

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016441.D
 Acq On : 21 Nov 2023 16:35
 Operator : SY/MD
 Sample : 05466-01RE
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:19:21 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)

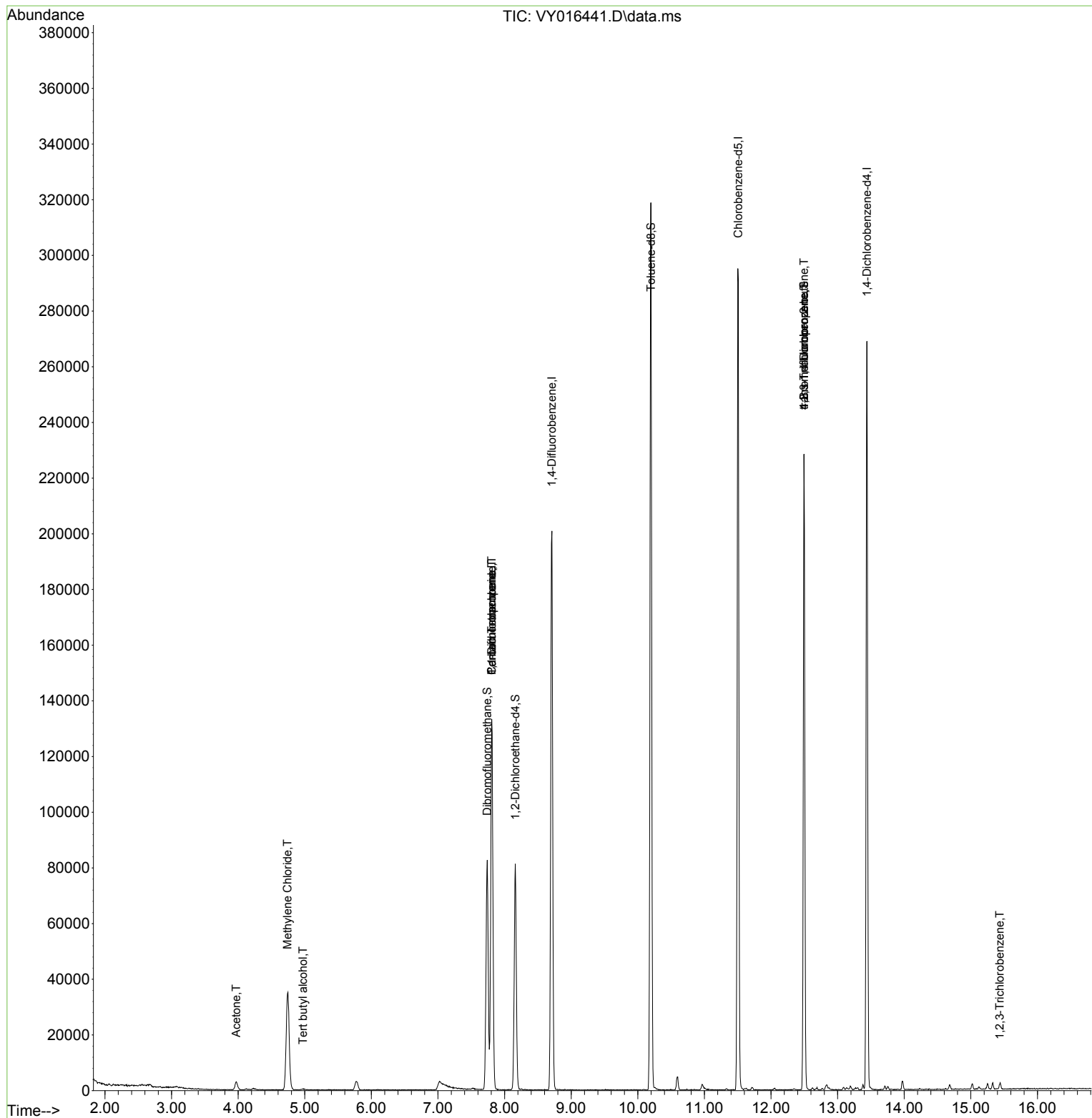
Internal Standards						
1) Pentafluorobenzene	7.807	168	106933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	185097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	173301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63531	65.005	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 130.000%		
35) Dibromofluoromethane	7.740	113	58743	55.868	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 111.740%		
50) Toluene-d8	10.197	98	213848	50.153	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	= 100.300%		
62) 4-Bromofluorobenzene	12.495	95	70873	51.177	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	= 102.360%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	503	6.572	ug/l #	89
16) Acetone	3.973	43	5196	32.141	ug/l	95
20) Methylene Chloride	4.741	84	30216	24.696	ug/l #	82
36) 1,1-Dichloropropene	7.807	75	7149	3.916	ug/l #	51
38) Carbon Tetrachloride	7.807	117	10217	5.392	ug/l #	18
76) 1,2,3-Trichloropropane	12.495	75	35851	51.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	35851	112.554	ug/l #	10
96) 1,2,3-Trichlorobenzene	15.434	180	1076	1.025	ug/l	86

