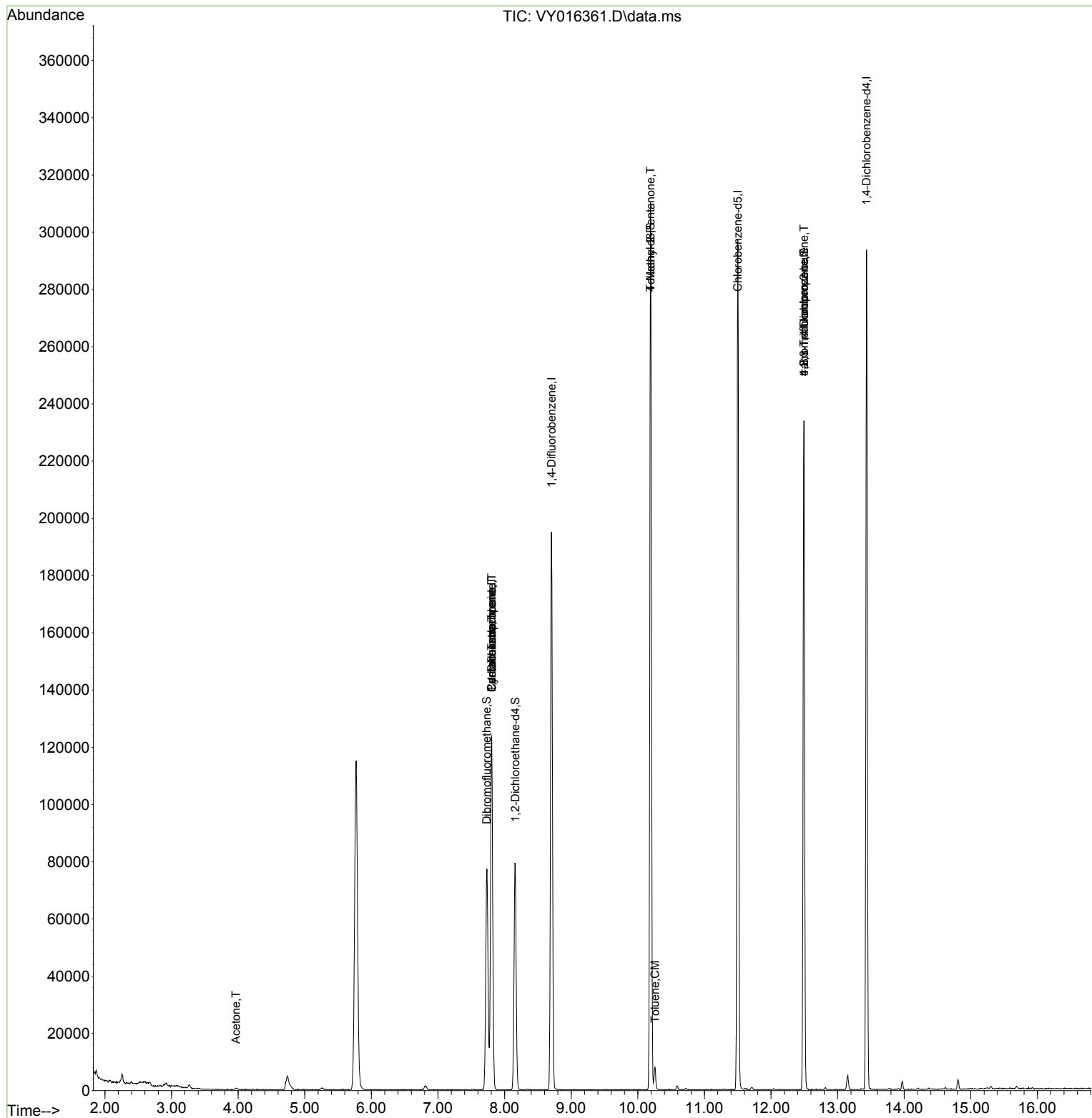
Internal Standards						
1) Pentafluorobenzene	7.807	168	97030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	173910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	167967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62970	71.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.020%	
35) Dibromofluoromethane	7.734	113	56102	56.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.580%	
50) Toluene-d8	10.191	98	204868	51.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.280%	
62) 4-Bromofluorobenzene	12.495	95	71306	54.802	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	818	5.576	ug/l #	74
31) Cyclohexane	7.807	56	1998	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	7108	4.144	ug/l #	51
38) Carbon Tetrachloride	7.807	117	9717	5.458	ug/l #	18
51) 4-Methyl-2-Pentanone	10.191	43	807	1.191	ug/l #	1
52) Toluene	10.258	92	3367	1.105	ug/l	93
76) 1,2,3-Trichloropropane	12.495	75	36404	49.895	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	36404	108.302	ug/l #	11

