

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016270.D
 Acq On : 09 Nov 2023 10:02
 Operator : SY/MD
 Sample : VY1109SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:54:20 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)

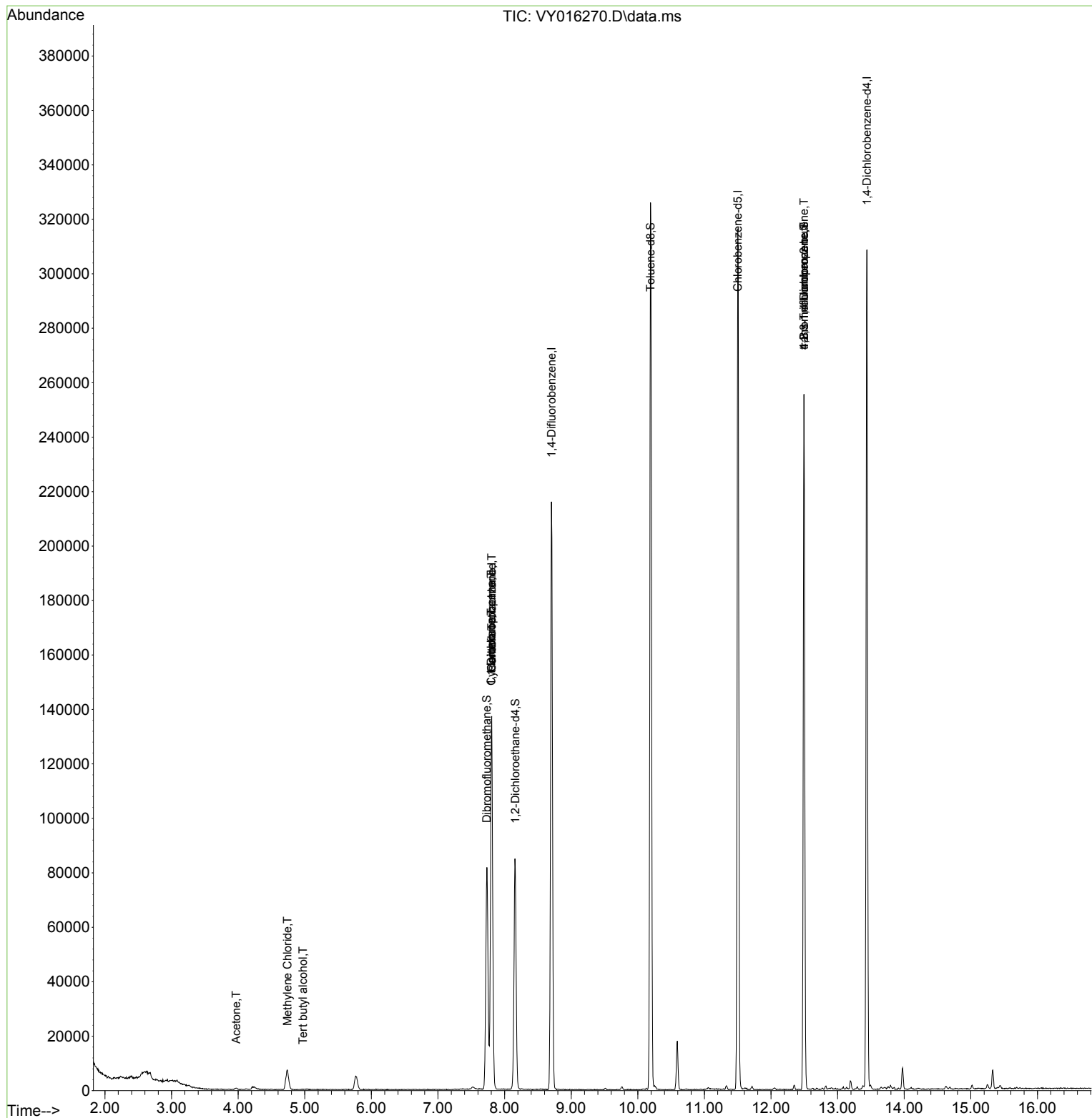
Internal Standards						
1) Pentafluorobenzene	7.807	168	106871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	187859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	175693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	80318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	64861	66.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.800%	
35) Dibromofluoromethane	7.734	113	57711	54.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.160%	
50) Toluene-d8	10.191	98	220669	50.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.495	95	74838	53.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	221	2.889	ug/l #	89
16) Acetone	3.972	43	896	5.546	ug/l	100
20) Methylene Chloride	4.740	84	5648	1.577	ug/l	87
31) Cyclohexane	7.801	56	2078	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7694	4.152	ug/l #	51
38) Carbon Tetrachloride	7.807	117	10491	5.455	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	38848	50.420	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	38848	109.442	ug/l #	11