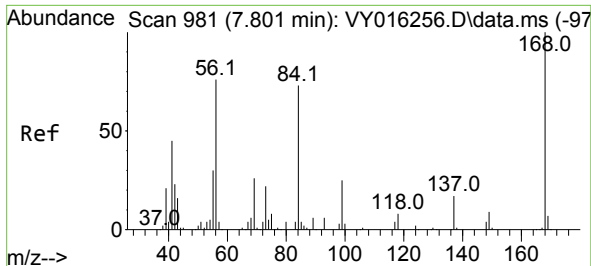
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

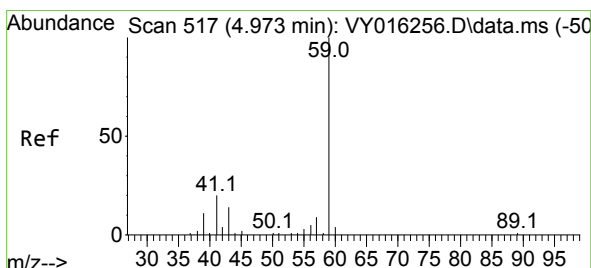
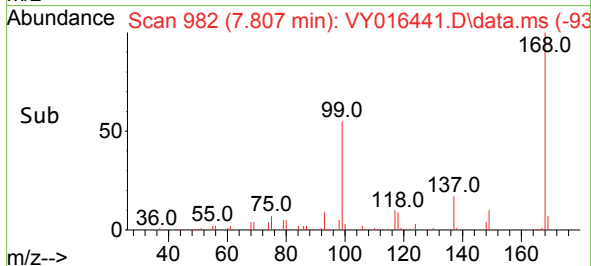
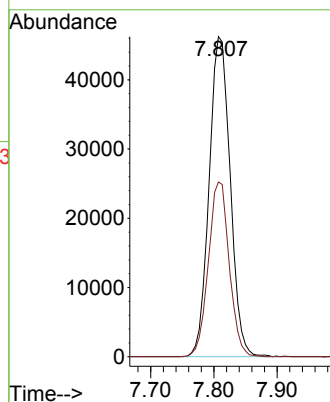
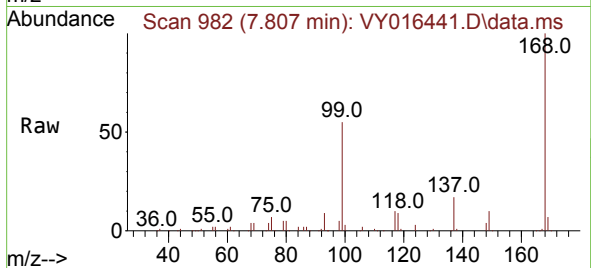




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

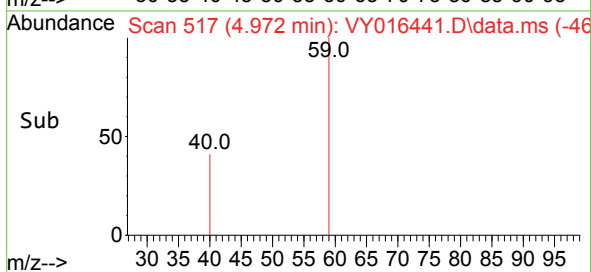
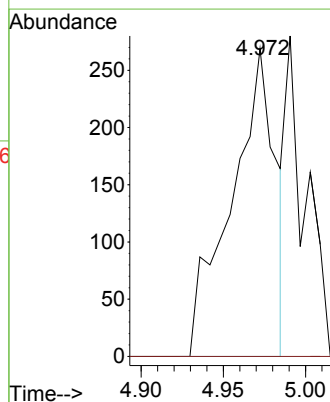
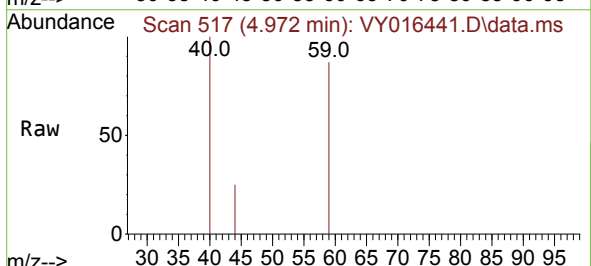
Instrument :
MSVOA_Y
ClientSampleId :

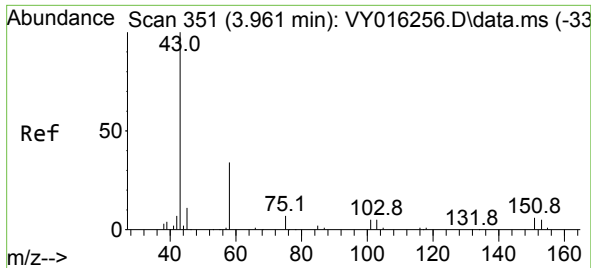
Tgt Ion:168 Resp: 106933
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.572 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Tgt Ion: 59 Resp: 503
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