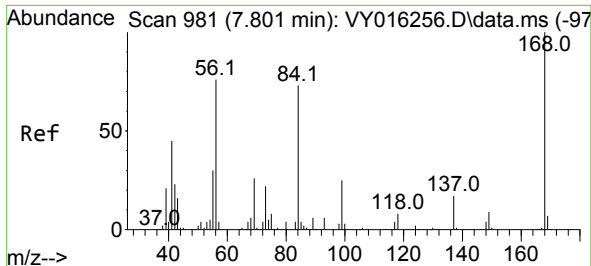
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
Data File : VY016361.D
Acq On : 15 Nov 2023 13:14
Operator : SY/MD
Sample : 05408-07
Misc : 7.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 00:03:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

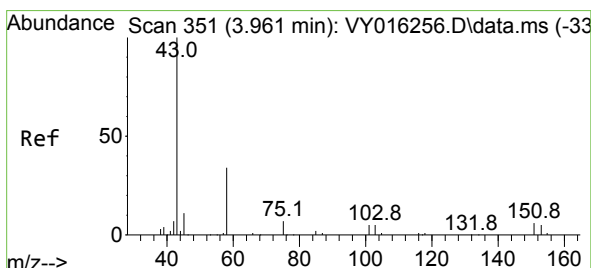
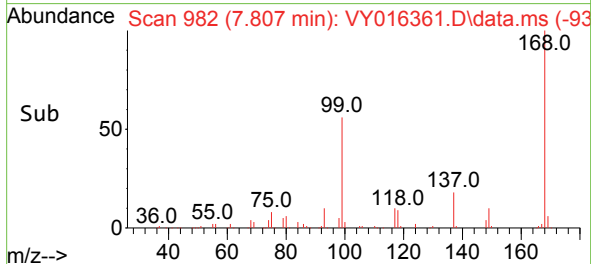
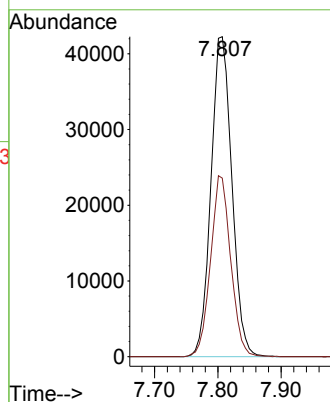
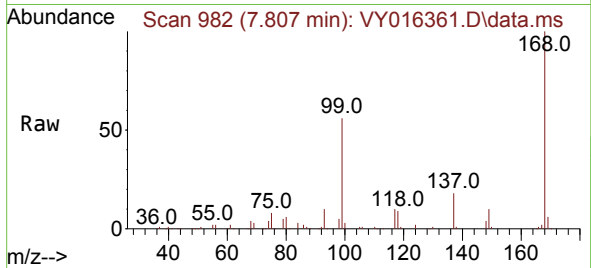




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

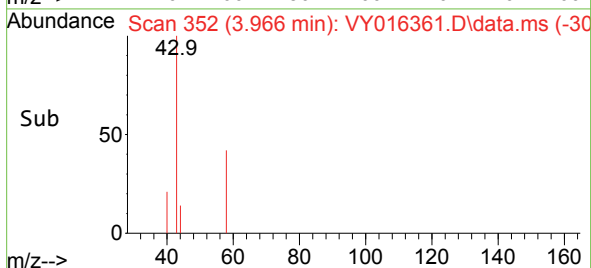
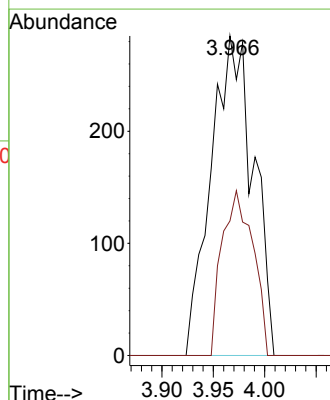
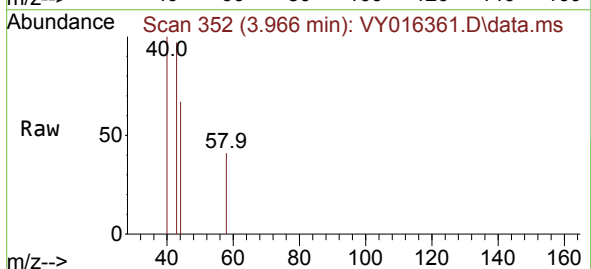
Instrument :
MSVOA_Y
ClientSampleId :

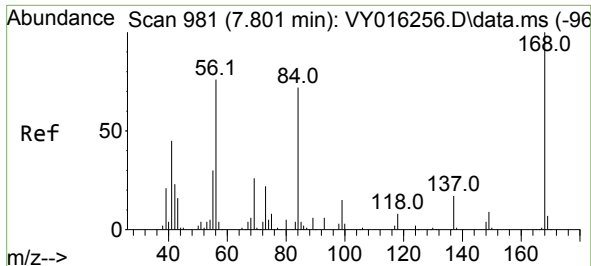
Tgt Ion:168 Resp: 97030
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 5.576 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 42.1 22.7 34.1#

