

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016360.D
 Acq On : 15 Nov 2023 12:50
 Operator : SY/MD
 Sample : 05408-05
 Misc : 8.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:03:11 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)

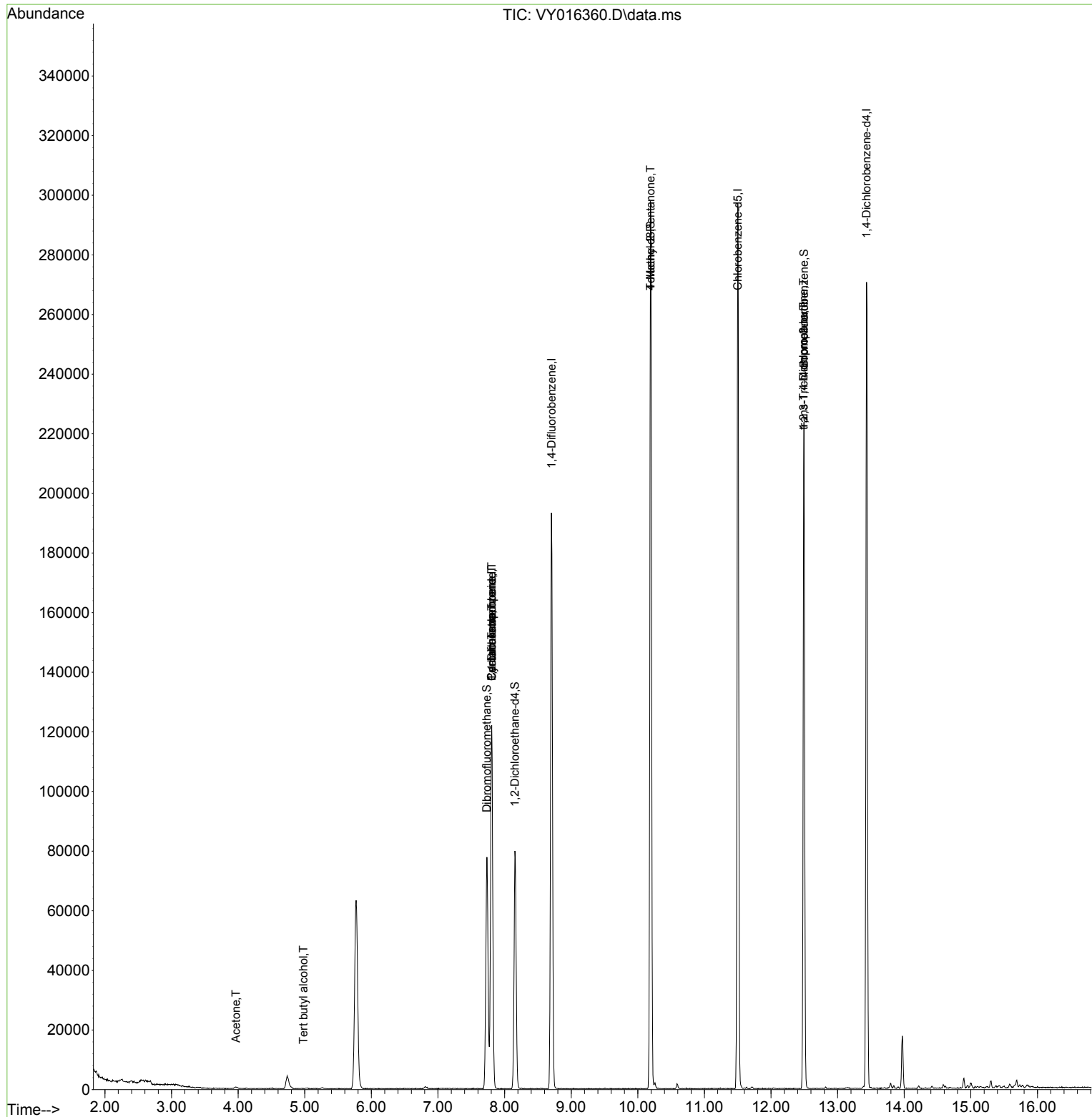
Internal Standards						
1) Pentafluorobenzene	7.807	168	96220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	170093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62413	70.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.940%	
35) Dibromofluoromethane	7.734	113	54873	56.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.580%	
50) Toluene-d8	10.191	98	202007	51.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	12.495	95	68441	53.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	140	2.033	ug/l #	89
16) Acetone	3.966	43	1047	7.198	ug/l	93
20) Methylene Chloride	4.735	84	3187	Below Cal		86
31) Cyclohexane	7.807	56	2070	1.196	ug/l #	8
36) 1,1-Dichloropropene	7.807	75	7172	4.275	ug/l #	45
38) Carbon Tetrachloride	7.807	117	9232	5.302	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	727	1.097	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	35301	50.818	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35301	110.305	ug/l #	11

