

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016456.D
 Acq On : 22 Nov 2023 12:49
 Operator : SY/MD
 Sample : 05485-01
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:22:43 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)

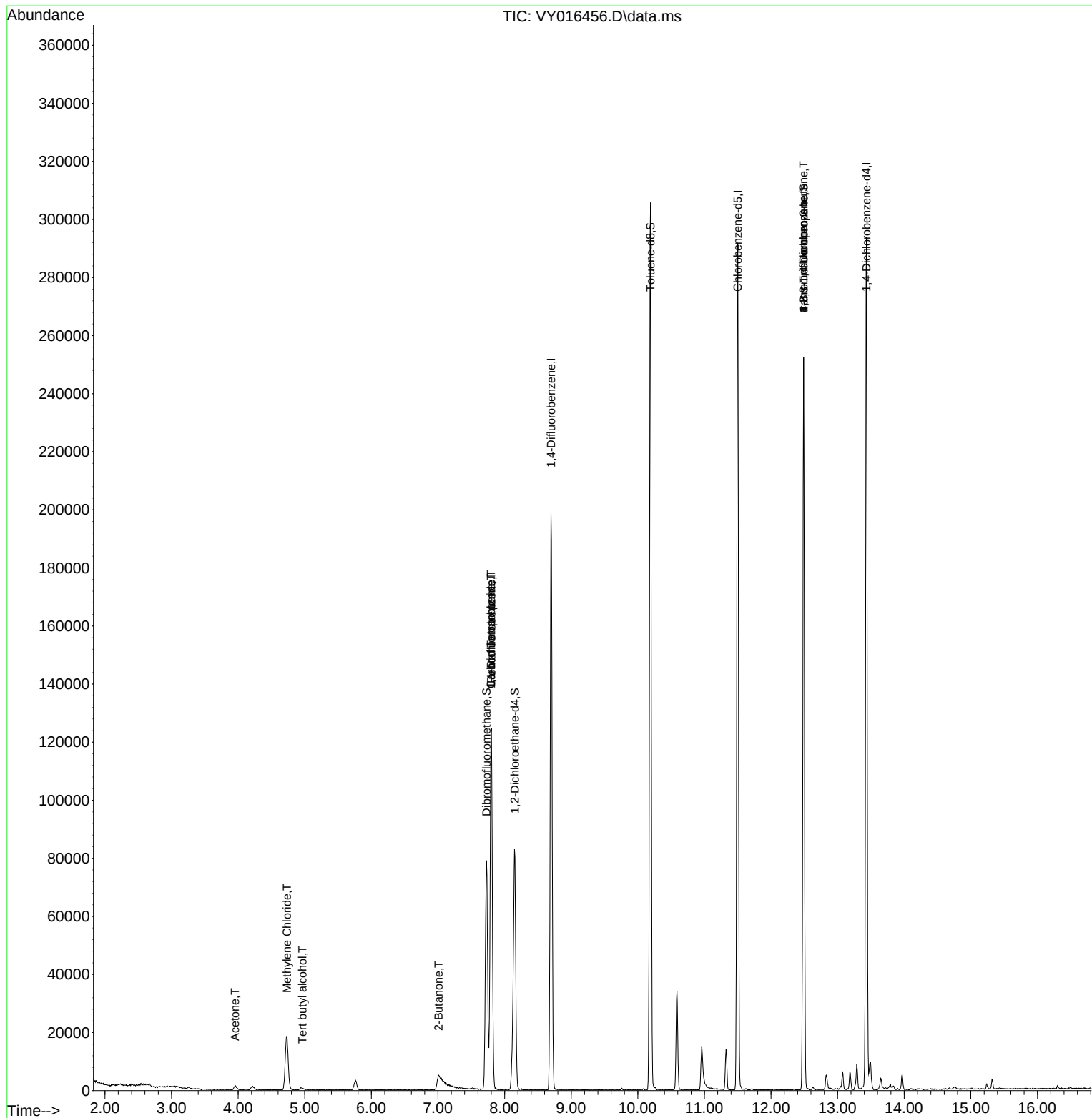
Internal Standards						
1) Pentafluorobenzene	7.801	168	103828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61384	64.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.380%	
35) Dibromofluoromethane	7.728	113	57567	55.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.440%	
50) Toluene-d8	10.191	98	209502	50.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.489	95	74497	54.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1151	15.489	ug/l #	89
16) Acetone	3.954	43	2381	15.169	ug/l #	88
20) Methylene Chloride	4.734	84	15828	11.601	ug/l #	82
25) 2-Butanone	7.008	43	463	1.684	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	7050	3.930	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10050	5.398	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	37153	47.625	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37153	103.374	ug/l #	10

