

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016454.D
 Acq On : 22 Nov 2023 12:03
 Operator : SY/MD
 Sample : 05503-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:04:58 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)

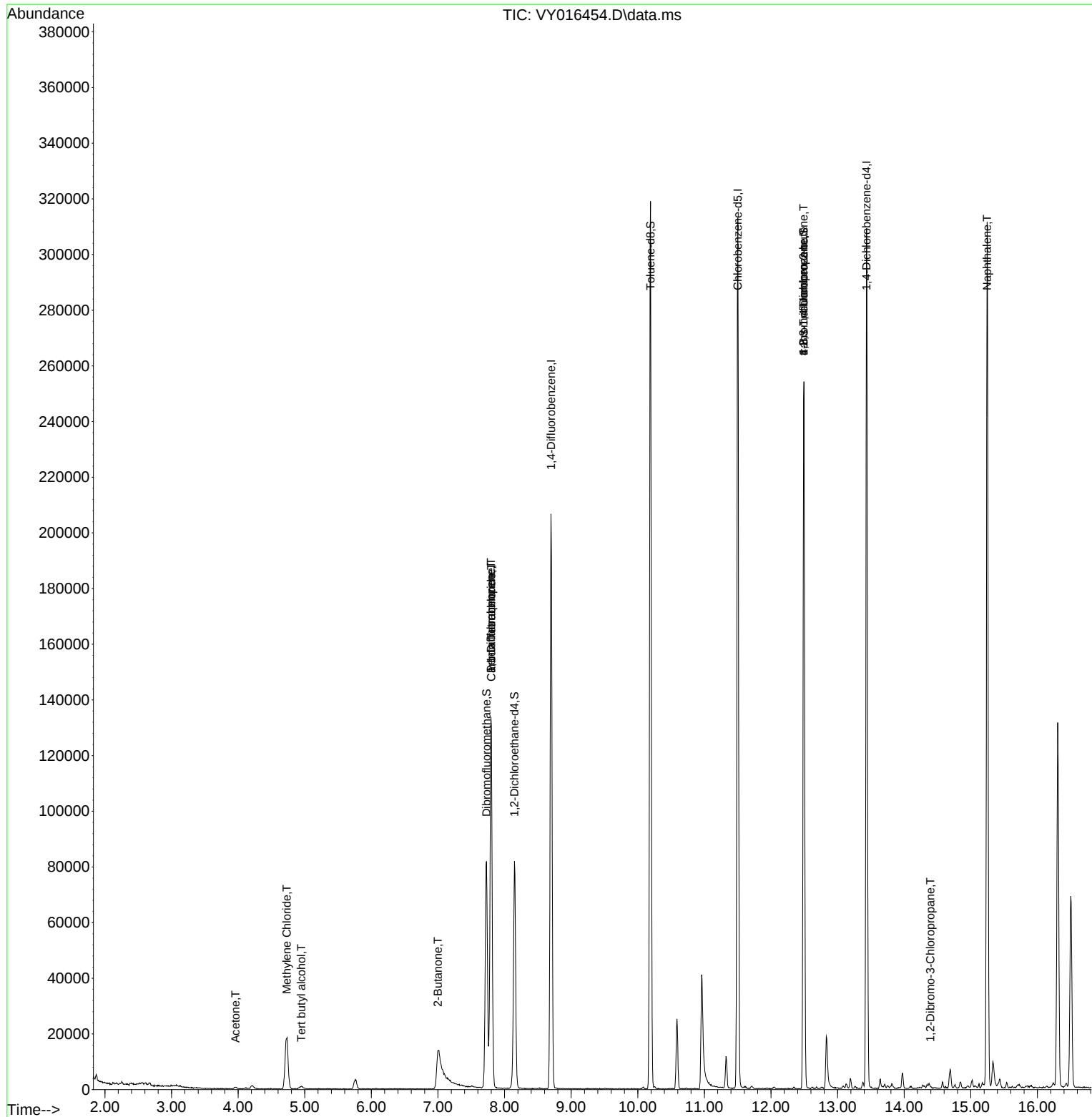
Internal Standards						
1) Pentafluorobenzene	7.795	168	108178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	182067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62920	63.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.280%	
35) Dibromofluoromethane	7.728	113	58637	55.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.300%	
50) Toluene-d8	10.191	98	216705	50.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.489	95	76697	55.265	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1506	19.452	ug/l #	89
16) Acetone	3.960	43	1173	7.172	ug/l	95
20) Methylene Chloride	4.729	84	15906	11.056	ug/l #	82
25) 2-Butanone	6.997	43	433	1.512	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	7712	4.215	ug/l #	50
38) Carbon Tetrachloride	7.801	117	10795	5.685	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	38598	47.356	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38598	102.789	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.392	75	179	1.019	ug/l #	3
95) Naphthalene	15.245	128	261942	97.874	ug/l	99