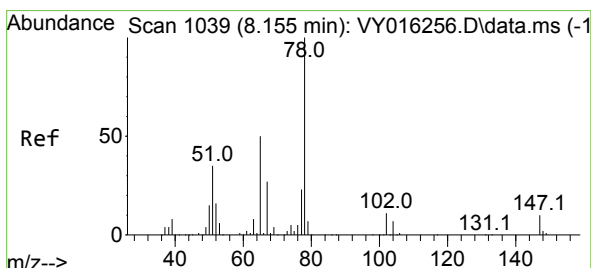
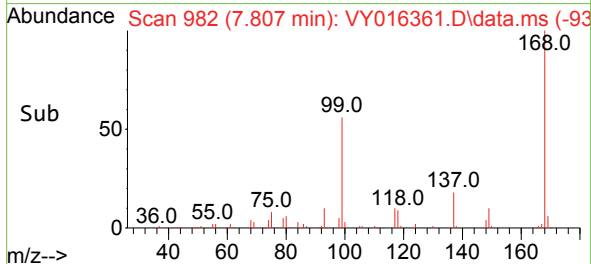
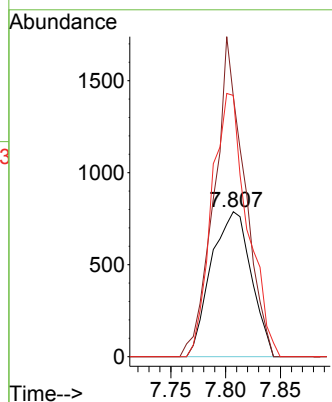
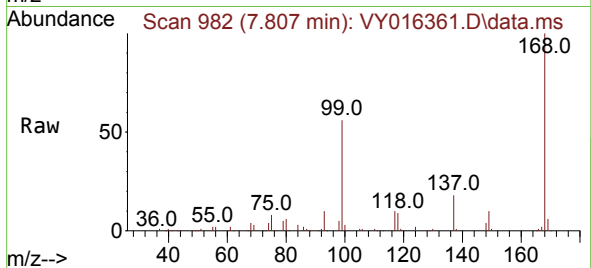




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

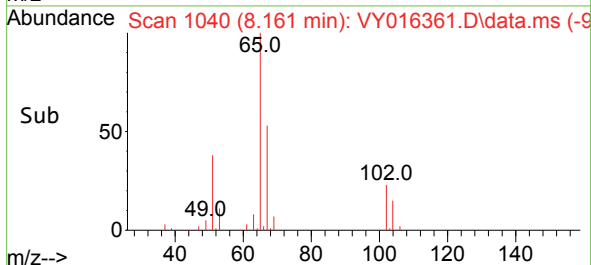
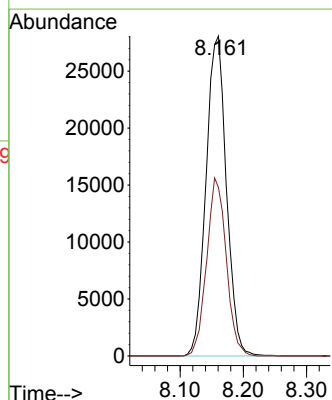
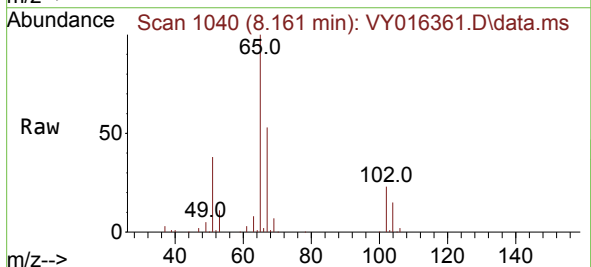
Instrument :
MSVOA_Y
ClientSampleId :

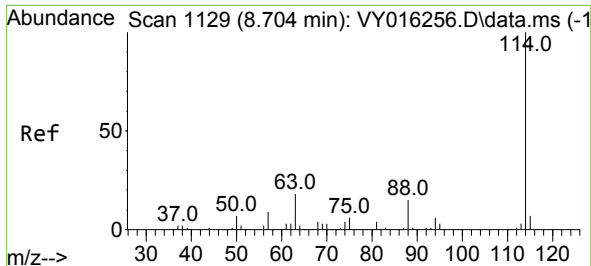
Tgt Ion: 56 Resp: 1998
Ion Ratio Lower Upper
56 100
69 179.4 27.8 41.6#
84 180.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 71.007 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