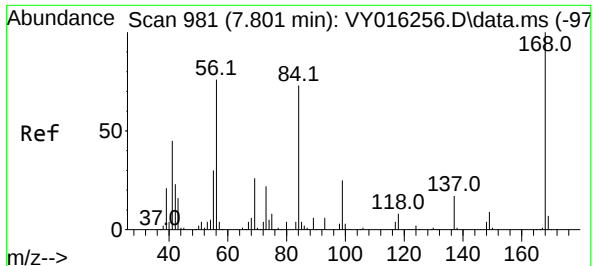
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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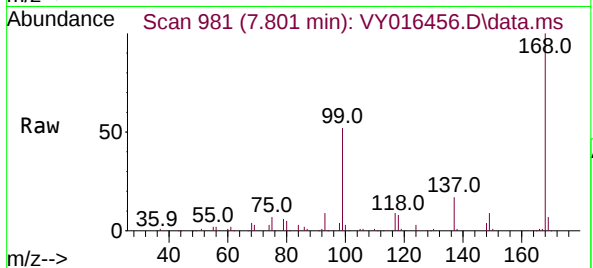
Quant Time: Nov 23 04:22:43 2023
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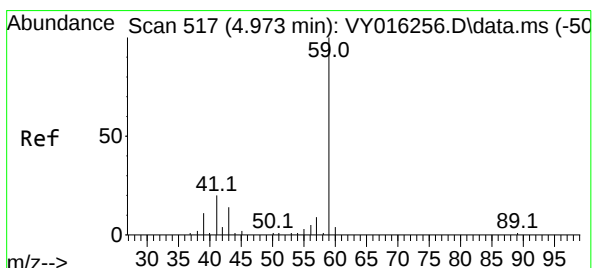
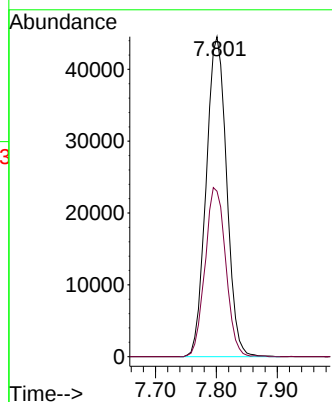
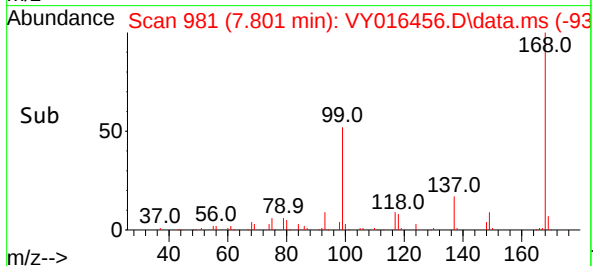


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

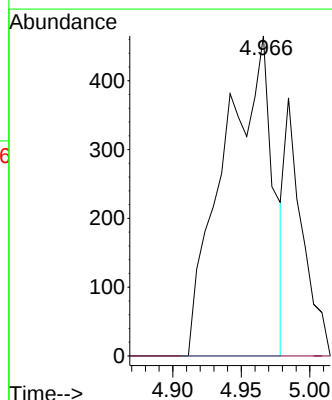
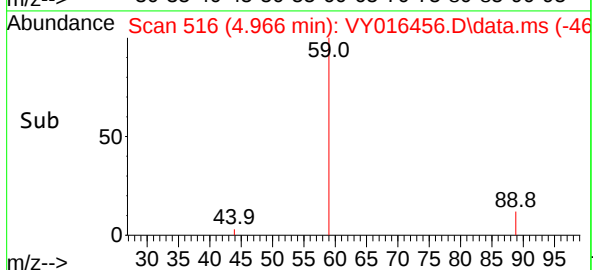
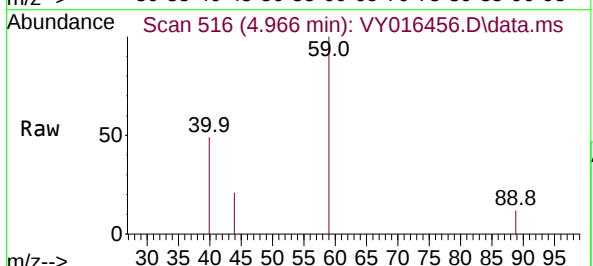


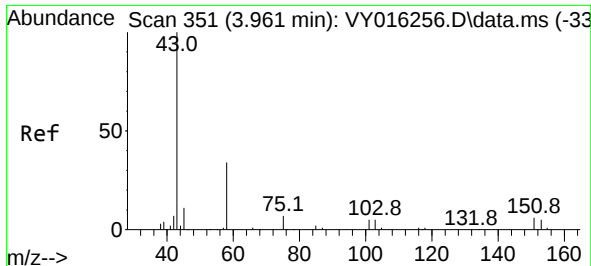
Tgt Ion:168 Resp: 103828
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 15.489 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

Tgt Ion: 59 Resp: 1151
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 15.169 ug/l

RT: 3.954 min Scan# 351

Delta R.T. -0.006 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

Instrument :