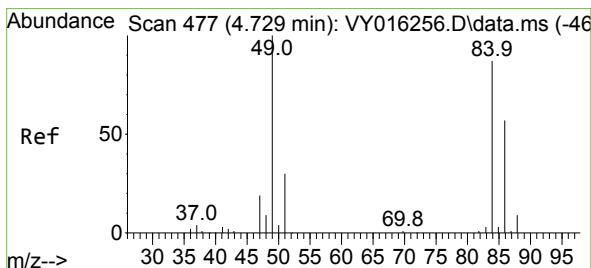
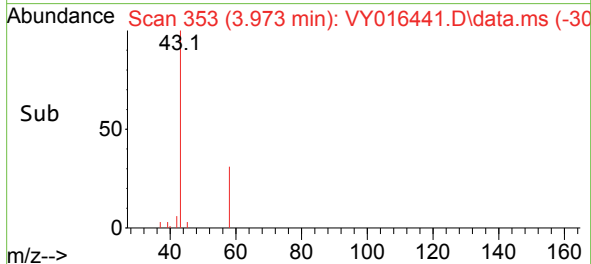
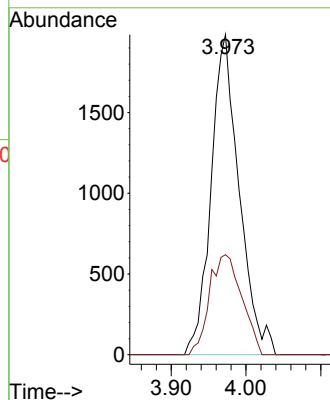
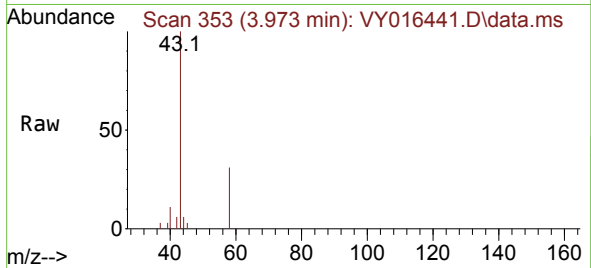




#16
Acetone
Concen: 32.141 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

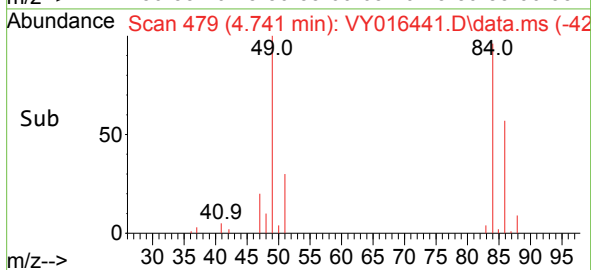
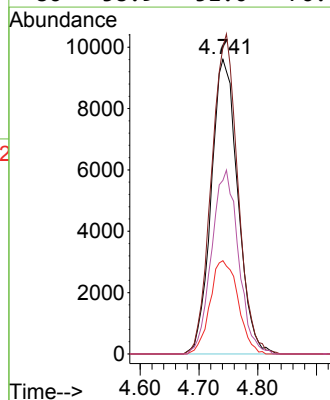
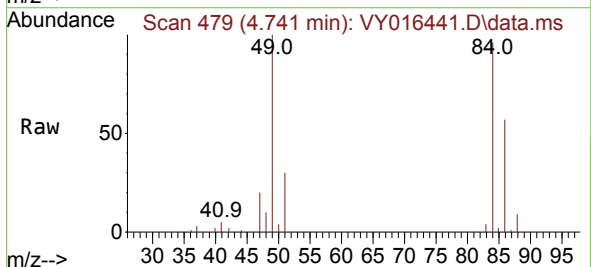
Instrument :
MSVOA_Y
ClientSampleId :

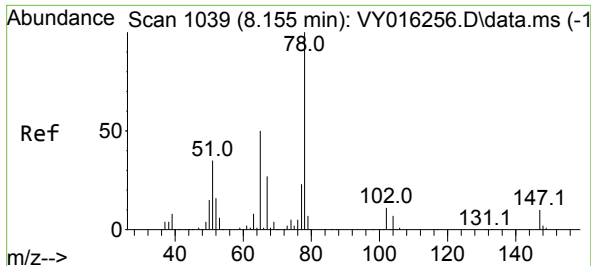
Tgt Ion: 43 Resp: 5196
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1



#20
Methylene Chloride
Concen: 24.696 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Tgt Ion: 84 Resp: 30216
Ion Ratio Lower Upper
84 100
49 104.2 106.9 160.3#
51 31.7 33.2 49.8#
86 58.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.005 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016441.D

Acq: 21 Nov 2023 16:35

Instrument :