Tgt Ion: 65 Resp: 62970
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8

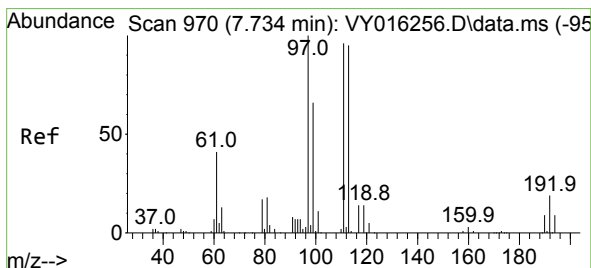
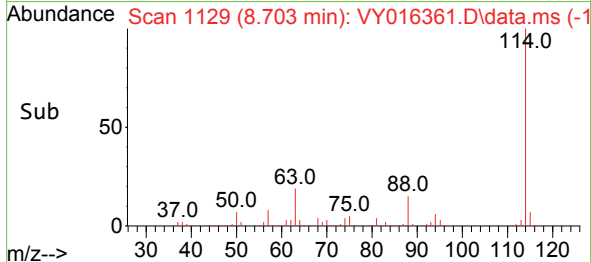
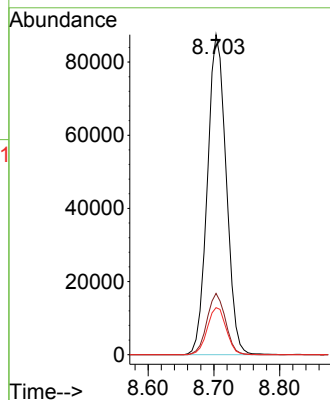
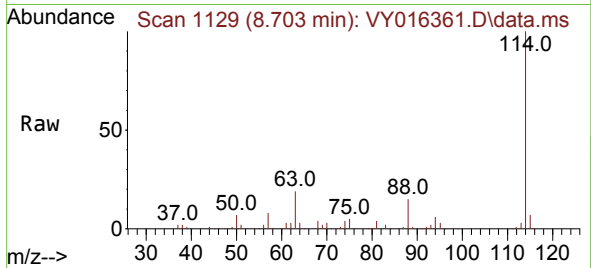




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

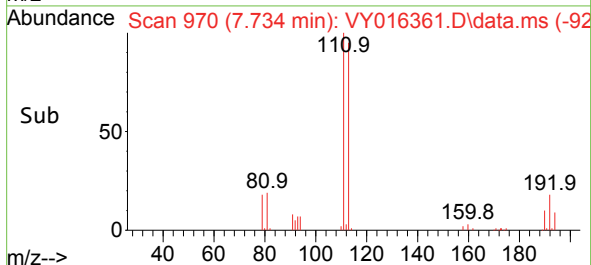
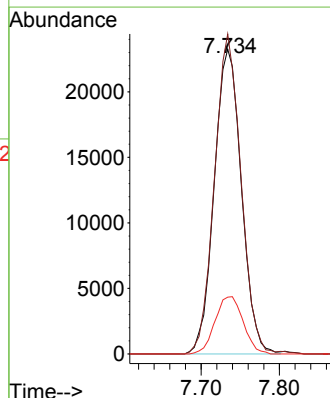
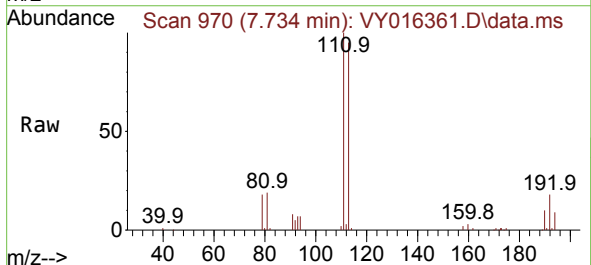
Instrument :
MSVOA_Y
ClientSampleId :

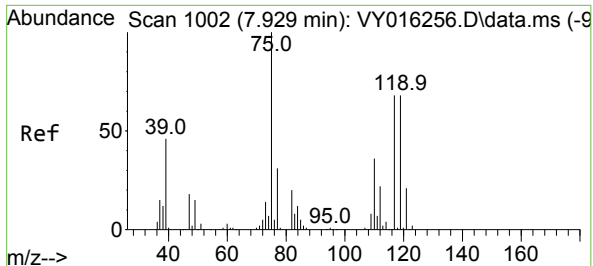
Tgt Ion:114 Resp: 173910
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.788 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

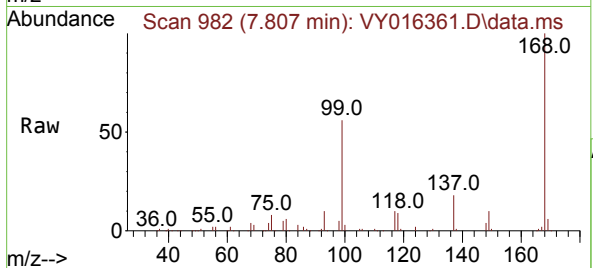
Tgt Ion:113 Resp: 56102
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.4 16.9 25.3