MSVOA_Y

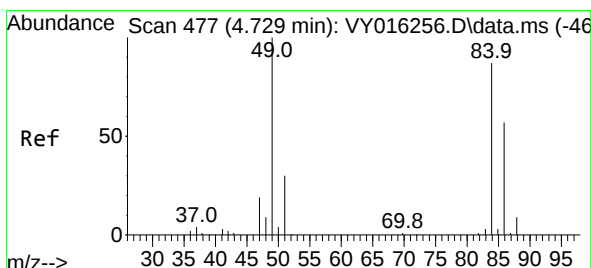
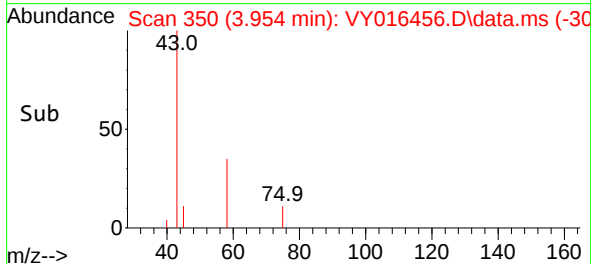
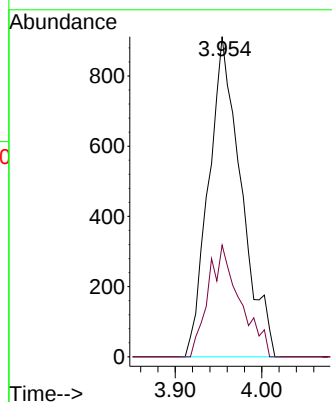
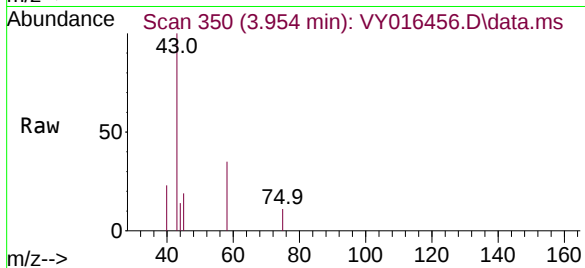
ClientSampleId :

Tgt Ion: 43 Resp: 2381

Ion Ratio Lower Upper

43 100

58 34.9 22.7 34.1#



#20

Methylene Chloride

Concen: 11.601 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.005 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

Tgt Ion: 84 Resp: 15828

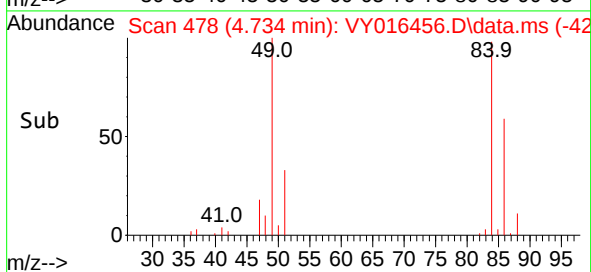
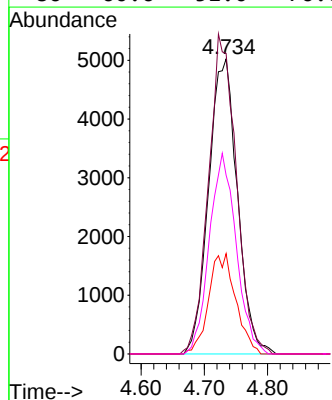
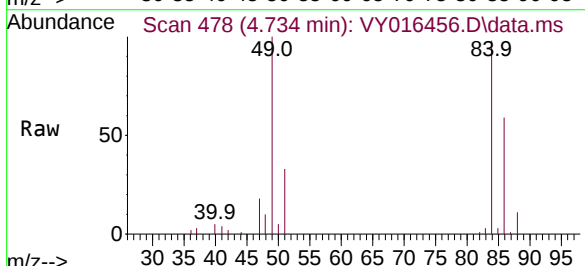
Ion Ratio Lower Upper