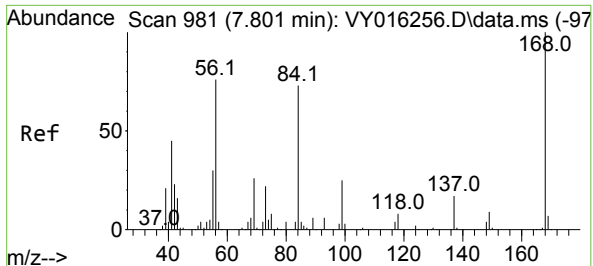
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
Data File : VY016360.D
Acq On : 15 Nov 2023 12:50
Operator : SY/MD
Sample : 05408-05
Misc : 8.17g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 00:03:11 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

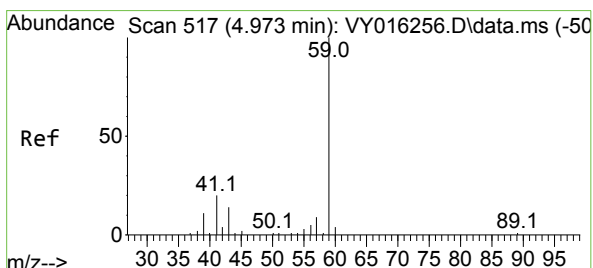
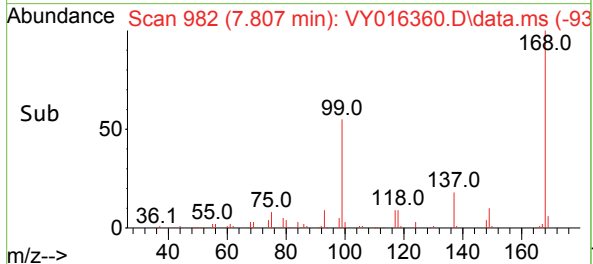
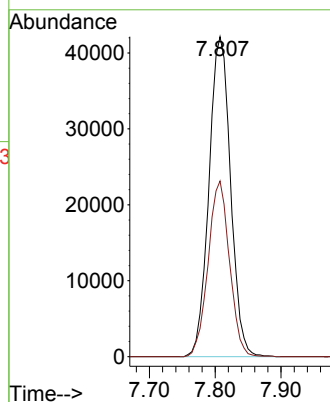
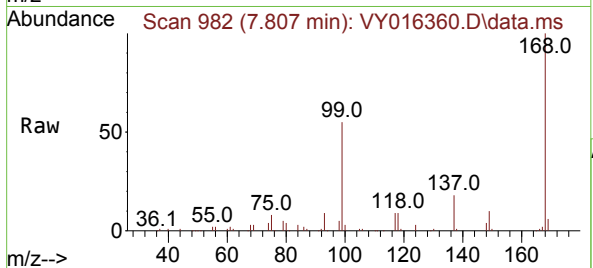




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

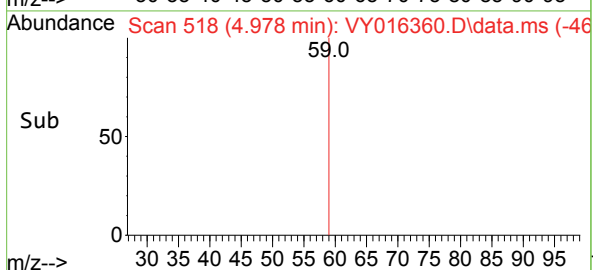
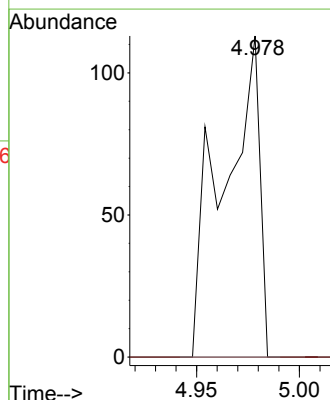
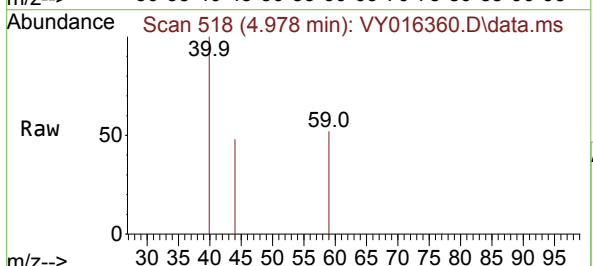
Instrument :
MSVOA_Y
ClientSampleId :

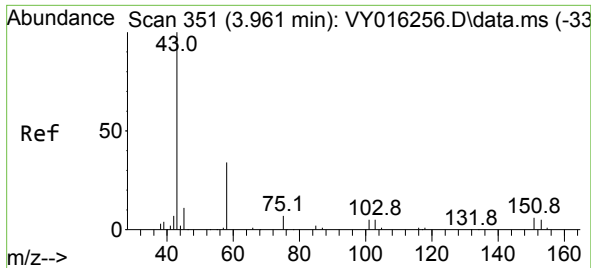
Tgt Ion:168 Resp: 96220
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.033 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