MSVOA_Y

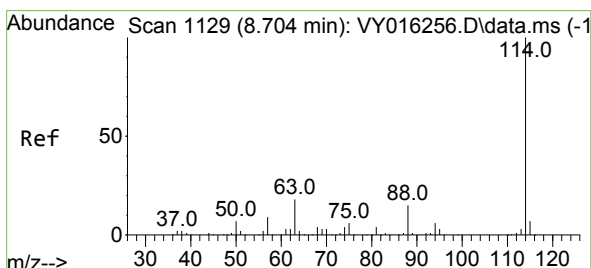
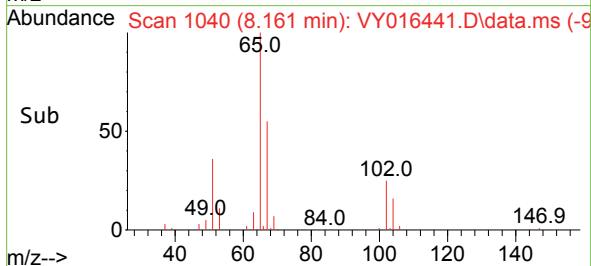
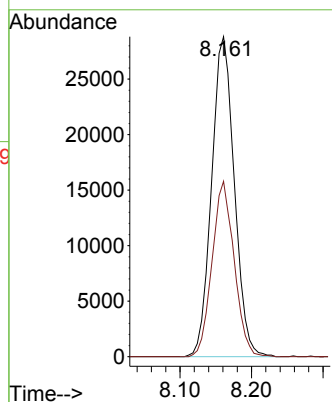
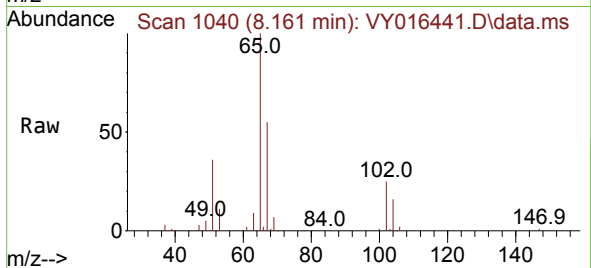
ClientSampleId :

Tgt Ion: 65 Resp: 63531

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016441.D

Acq: 21 Nov 2023 16:35

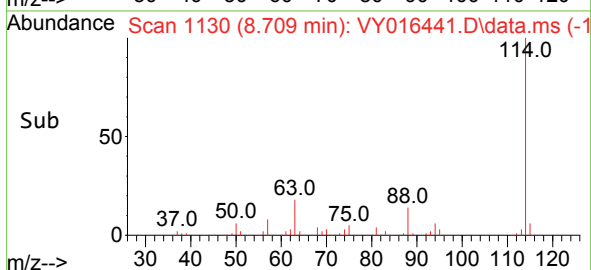
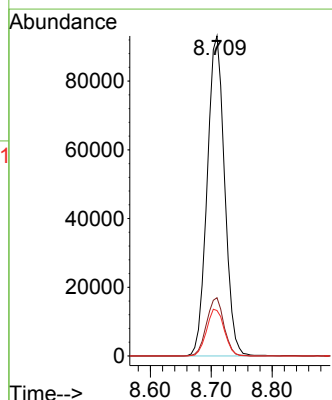
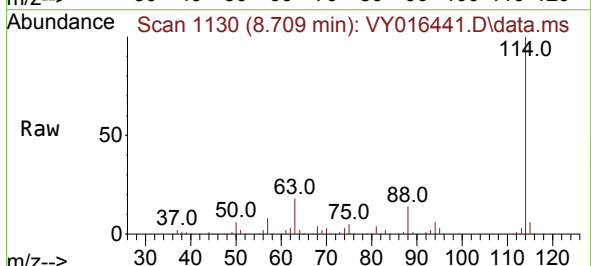
Tgt Ion:114 Resp: 185097

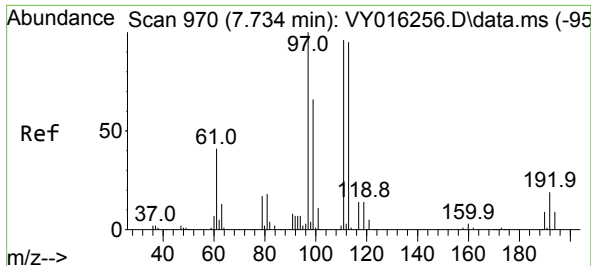
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