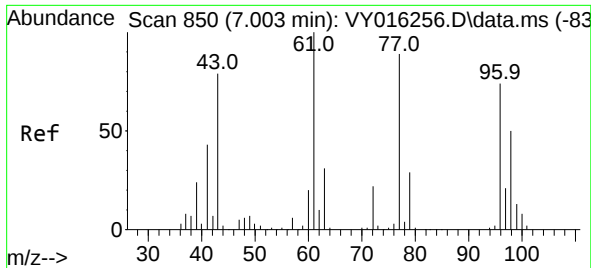
84 100

49 101.9 106.9 160.3#

51 34.0 33.2 49.8

86 60.6 51.0 76.6

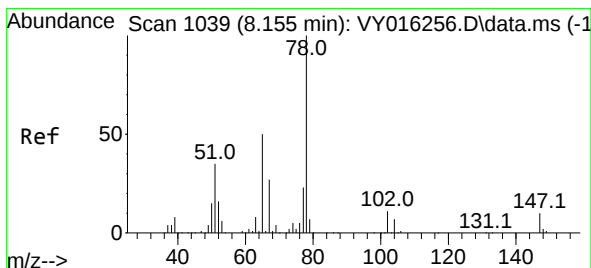
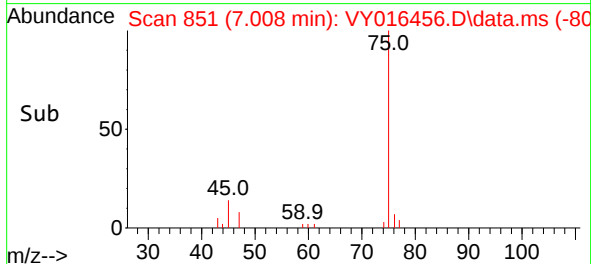
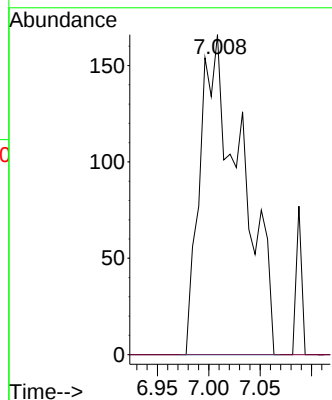
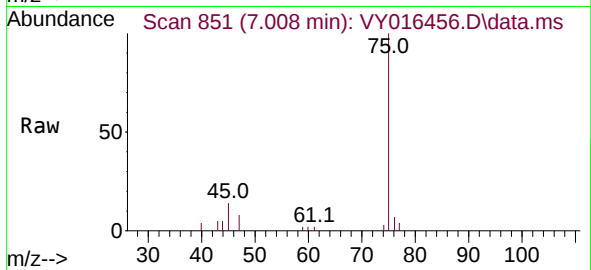




#25
2-Butanone
Concen: 1.684 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

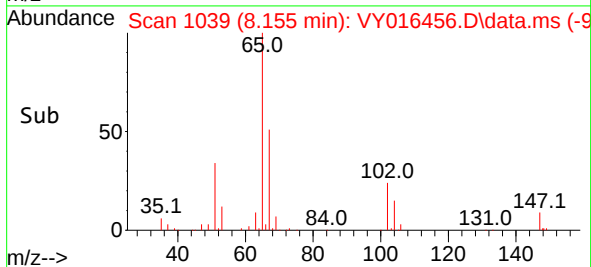
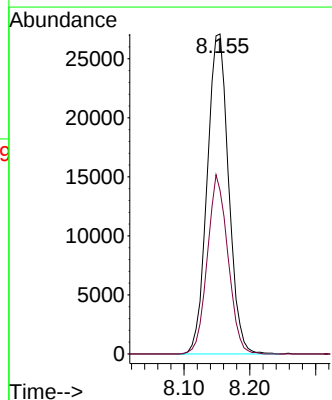
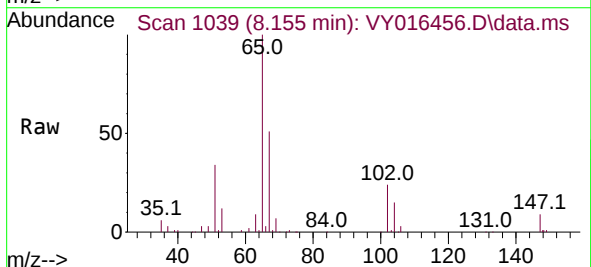
Instrument :
MSVOA_Y
ClientSampleId :

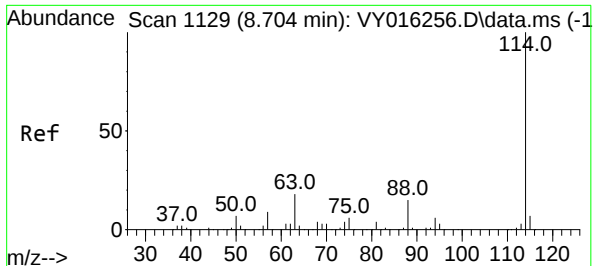
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 64.686 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