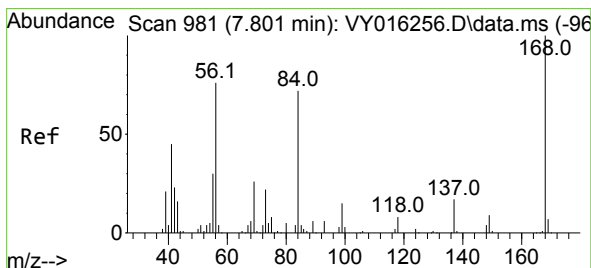
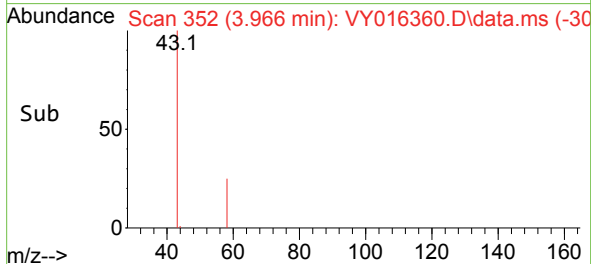
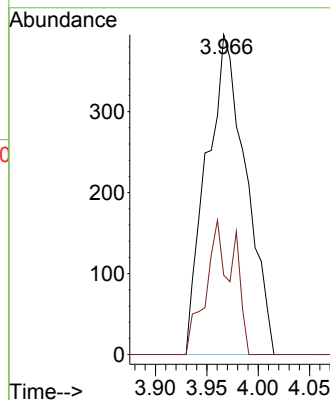
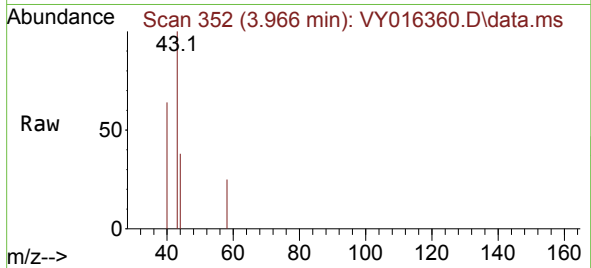




#16
Acetone
Concen: 7.198 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

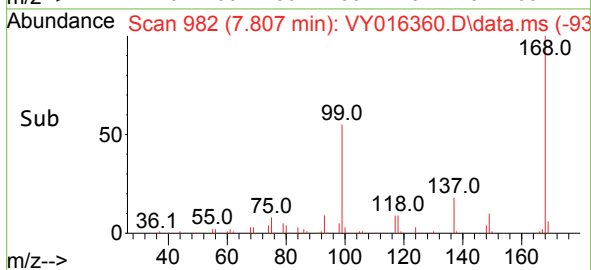
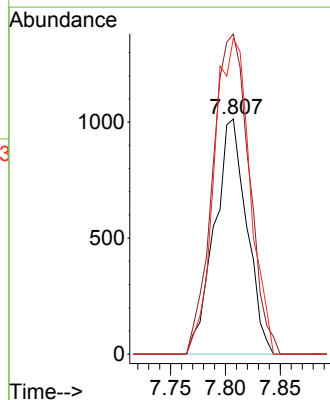
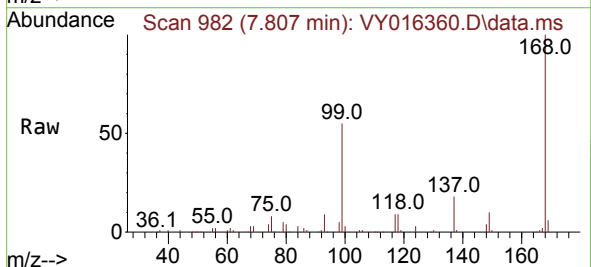
Instrument :
MSVOA_Y
ClientSampleId :

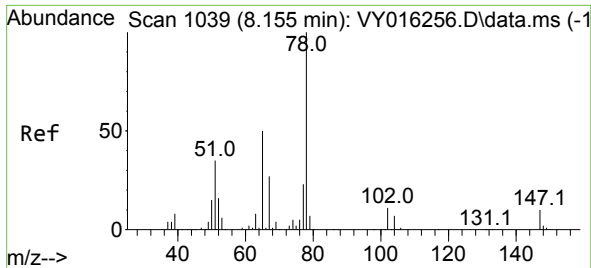
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 24.8 22.7 34.1



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

Tgt Ion: 56 Resp: 2070
Ion Ratio Lower Upper
56 100
69 136.2 27.8 41.6#
84 134.3 66.4 99.6#