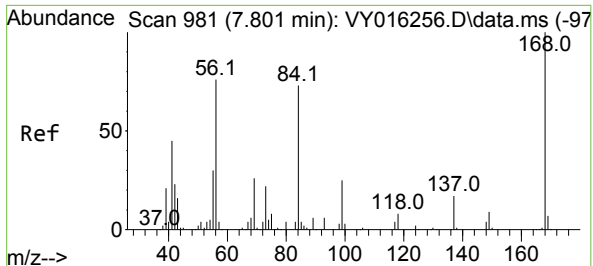
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 09 22:54:20 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

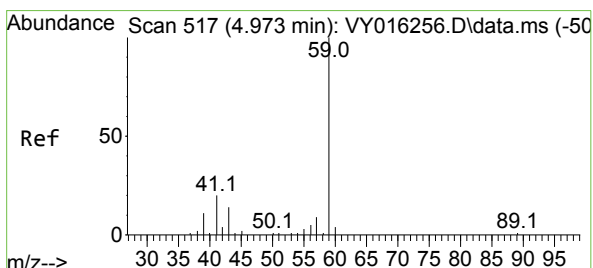
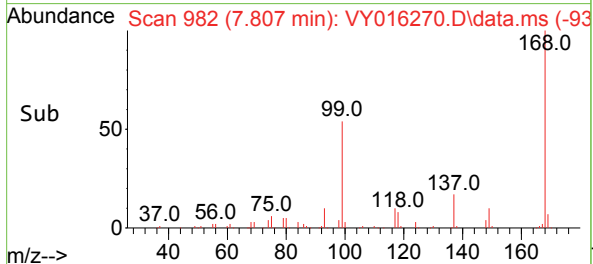
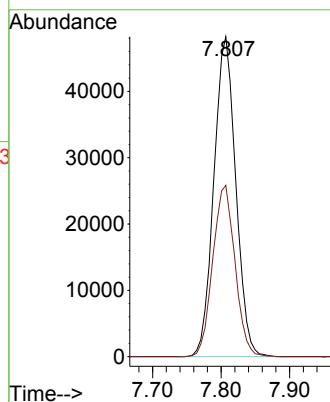
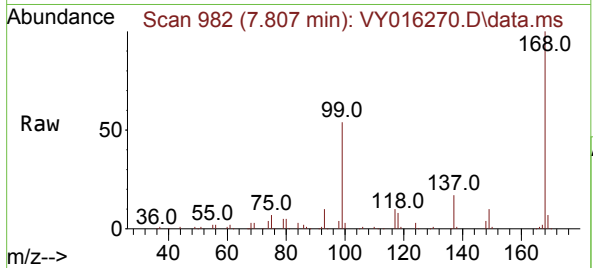




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

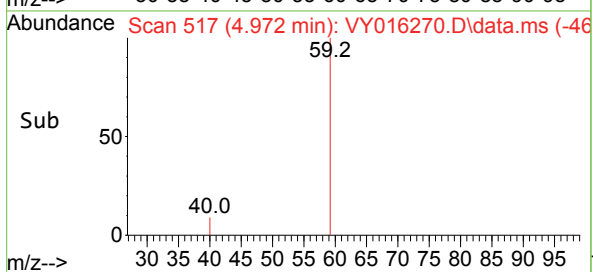
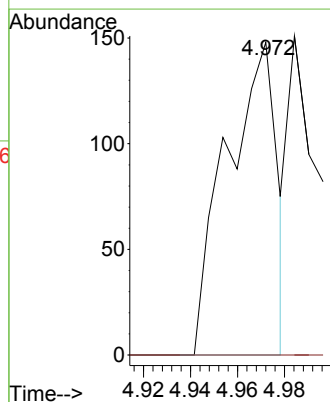
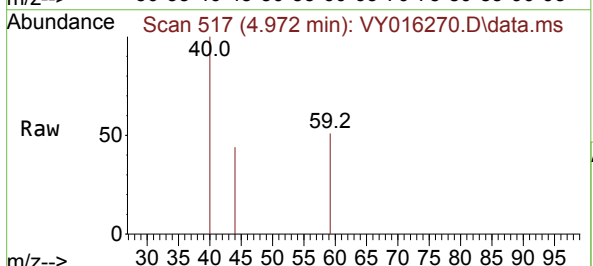
Instrument :
MSVOA_Y
ClientSampleId :

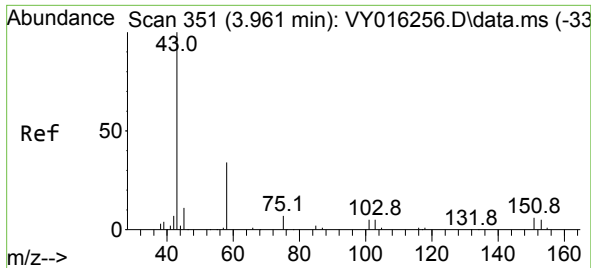
Tgt Ion:168 Resp: 106871
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.889 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