Tgt Ion: 65 Resp: 61384
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

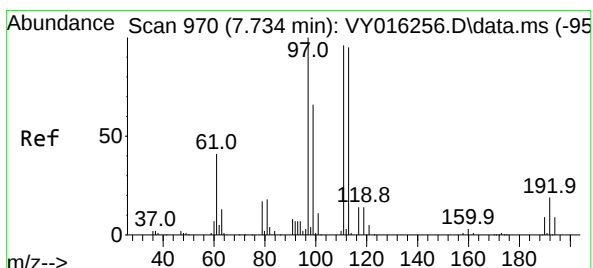
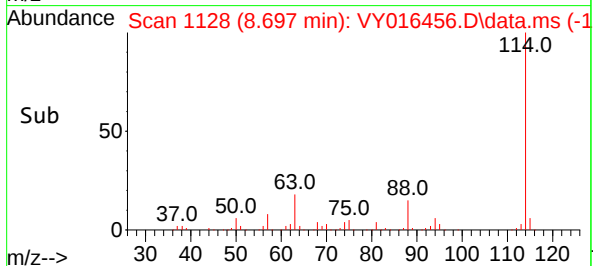
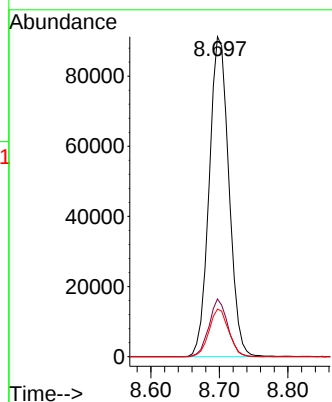
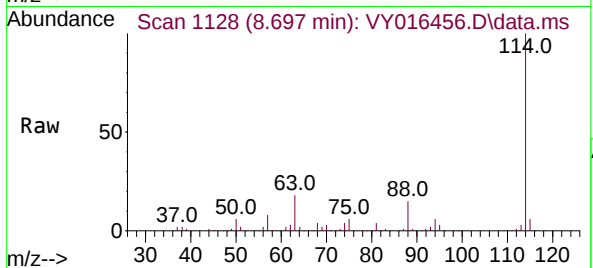
Tgt Ion:114 Resp: 181875

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.719 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

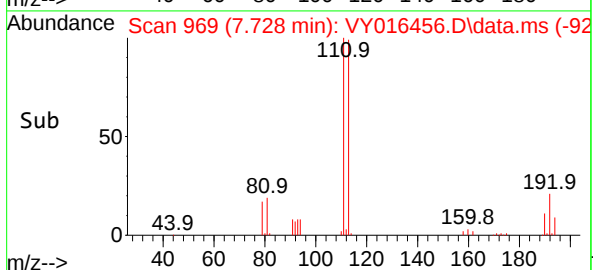
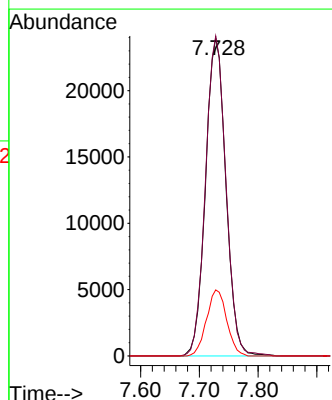
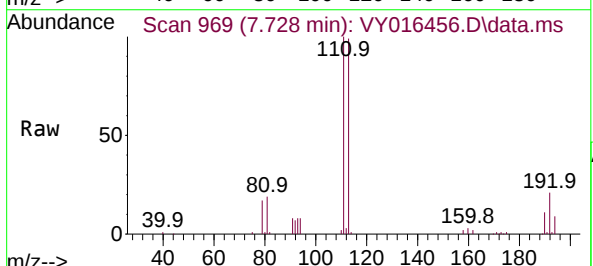
Tgt Ion:113 Resp: 57567

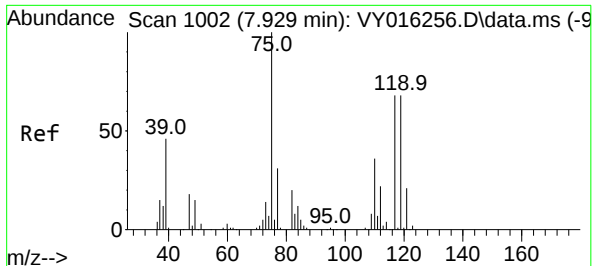
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 20.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 3.930 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY016456.D

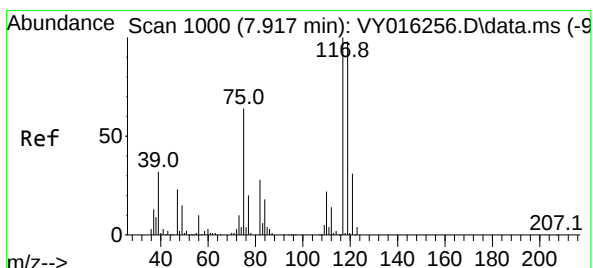
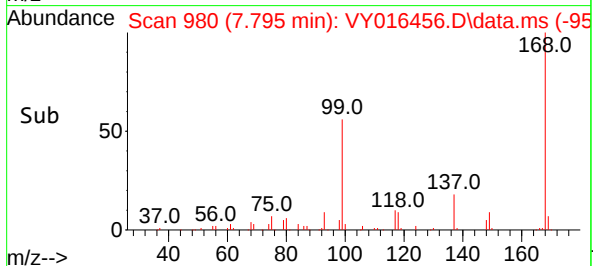
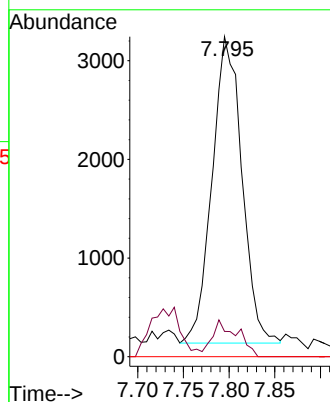
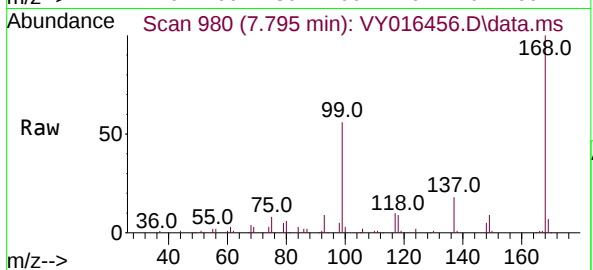
Acq: 22 Nov 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 7050
Ion Ratio	Lower Upper
75 100	
110 10.0	17.8 53.5#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.398 ug/l