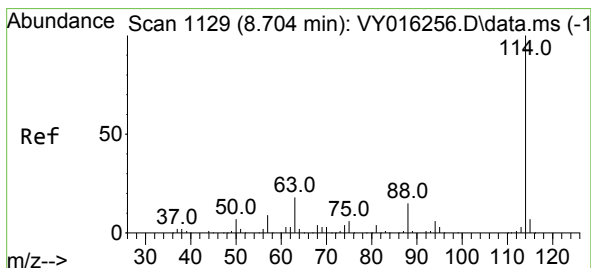
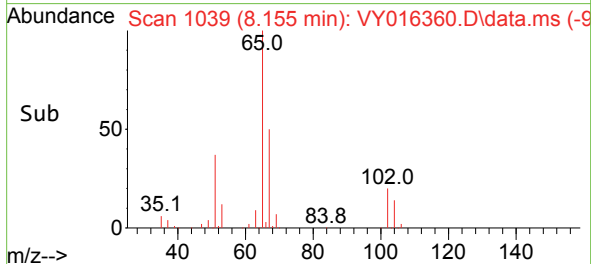
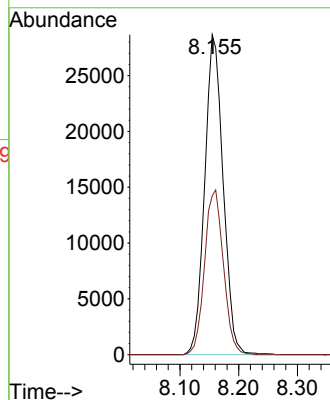
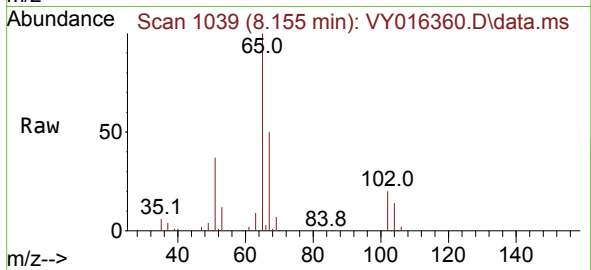




#33
1,2-Dichloroethane-d4
Concen: 70.971 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

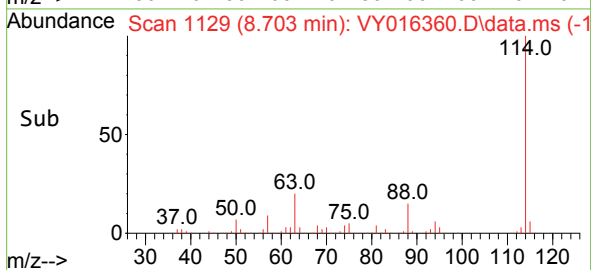
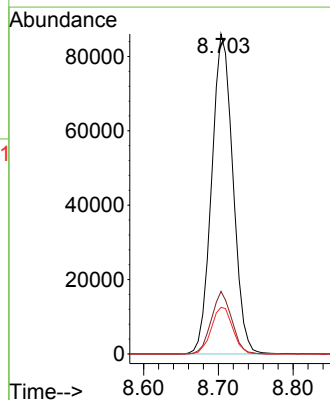
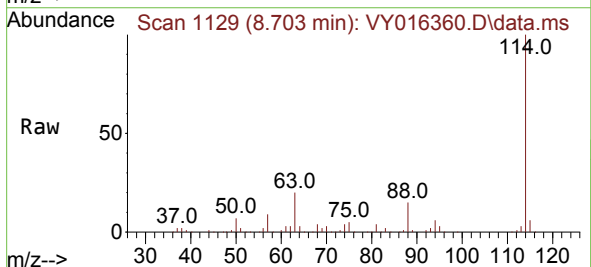
Instrument :
MSVOA_Y
ClientSampleId :

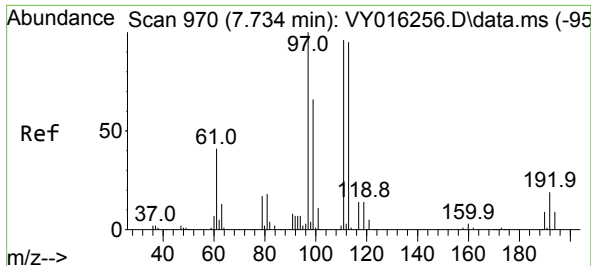
Tgt Ion: 65 Resp: 62413
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

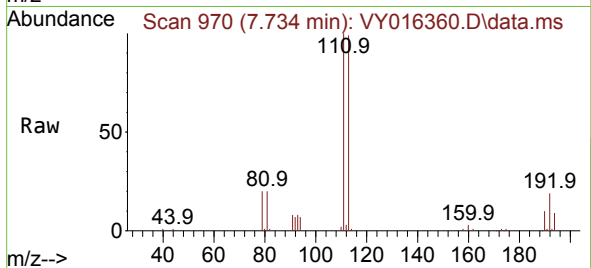
Tgt Ion:114 Resp: 170093
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 14.6 0.0 30.6