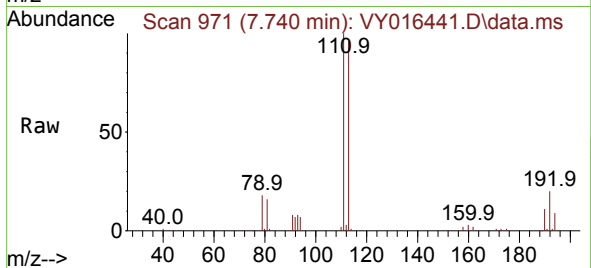
88 14.2 0.0 30.6



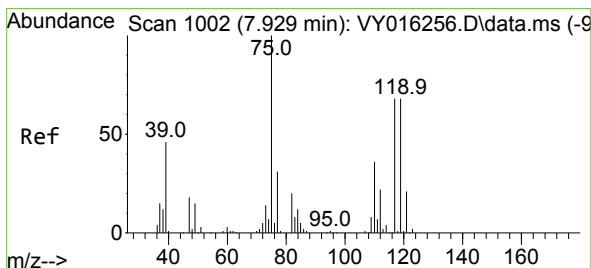
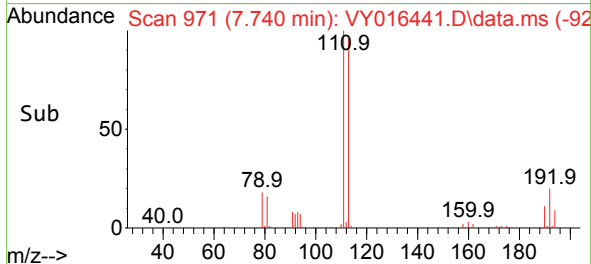
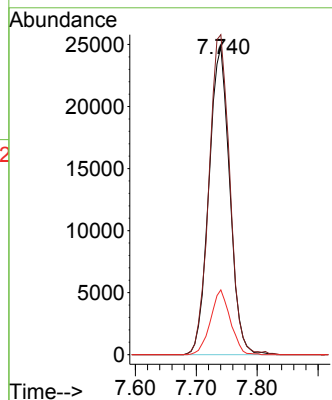


#35
Dibromofluoromethane
Concen: 55.868 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :

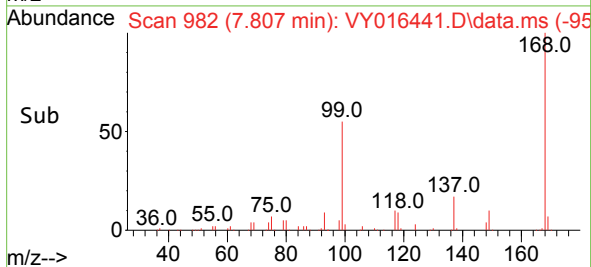
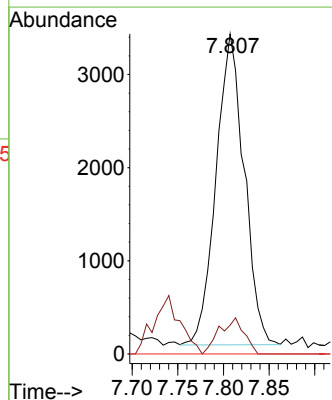
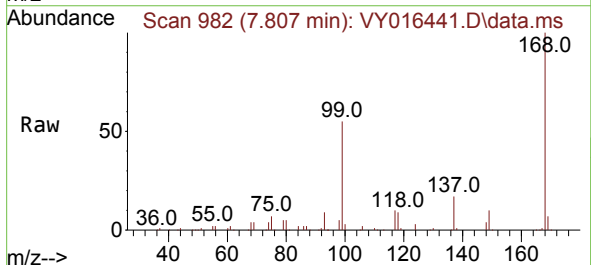


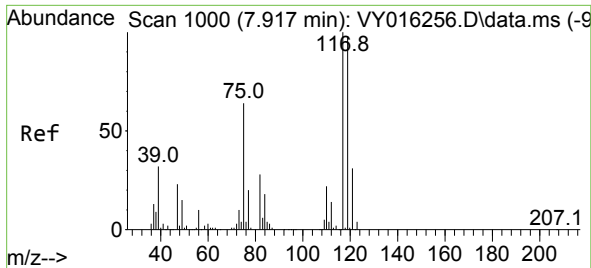
Tgt Ion:113 Resp: 58743
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.916 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

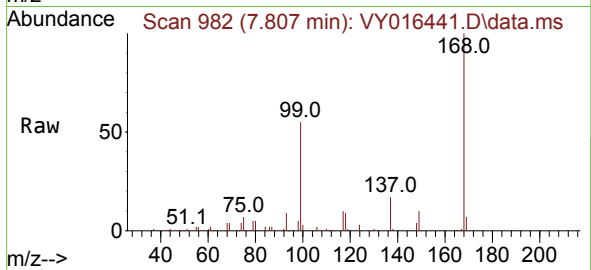
Tgt Ion: 75 Resp: 7149
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.0 24.4 36.6#