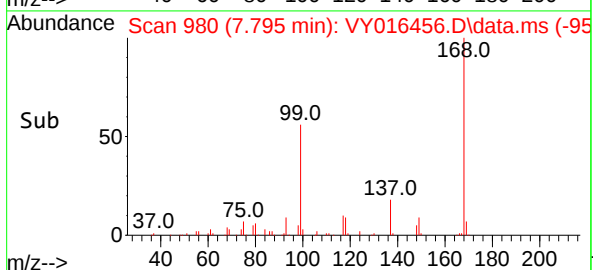
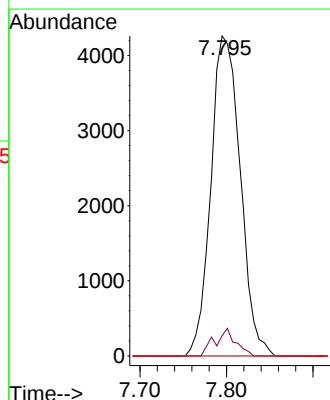
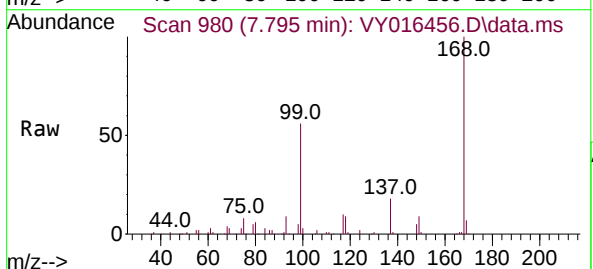
RT: 7.795 min Scan# 980

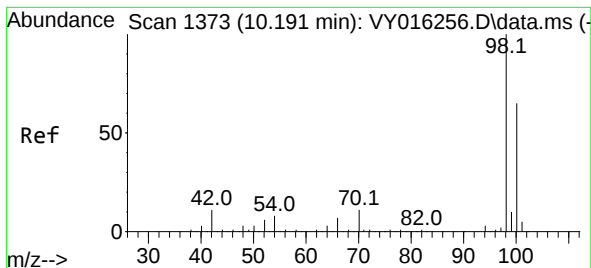
Delta R.T. -0.122 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

Tgt Ion: 117	Resp: 10050
Ion Ratio	Lower Upper
117 100	
119 6.3	76.4 114.6#
121 0.0	25.8 38.6#





#50

Toluene-d8

Concen: 50.004 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

Instrument :

MSVOA_Y

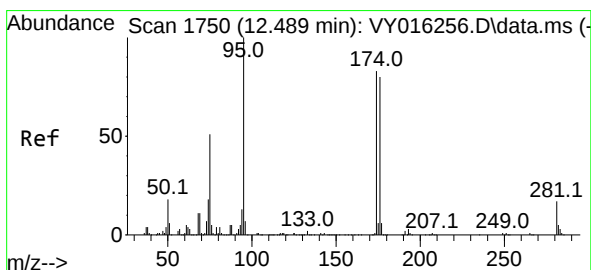
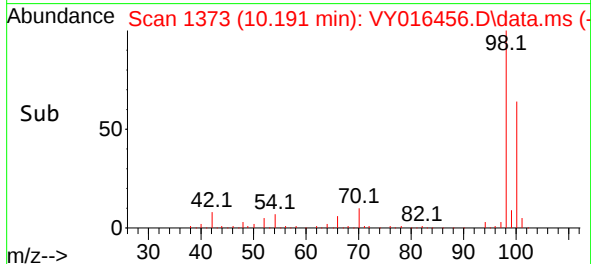
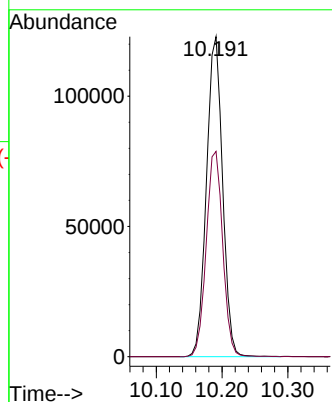
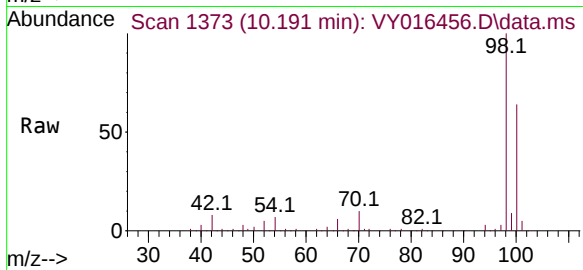
ClientSampleId :