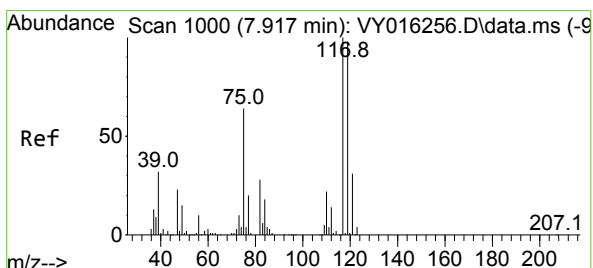
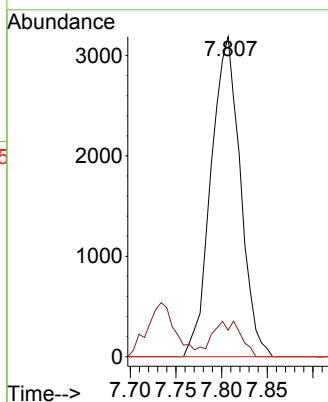
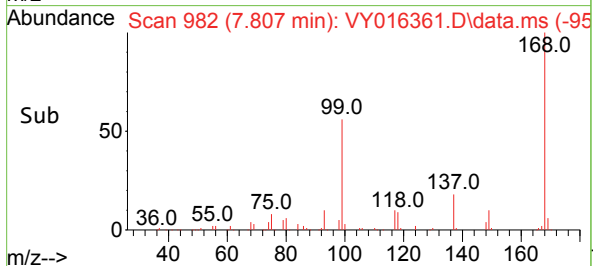


#36
1,1-Dichloropropene
Concen: 4.144 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

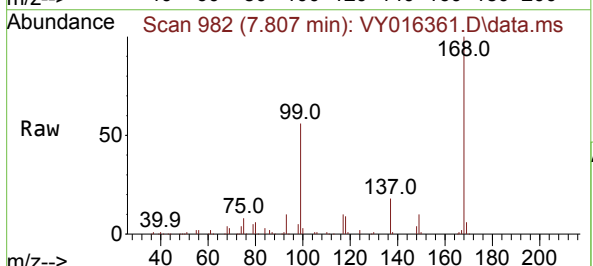
Instrument :
MSVOA_Y
ClientSampleId :



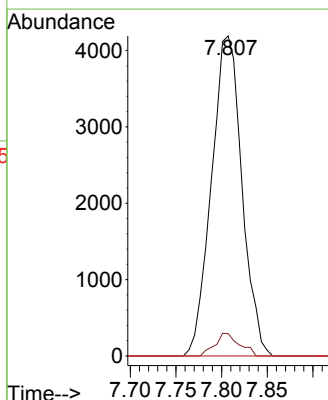
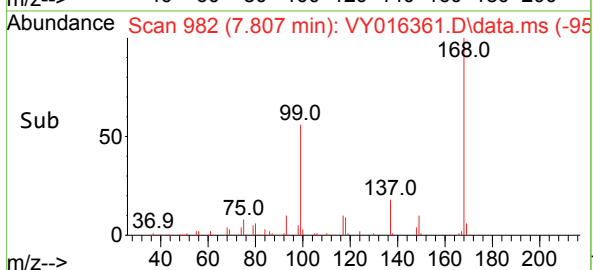
Tgt Ion: 75 Resp: 7108
Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.5#
77 0.0 24.4 36.6#

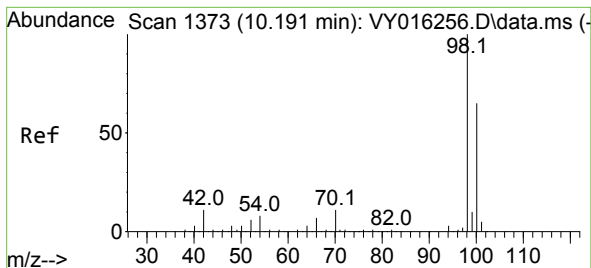


#38
Carbon Tetrachloride
Concen: 5.458 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14



Tgt Ion: 117 Resp: 9717
Ion Ratio Lower Upper
117 100
119 7.0 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.138 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016361.D

Acq: 15 Nov 2023 13:14

Instrument :