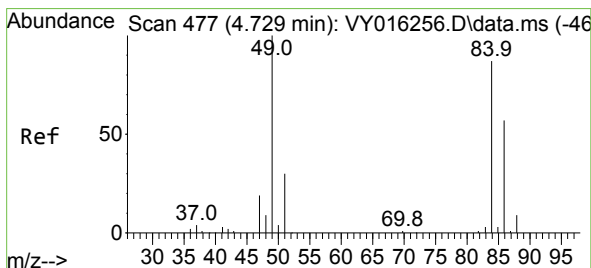
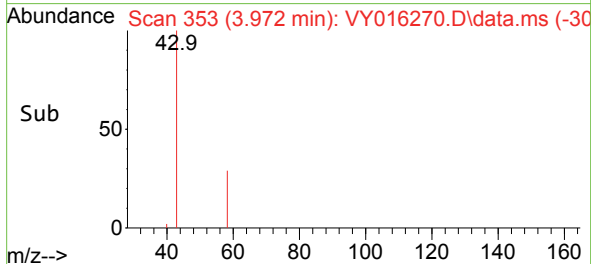
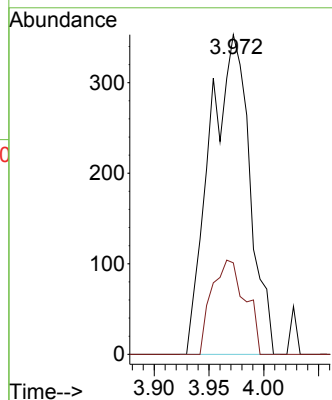
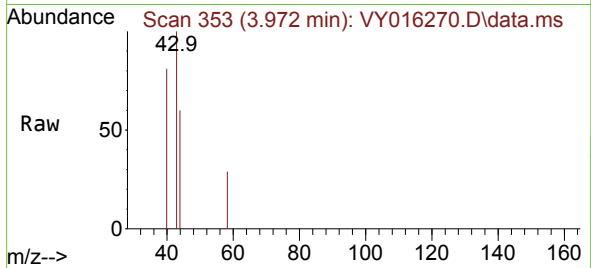




#16
Acetone
Concen: 5.546 ug/l
RT: 3.972 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

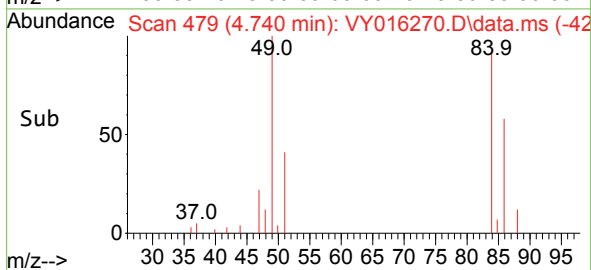
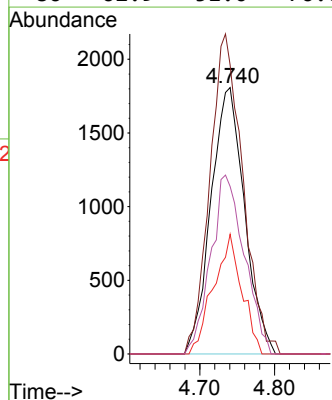
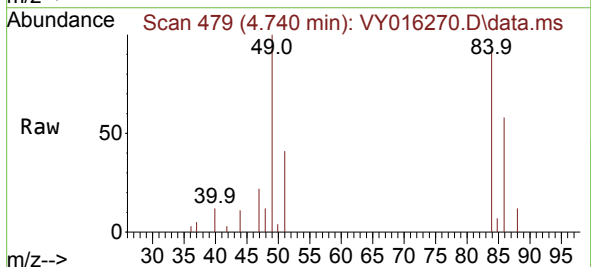
Instrument :
MSVOA_Y
ClientSampleId :

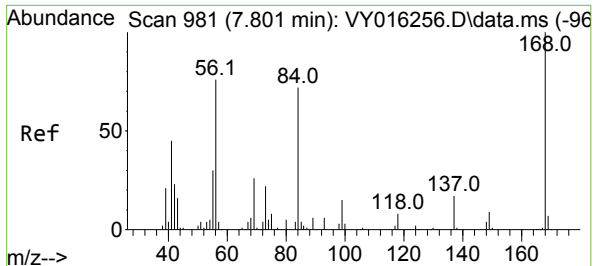
Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 28.6 22.7 34.1



#20
Methylene Chloride
Concen: 1.577 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.011 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

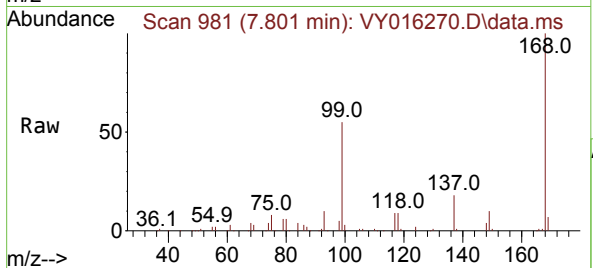
Tgt Ion: 84 Resp: 5648
Ion Ratio Lower Upper
84 100
49 108.5 106.9 160.3
51 44.9 33.2 49.8
86 62.9 51.0 76.6