Tgt Ion: 98 Resp: 209502

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 54.747 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016456.D

Acq: 22 Nov 2023 12:49

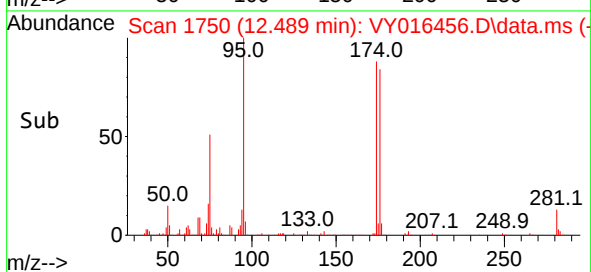
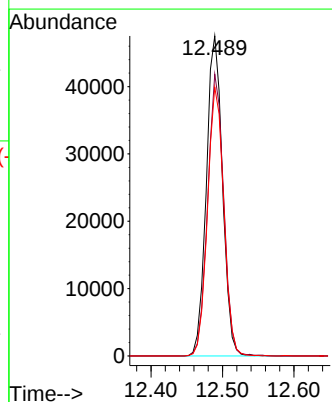
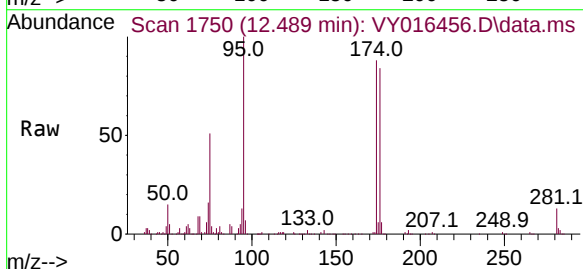
Tgt Ion: 95 Resp: 74497

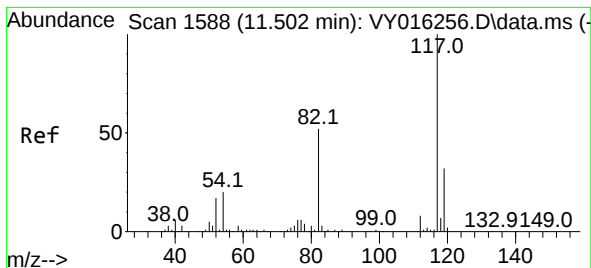
Ion Ratio Lower Upper

95 100

174 87.9 0.0 178.2

176 84.7 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: VY016456.D

Acq: 22 Nov 2023 12:49

Instrument :

MSVOA_Y

ClientSampleId :

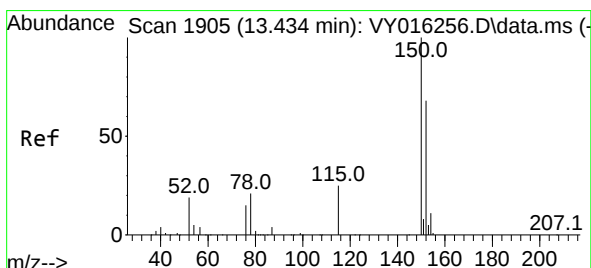
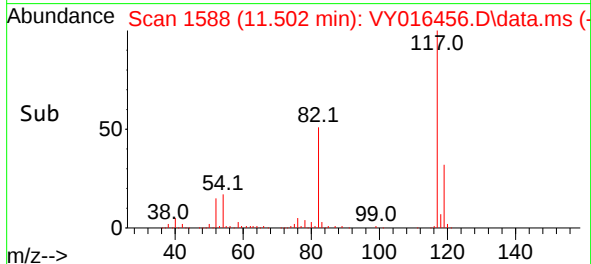
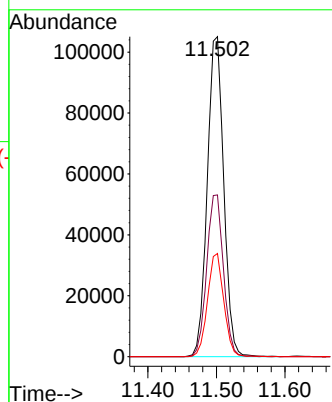
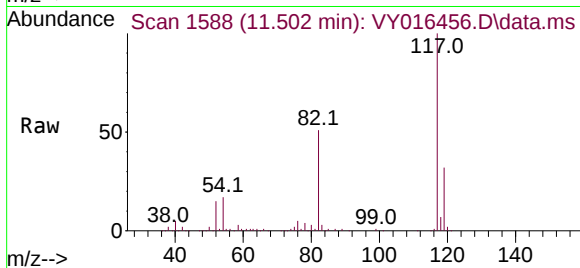
Tgt Ion:117 Resp: 175371