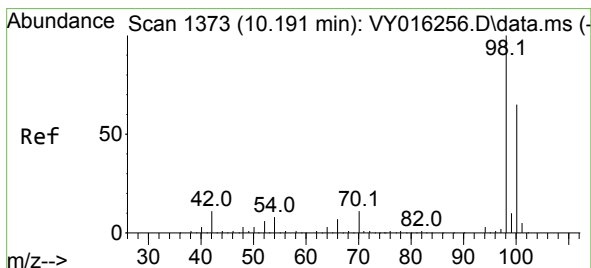
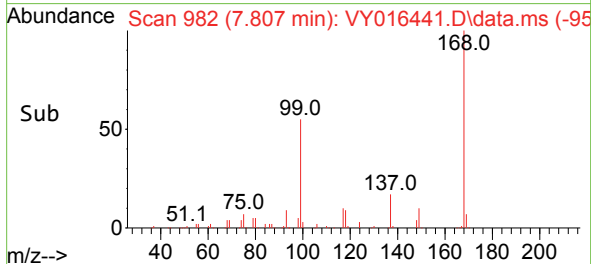
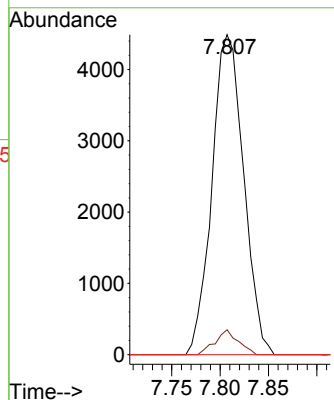


#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :

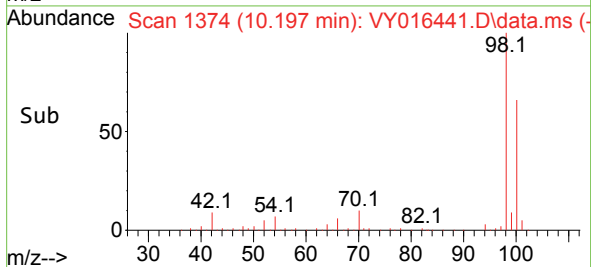
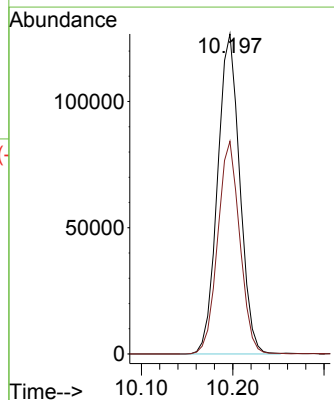
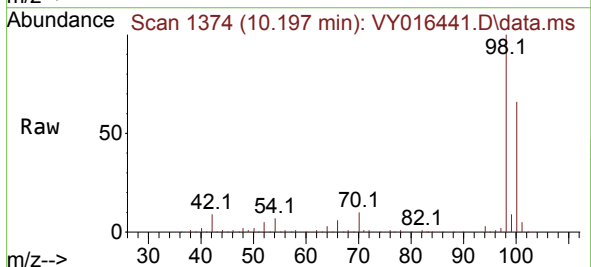


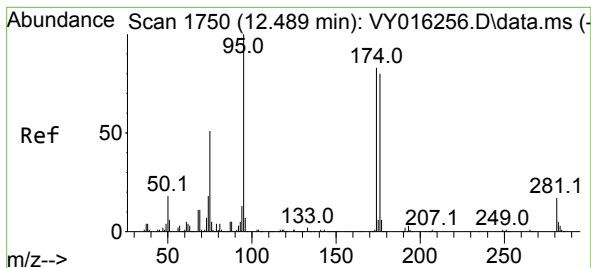
Tgt Ion:117 Resp: 10217
Ion Ratio Lower Upper
117 100
119 7.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.153 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Tgt Ion: 98 Resp: 213848
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

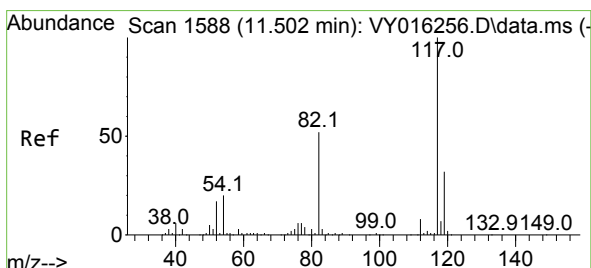
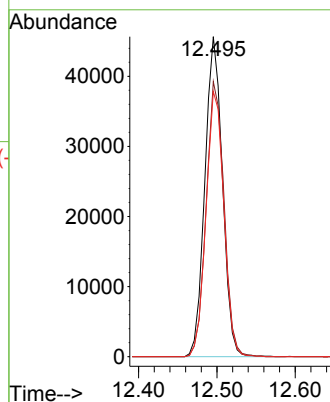
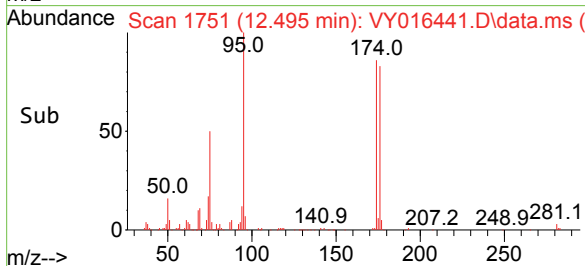
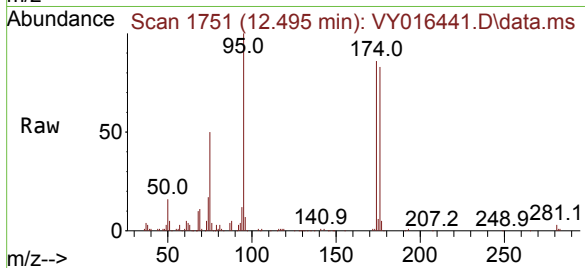