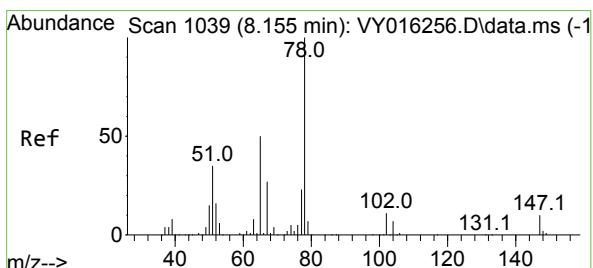
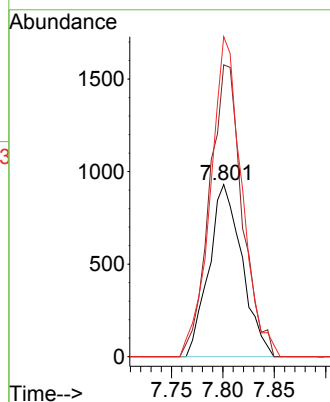
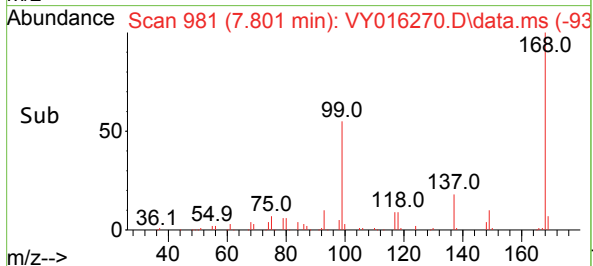


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

Instrument :
MSVOA_Y
ClientSampleId :

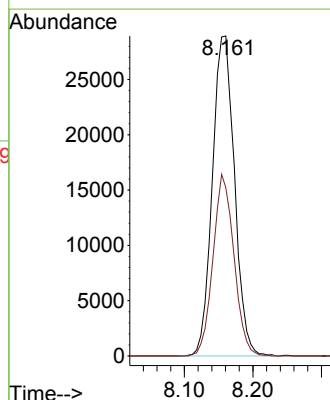
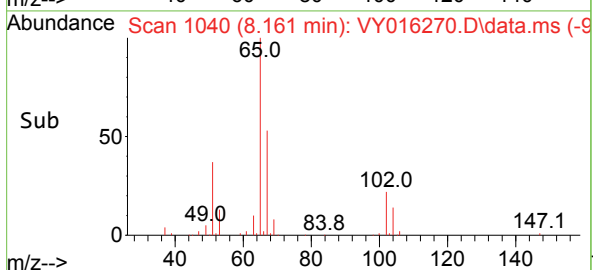
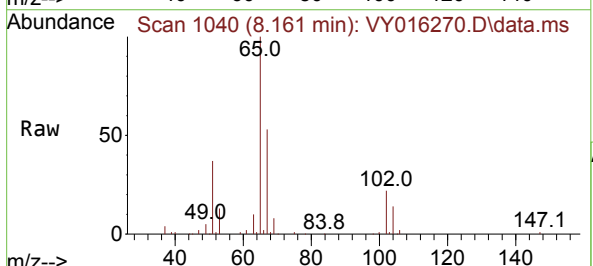


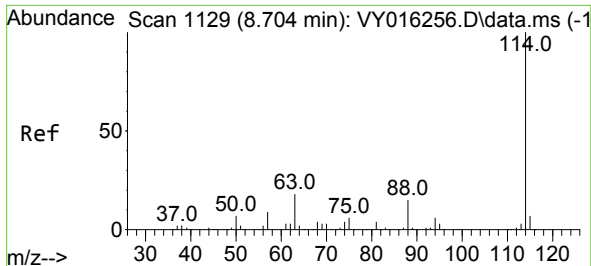
Tgt Ion: 56 Resp: 2078
Ion Ratio Lower Upper
56 100
69 169.6 27.8 41.6#
84 185.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.404 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

Tgt Ion: 65 Resp: 64861
Ion Ratio Lower Upper
65 100
67 53.8 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: VY016270.D

Acq: 09 Nov 2023 10:02

Instrument :

MSVOA_Y

ClientSampleId :