MSVOA_Y

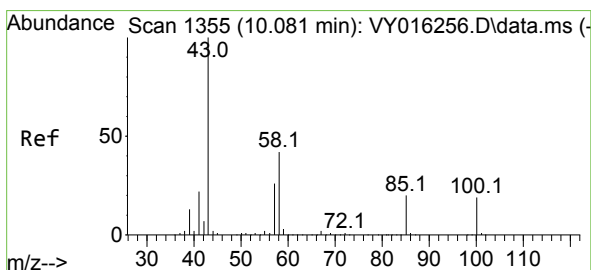
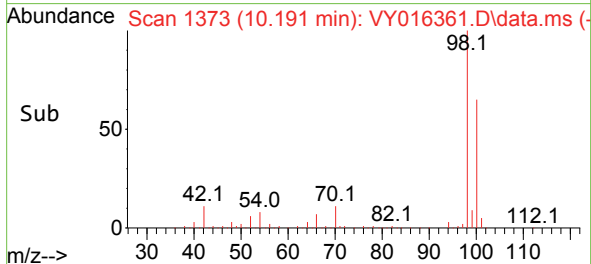
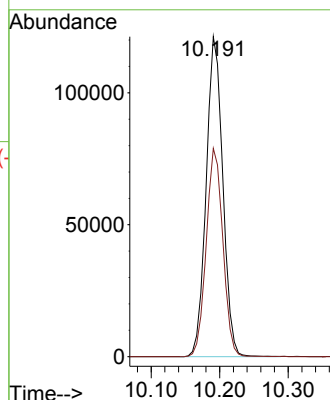
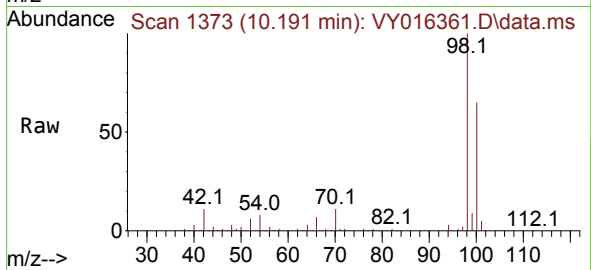
ClientSampleId :

Tgt Ion: 98 Resp: 204868

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.191 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.109 min

Lab File: VY016361.D

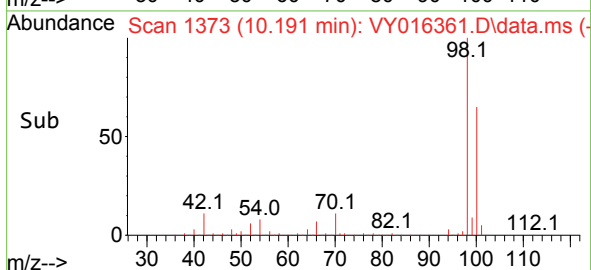
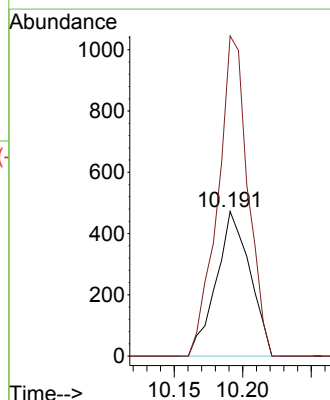
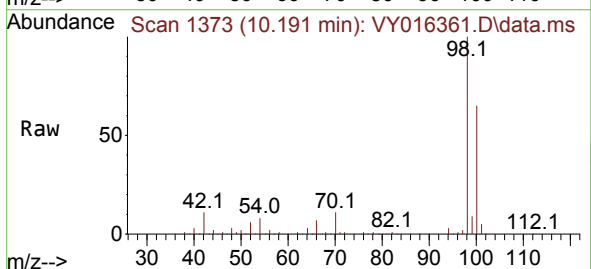
Acq: 15 Nov 2023 13:14

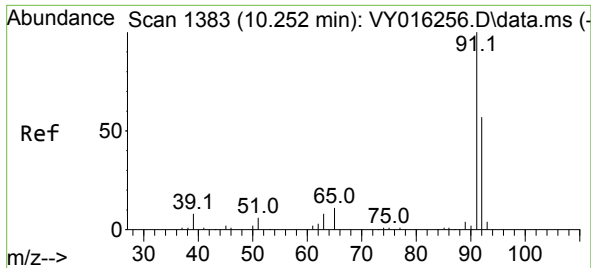
Tgt Ion: 43 Resp: 807

Ion Ratio Lower Upper

43 100

58 199.0 29.0 43.6#

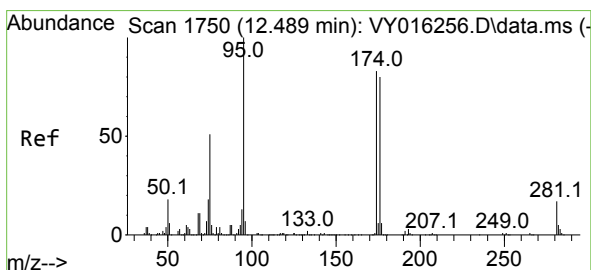
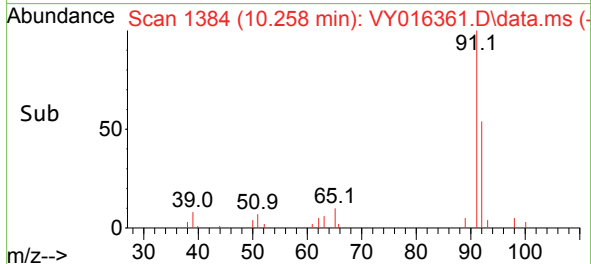
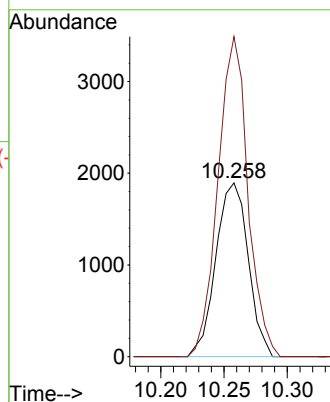
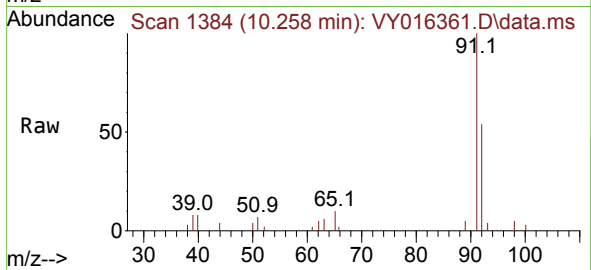