#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

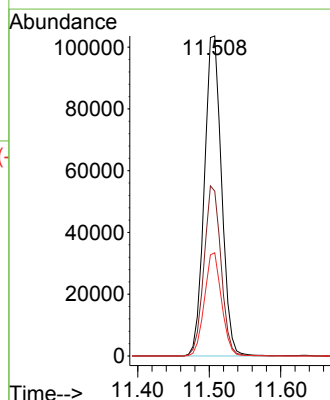
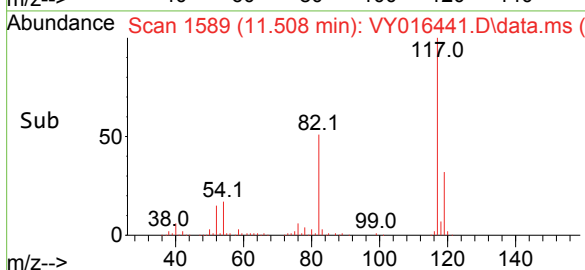
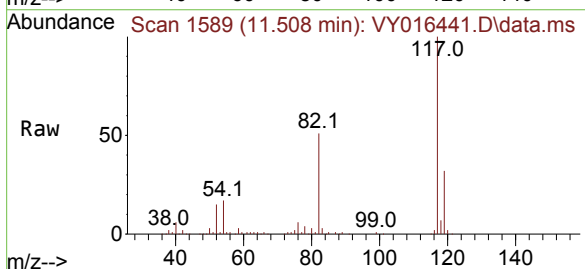
Instrument :
MSVOA_Y
ClientSampleId :

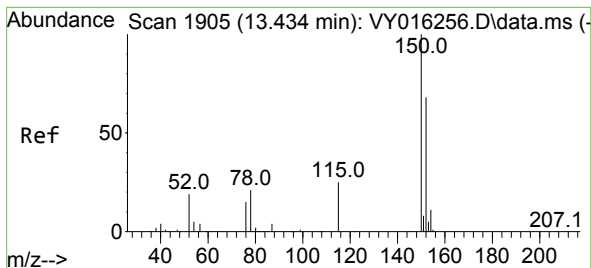
Tgt Ion: 95 Resp: 70873
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 84.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Tgt Ion: 117 Resp: 173301
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

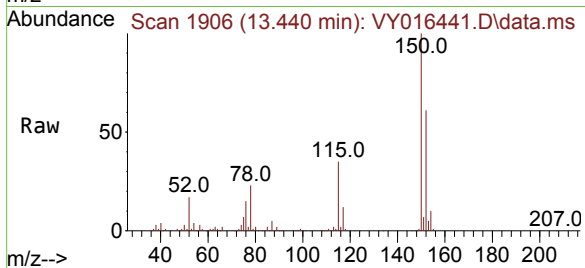
Lab File: VY016441.D

Acq: 21 Nov 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :



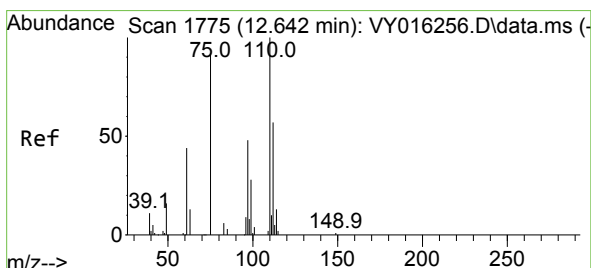
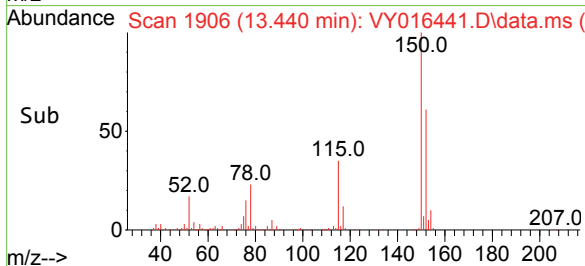
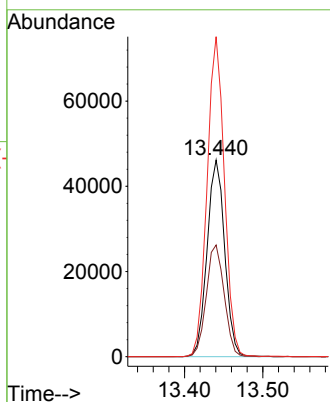
Tgt Ion:152 Resp: 72072