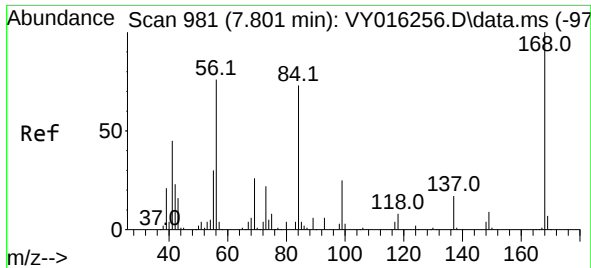
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
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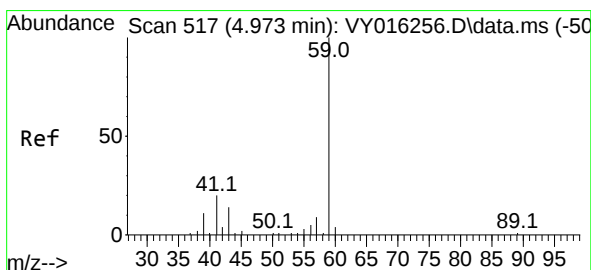
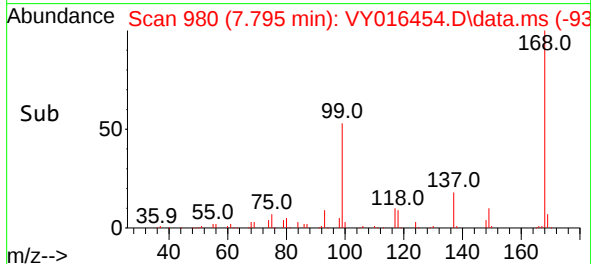
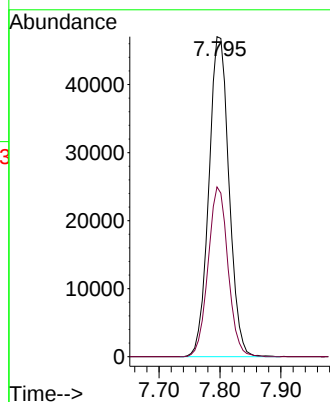
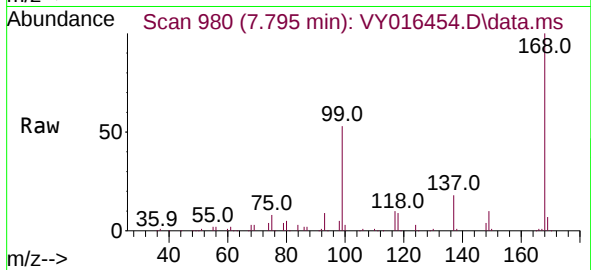




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

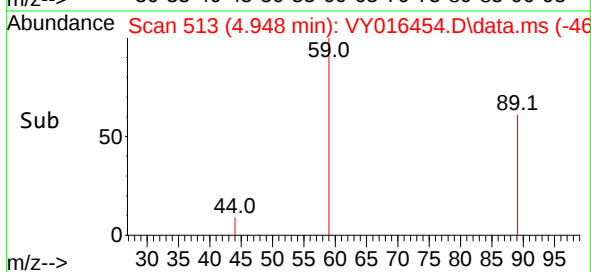
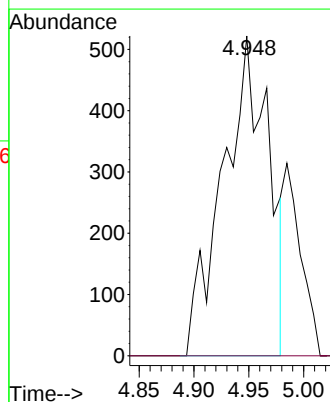
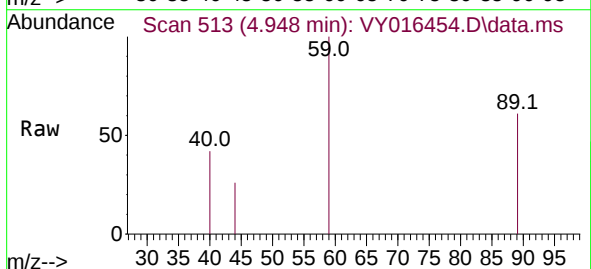
Instrument :
MSVOA_Y
ClientSampleId :