#52
Toluene
Concen: 1.105 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

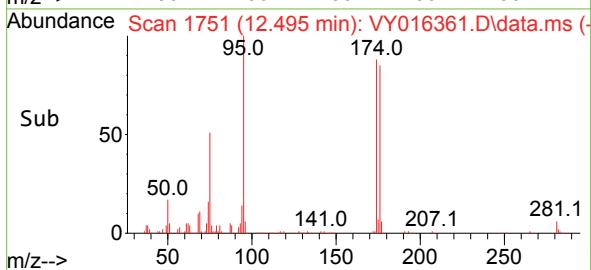
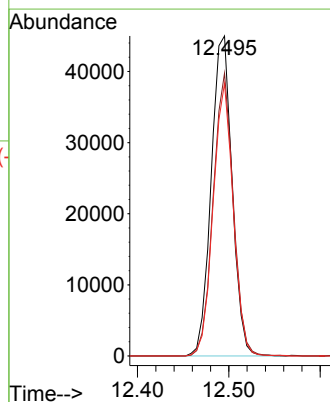
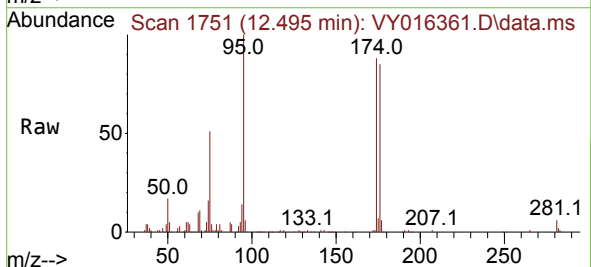
Instrument :
MSVOA_Y
ClientSampleId :

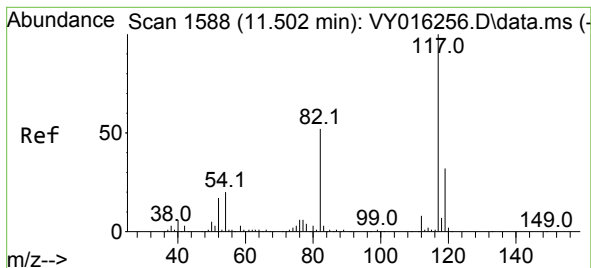
Tgt Ion: 92 Resp: 3367
Ion Ratio Lower Upper
92 100
91 170.4 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 54.802 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

Tgt Ion: 95 Resp: 71306
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.000 min

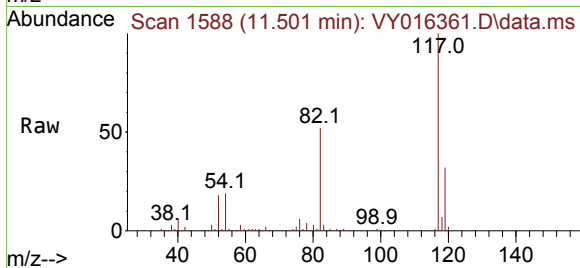
Lab File: VY016361.D

Acq: 15 Nov 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :



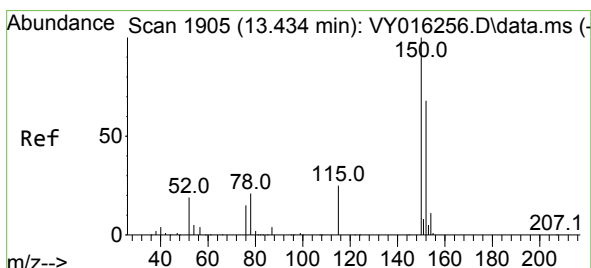
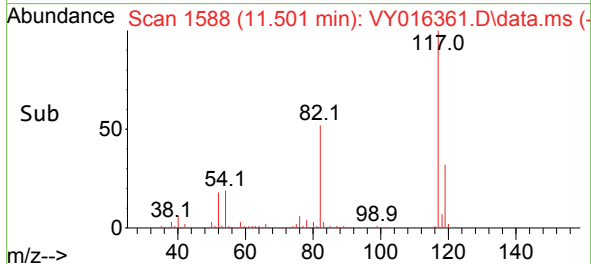
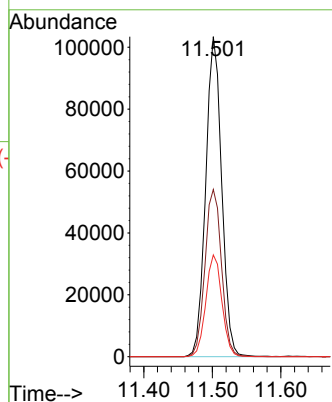
Tgt Ion:117 Resp: 167967