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 159.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 51.854 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016441.D

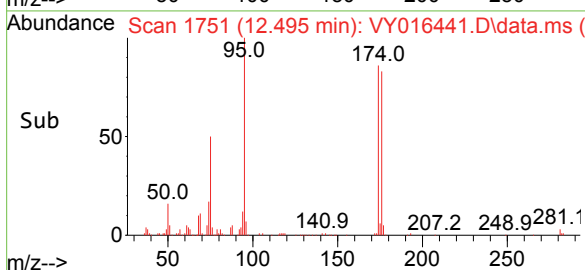
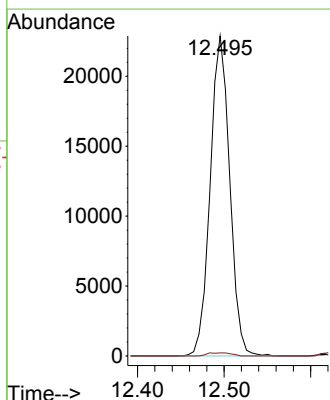
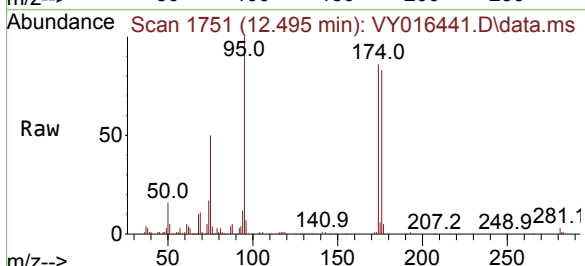
Acq: 21 Nov 2023 16:35

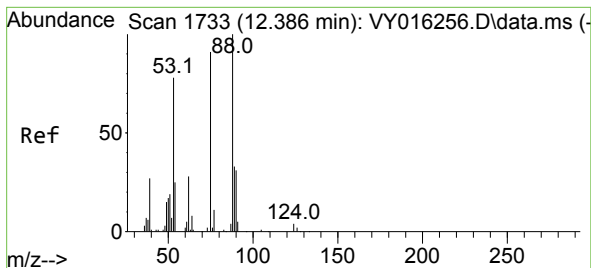
Tgt Ion: 75 Resp: 35851

Ion Ratio Lower Upper

75 100

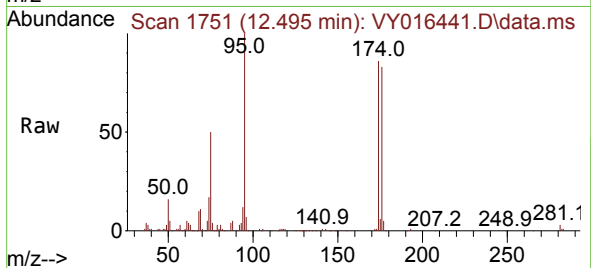
77 1.2 0.0 0.0#



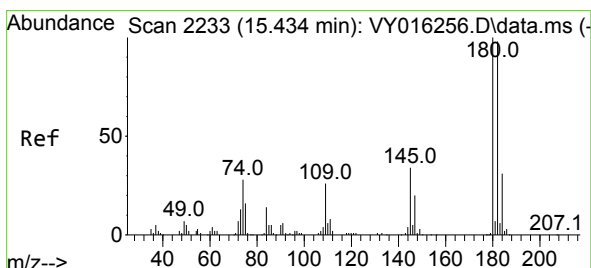
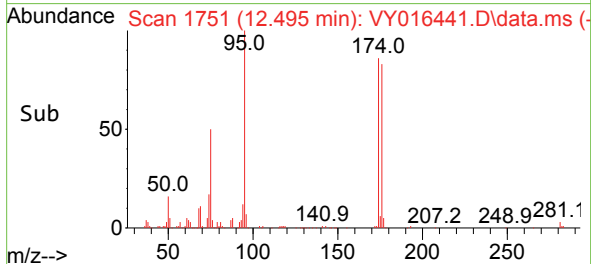
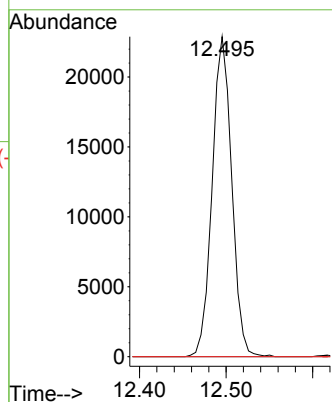


#81
trans-1,4-Dichloro-2-butene
Concen: 112.554 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 35851
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.025 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016441.D
Acq: 21 Nov 2023 16:35

Tgt Ion:180 Resp: 1076
Ion Ratio Lower Upper
180 100
182 80.9 47.3 141.8
145 24.3 15.4 46.2