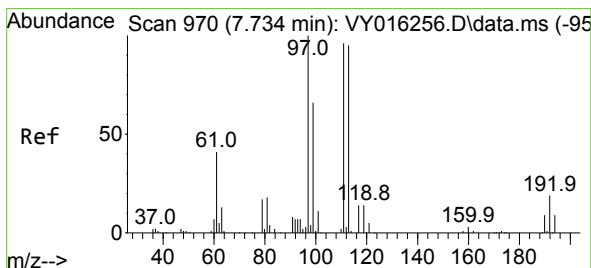
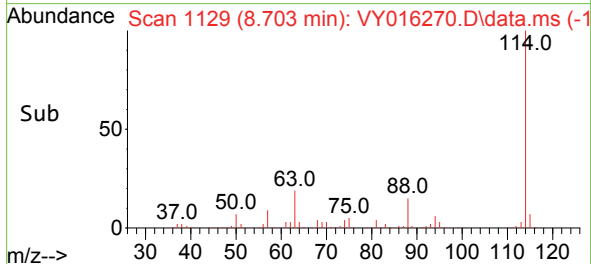
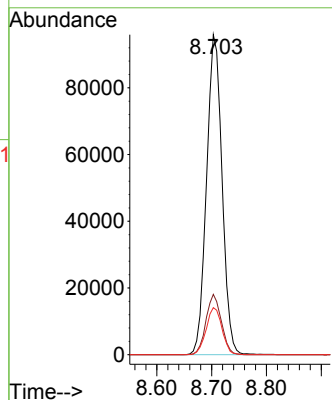
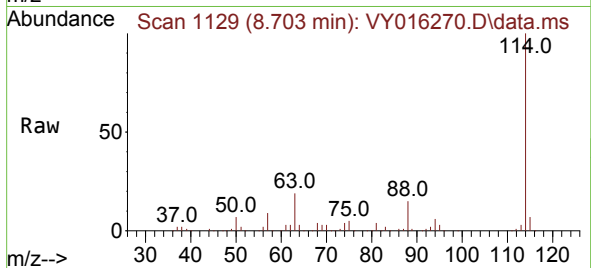
Tgt Ion:114 Resp: 187859

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.079 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016270.D

Acq: 09 Nov 2023 10:02

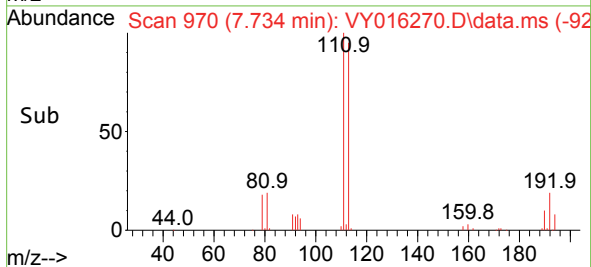
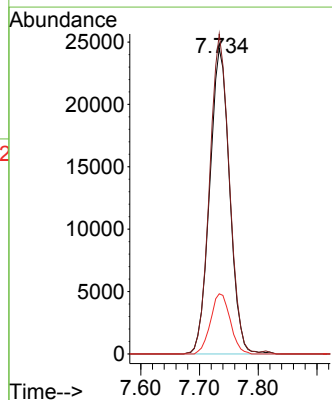
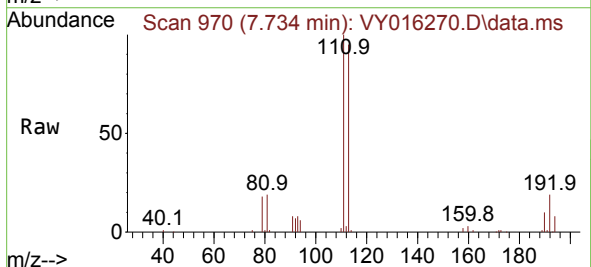
Tgt Ion:113 Resp: 57711

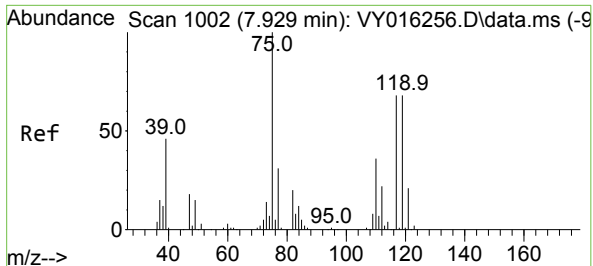
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.4 16.9 25.3

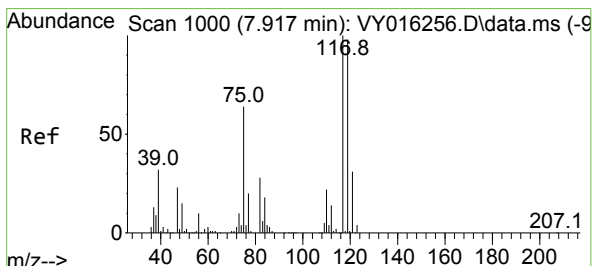
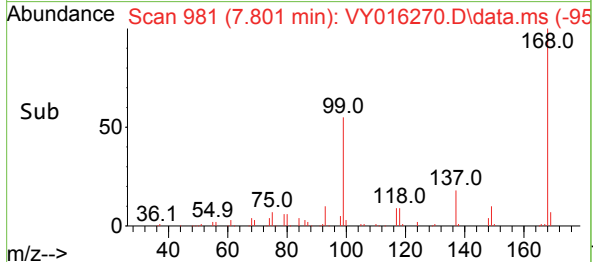
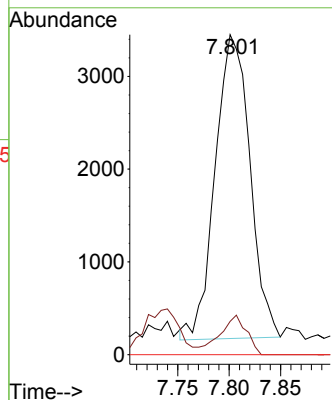
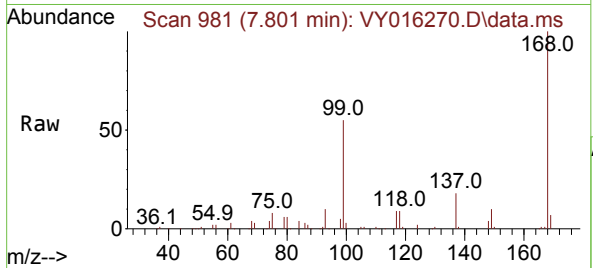