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 31.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016361.D

Acq: 15 Nov 2023 13:14

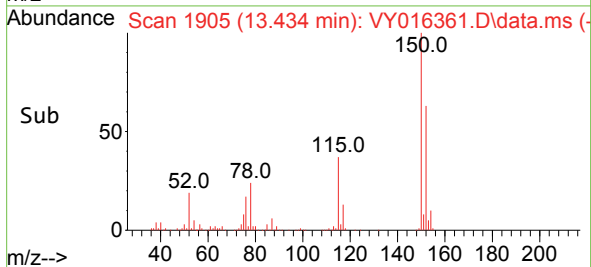
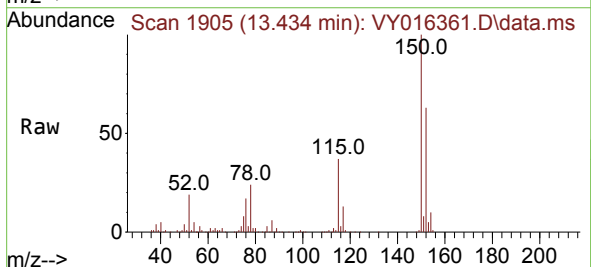
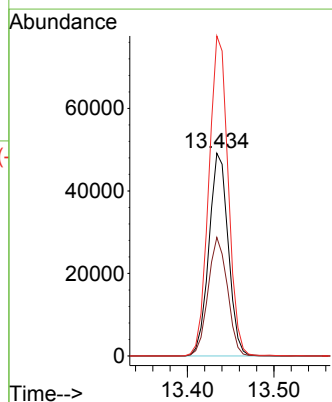
Tgt Ion:152 Resp: 76057

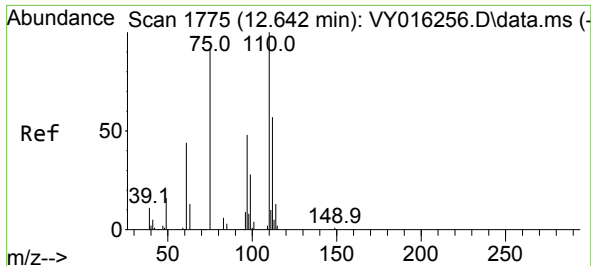
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 158.1 0.0 348.8

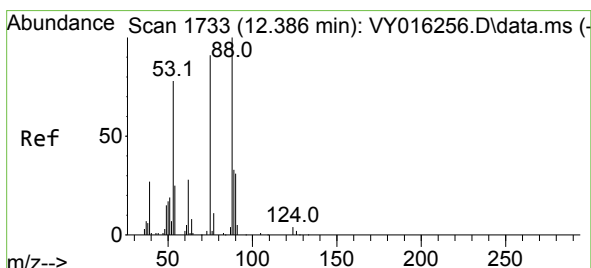
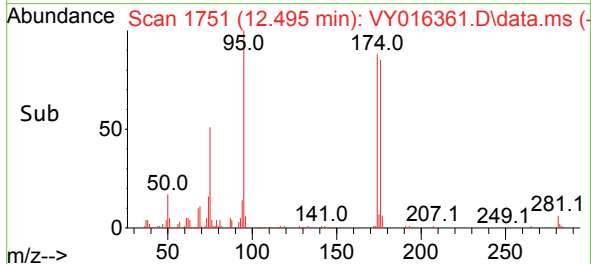
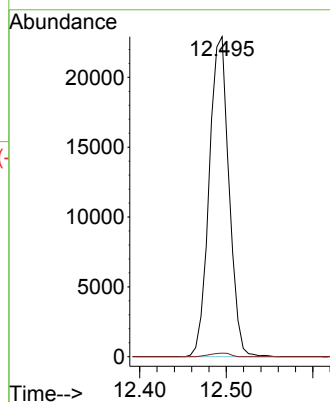
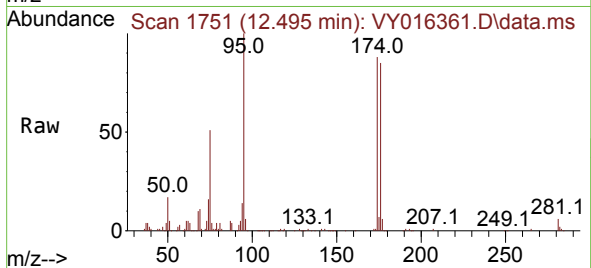




#76
1,2,3-Trichloropropane
Concen: 49.895 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36404
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.302 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

Tgt Ion: 75 Resp: 36404
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