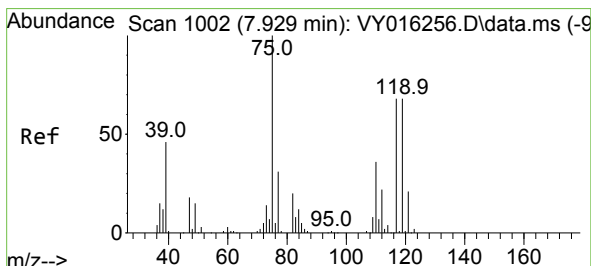
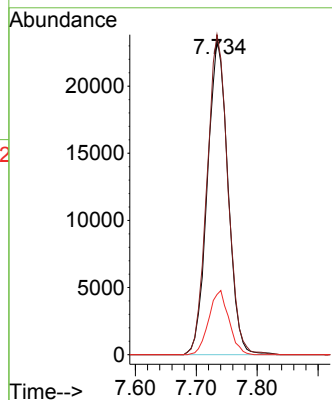
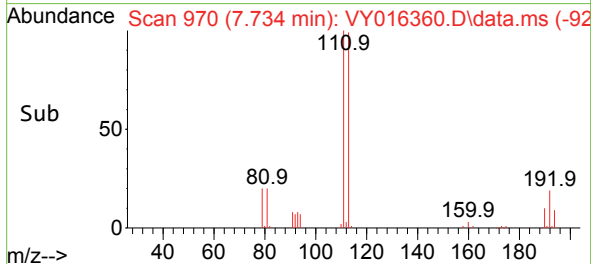


#35
 Dibromofluoromethane
 Concen: 56.790 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY016360.D
 Acq: 15 Nov 2023 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :

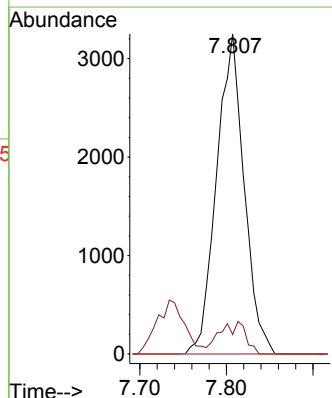
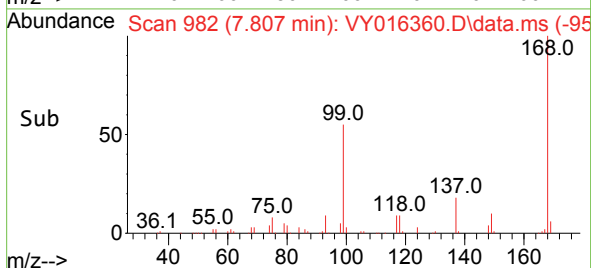
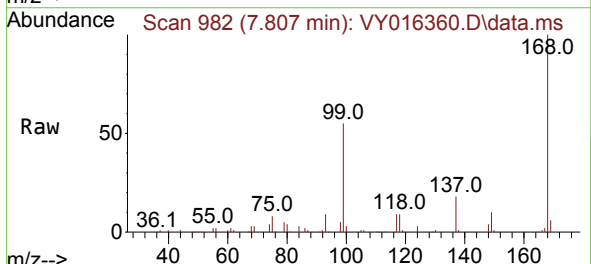


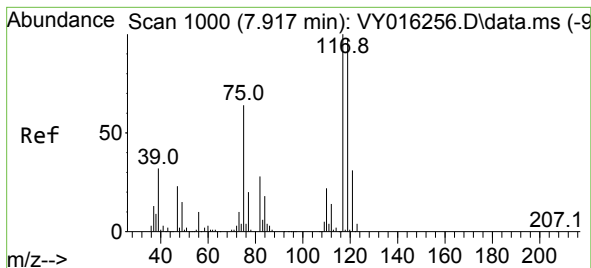
Tgt Ion:113 Resp: 54873
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.3 121.9
 192 20.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.275 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.122 min
 Lab File: VY016360.D
 Acq: 15 Nov 2023 12:50

Tgt Ion: 75 Resp: 7172
 Ion Ratio Lower Upper
 75 100
 110 3.8 17.8 53.5#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.302 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.110 min

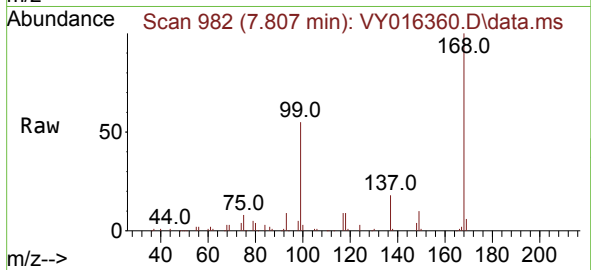
Lab File: VY016360.D

Acq: 15 Nov 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :



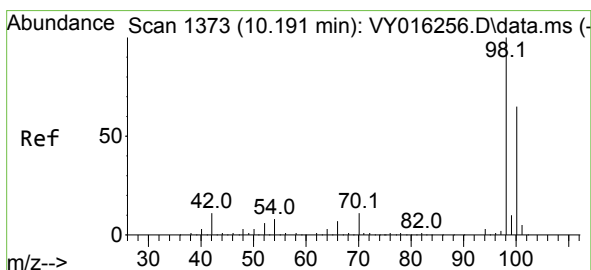
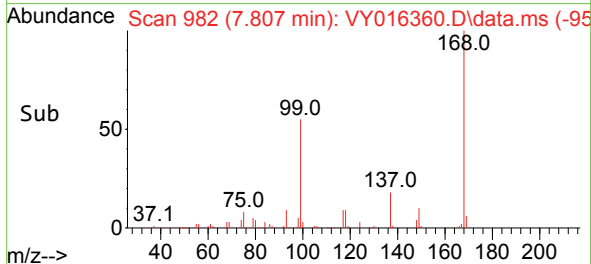
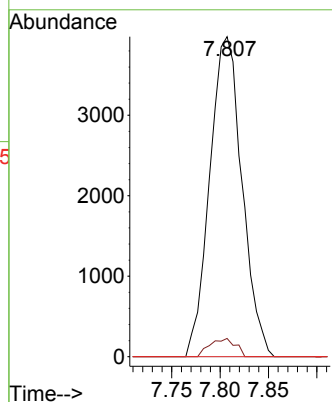
Tgt Ion:117 Resp: 9232

Ion Ratio Lower Upper

117 100

119 5.7 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.555 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016360.D

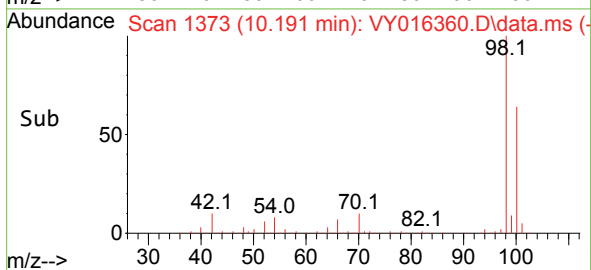
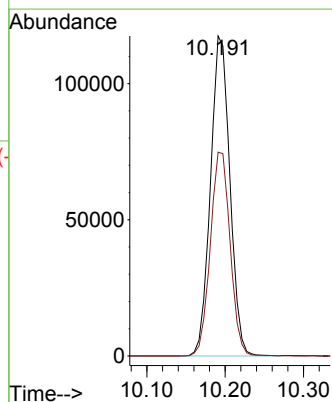
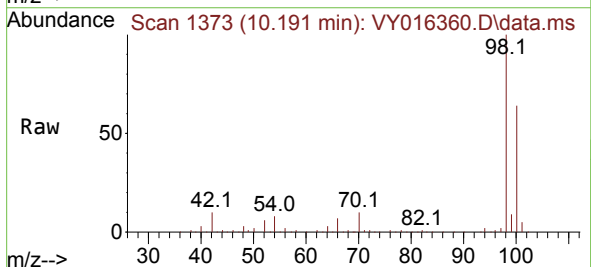
Acq: 15 Nov 2023 12:50

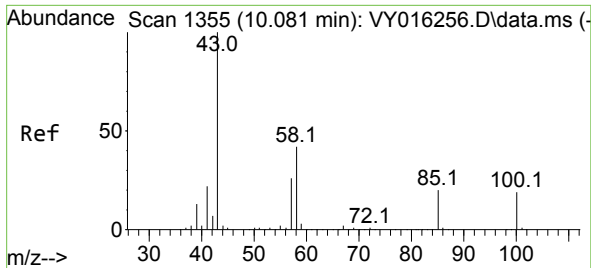
Tgt Ion: 98 Resp: 202007

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

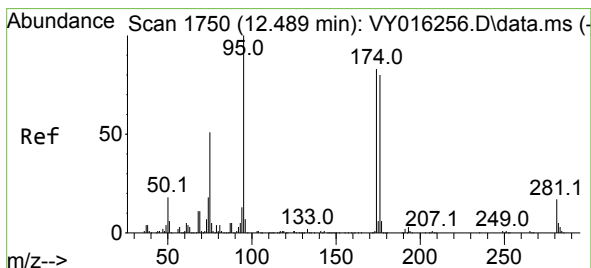
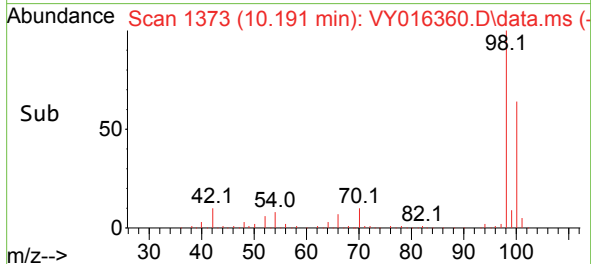
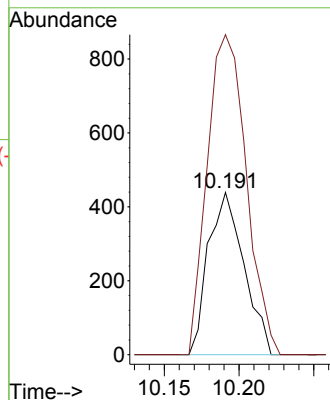
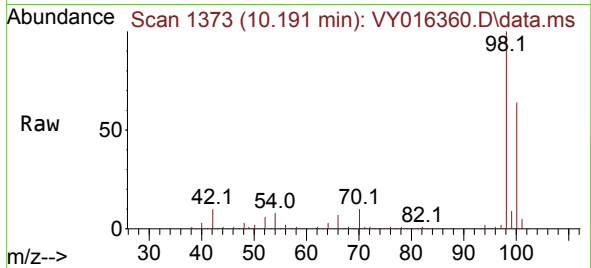