#36
1,1-Dichloropropene
Concen: 4.152 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.129 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

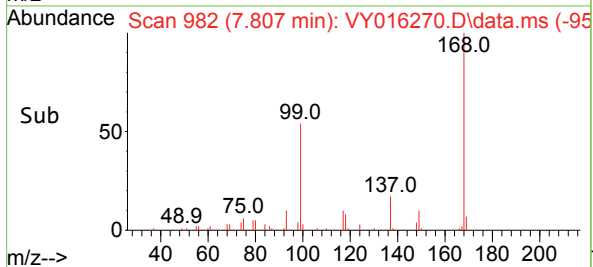
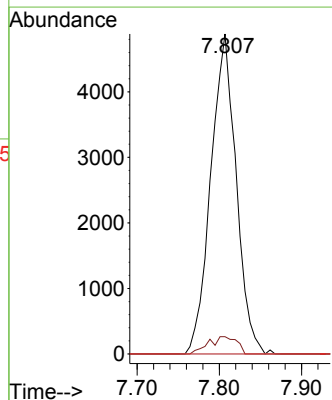
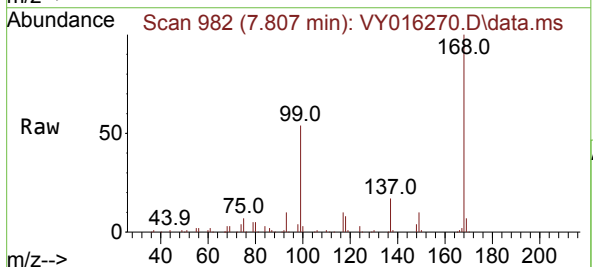
Instrument :
MSVOA_Y
ClientSampleId :

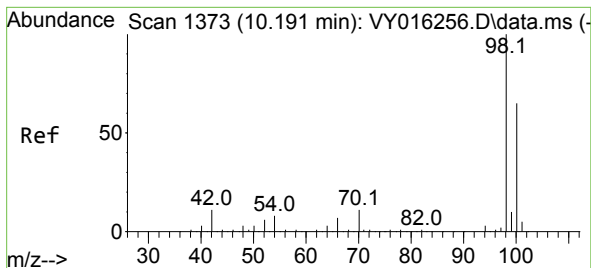
Tgt Ion: 75 Resp: 7694
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.455 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

Tgt Ion: 117 Resp: 10491
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.992 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016270.D

Acq: 09 Nov 2023 10:02

Instrument :

MSVOA_Y

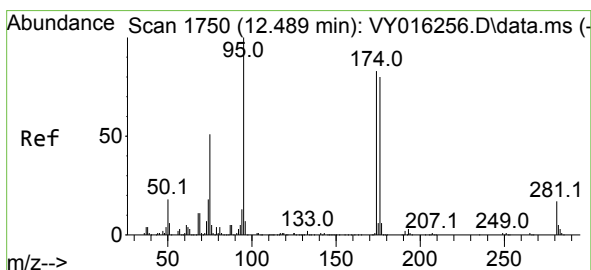
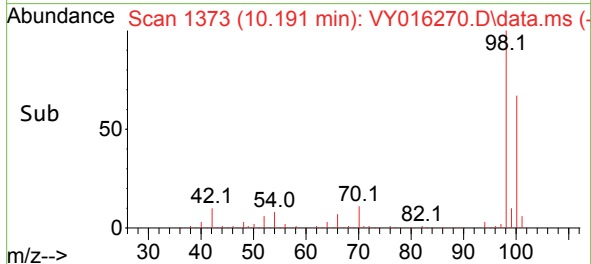
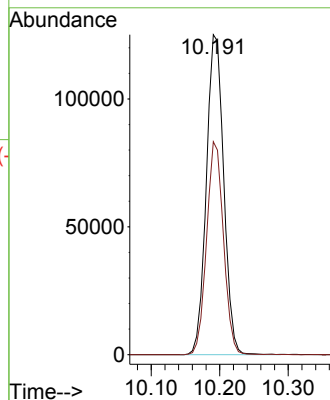
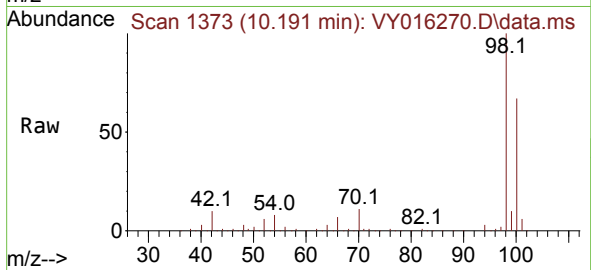
ClientSampleId :