Ion Ratio Lower Upper

117 100

82 50.6 43.4 65.0

119 32.2 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: VY016456.D

Acq: 22 Nov 2023 12:49

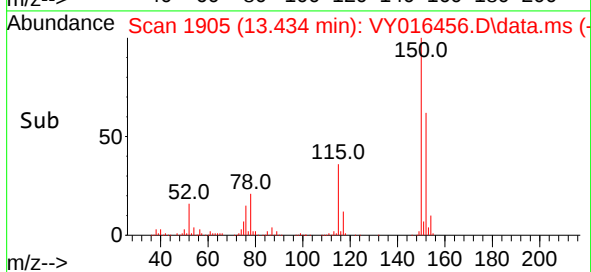
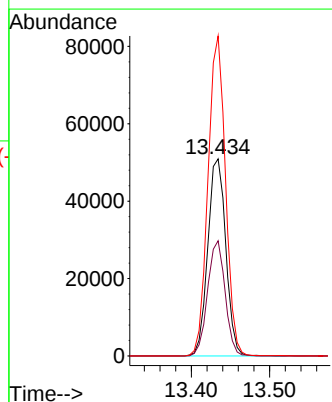
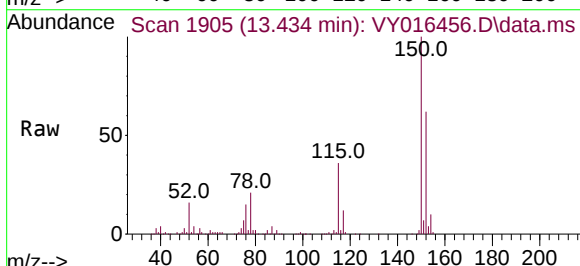
Tgt Ion:152 Resp: 81322

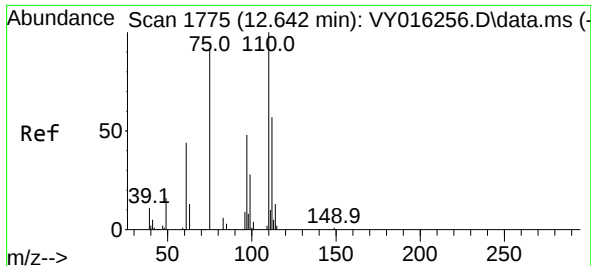
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 157.5 0.0 348.8

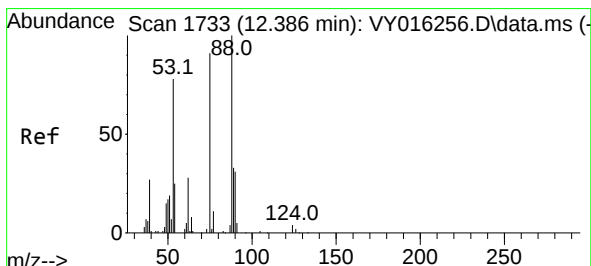
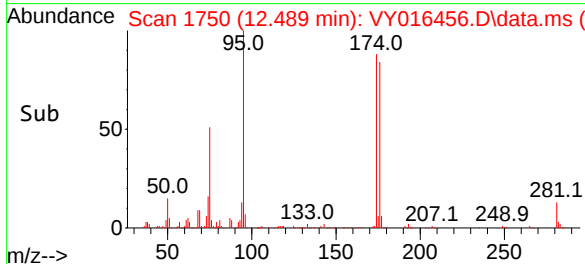
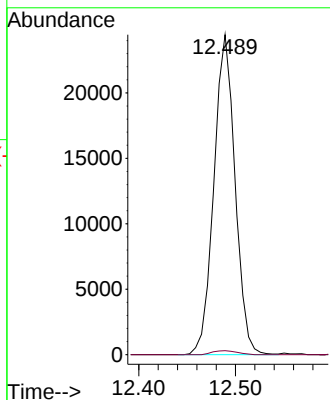
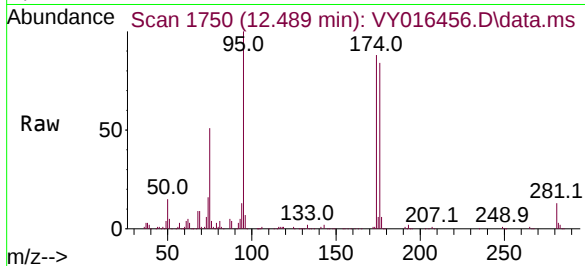




#76
1,2,3-Trichloropropane
Concen: 47.625 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37153
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.374 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016456.D
Acq: 22 Nov 2023 12:49

Tgt Ion: 75 Resp: 37153
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