#51
4-Methyl-2-Pentanone
Concen: 1.097 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

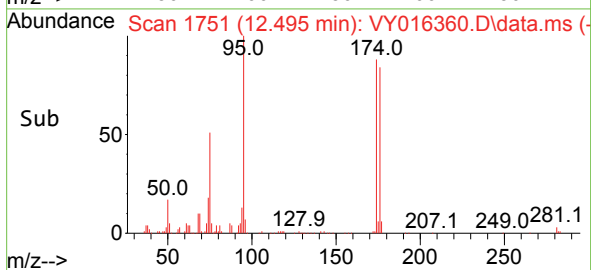
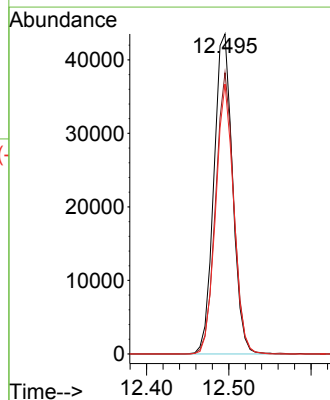
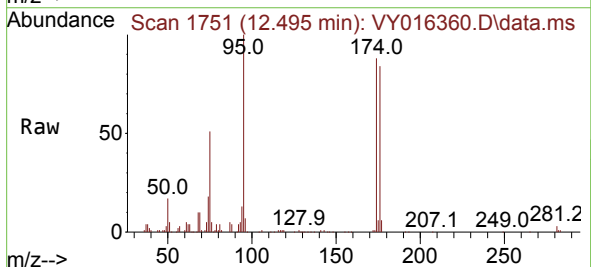
Instrument :
MSVOA_Y
ClientSampleId :

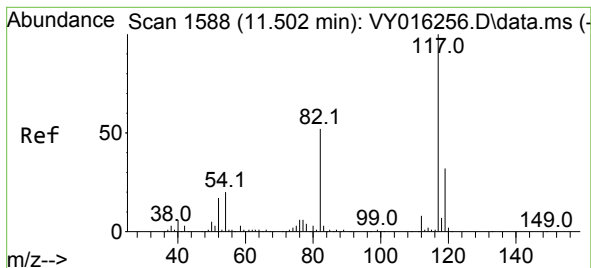
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 216.9 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 53.780 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

Tgt Ion: 95 Resp: 68441
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016360.D

Acq: 15 Nov 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

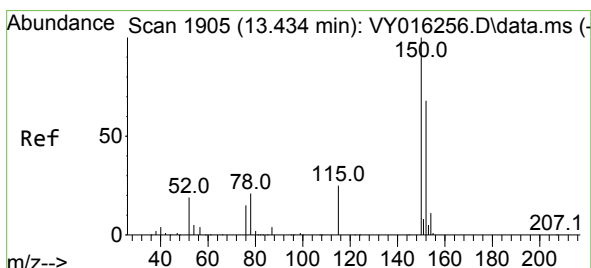
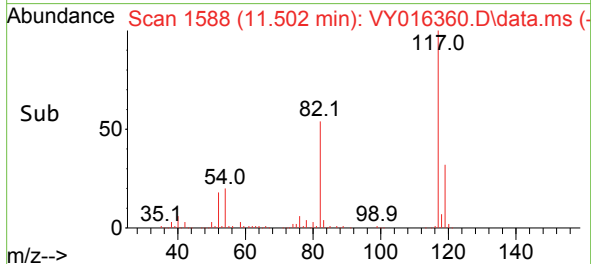
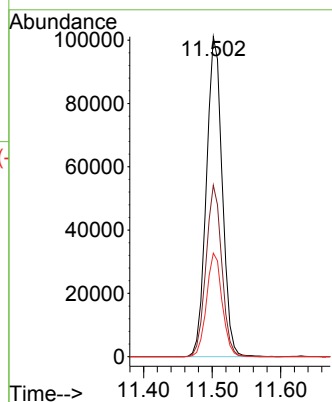
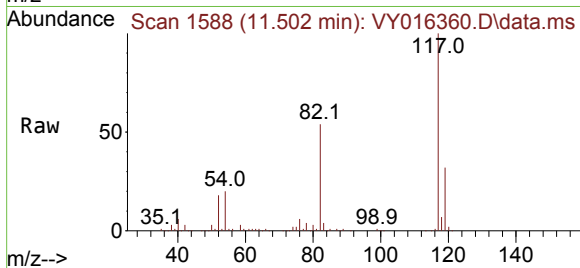
Tgt Ion:117 Resp: 162950