Tgt Ion: 98 Resp: 220669

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.246 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016270.D

Acq: 09 Nov 2023 10:02

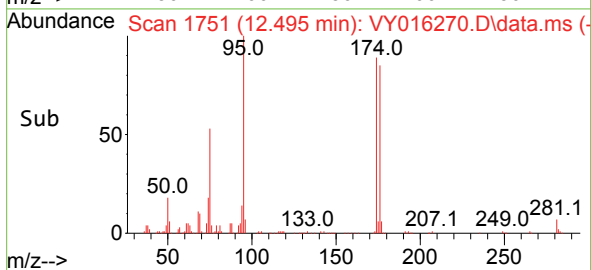
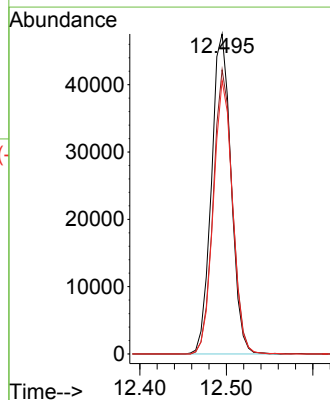
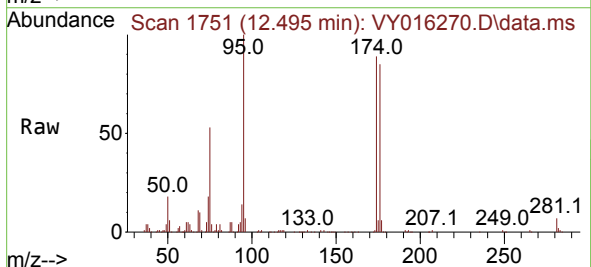
Tgt Ion: 95 Resp: 74838

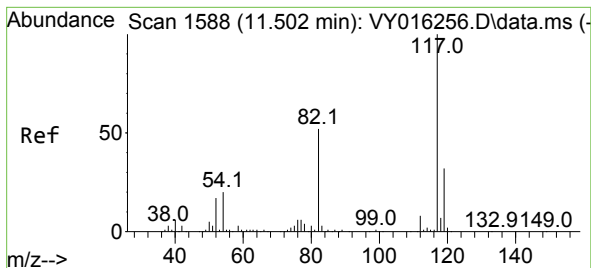
Ion Ratio Lower Upper

95 100

174 86.8 0.0 178.2

176 83.7 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: VY016270.D

Acq: 09 Nov 2023 10:02

Instrument :

MSVOA_Y

ClientSampleId :

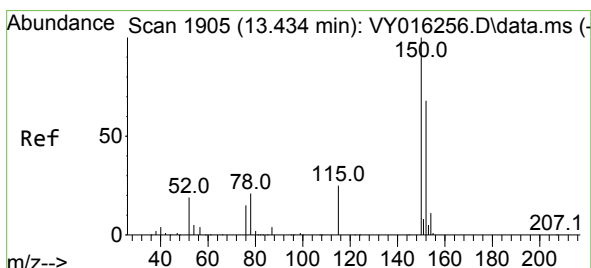
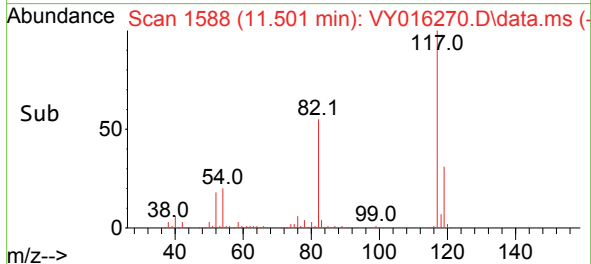
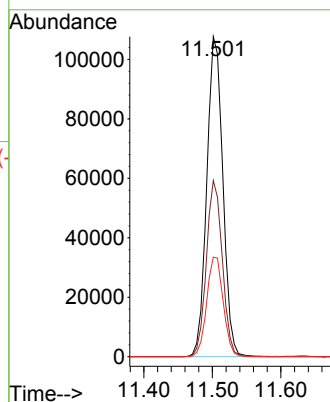
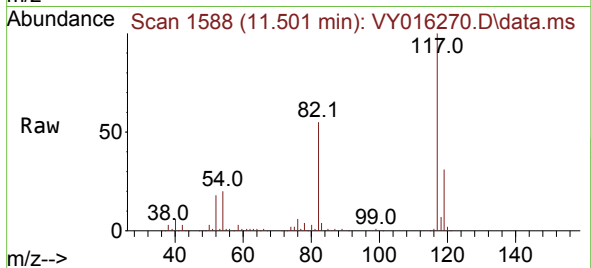
Tgt Ion:117 Resp: 175693