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.4 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: VY016360.D

Acq: 15 Nov 2023 12:50

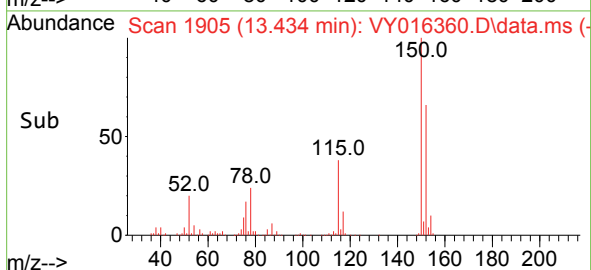
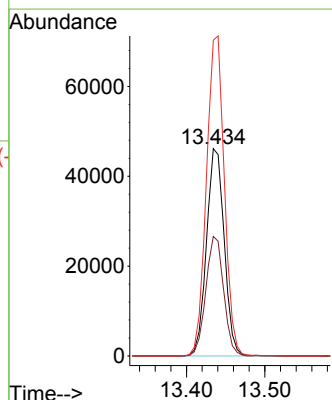
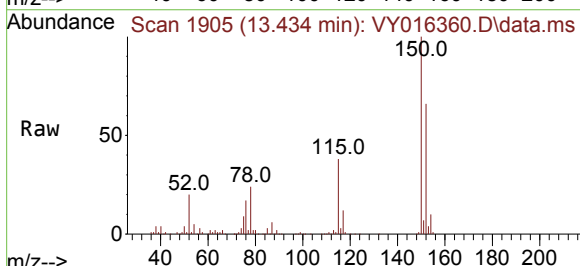
Tgt Ion:152 Resp: 72413

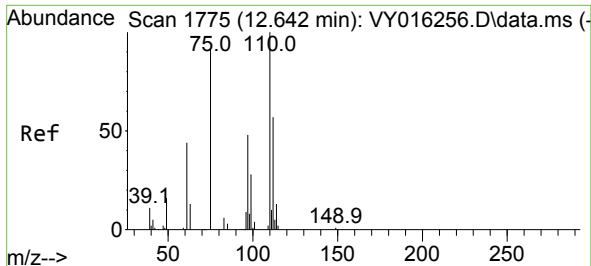
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 155.9 0.0 348.8

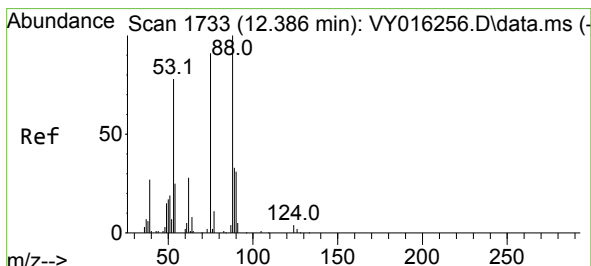
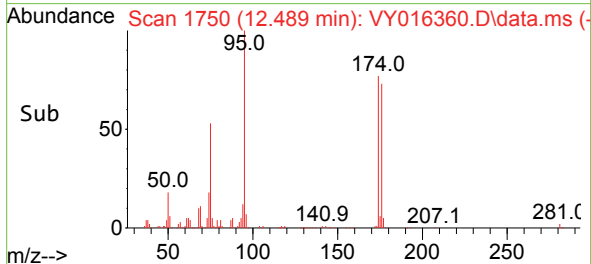
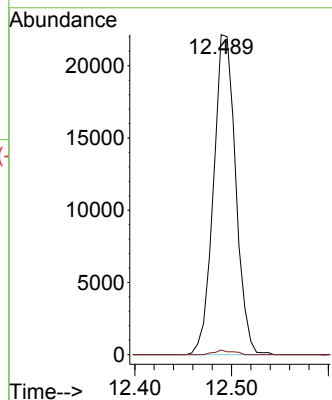
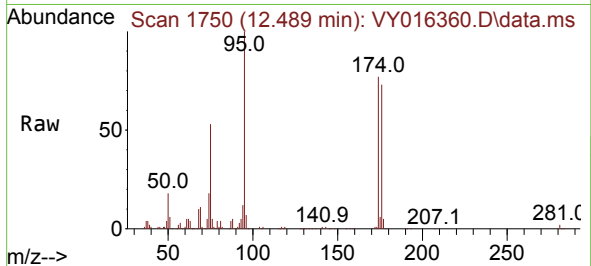




#76
1,2,3-Trichloropropane
Concen: 50.818 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35301
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.305 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

Tgt Ion: 75 Resp: 35301
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