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 31.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016270.D

Acq: 09 Nov 2023 10:02

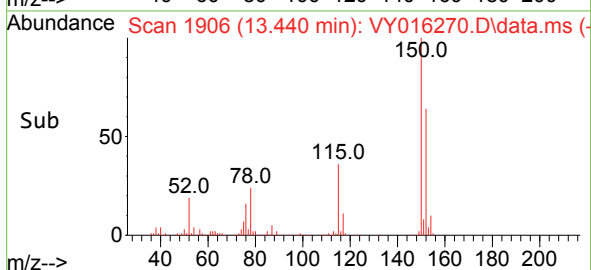
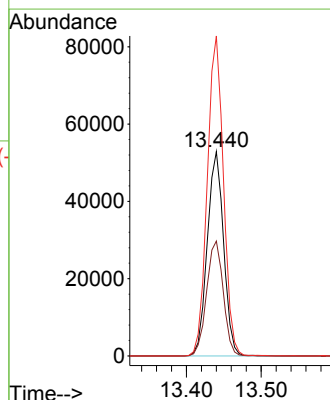
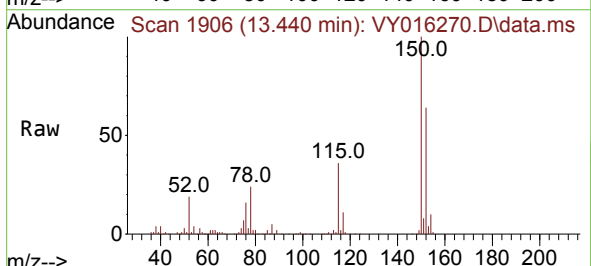
Tgt Ion:152 Resp: 80318

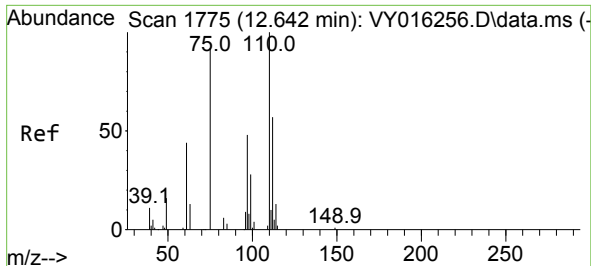
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.2 0.0 348.8

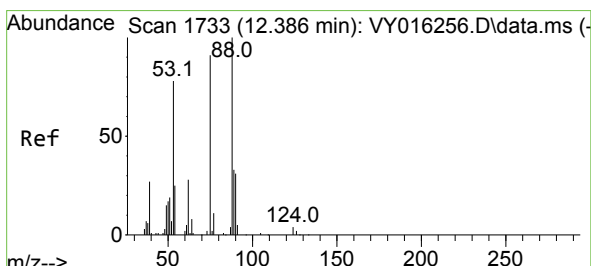
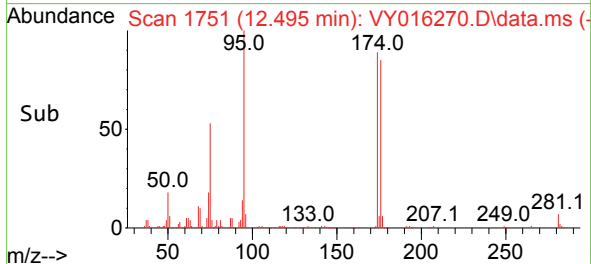
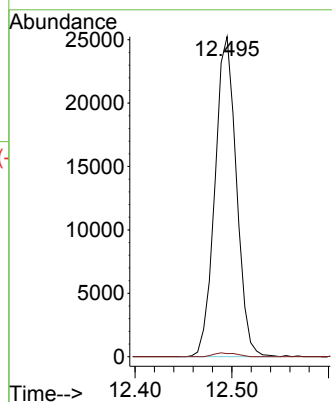
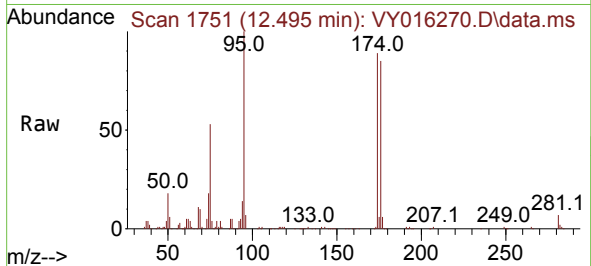




#76
1,2,3-Trichloropropane
Concen: 50.420 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38848
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.442 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016270.D
Acq: 09 Nov 2023 10:02

Tgt Ion: 75 Resp: 38848
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