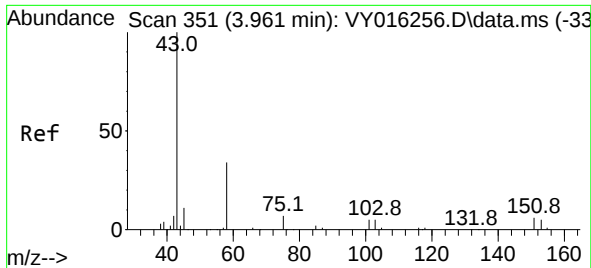
Tgt Ion:168 Resp: 108178
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 19.452 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

Tgt Ion: 59 Resp: 1506
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

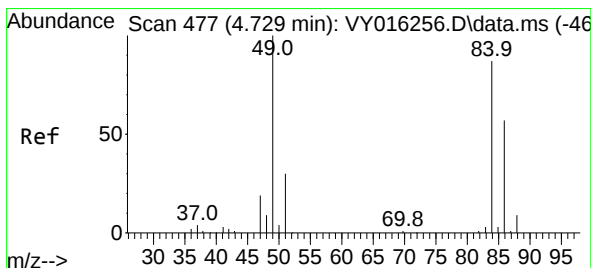
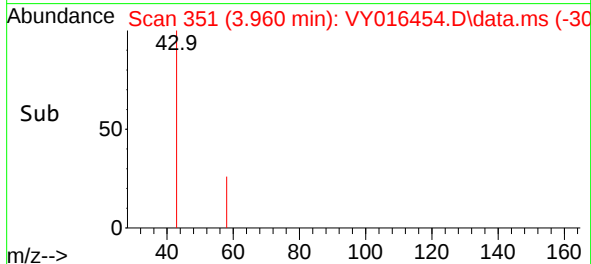
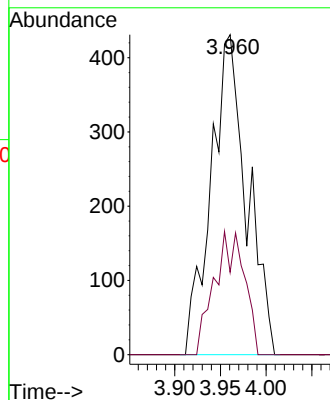
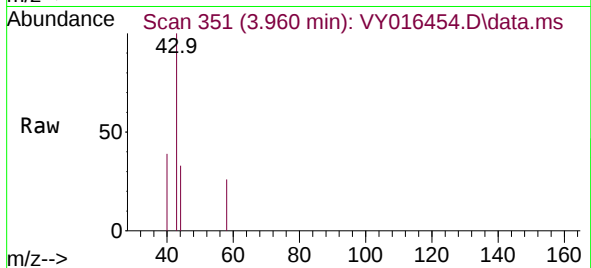




#16
Acetone
Concen: 7.172 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

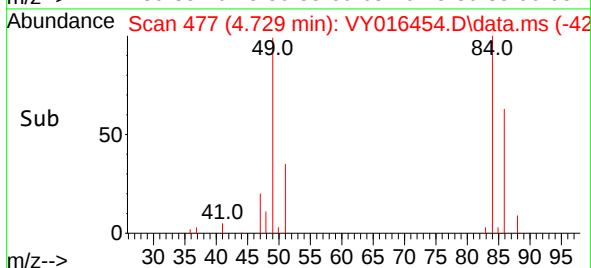
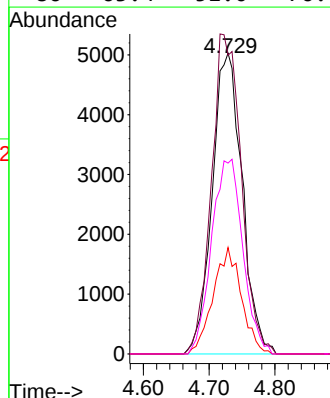
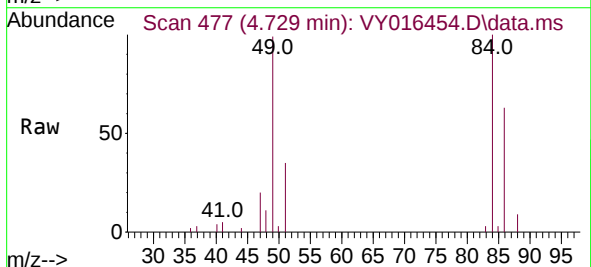
Instrument :
MSVOA_Y
ClientSampleId :

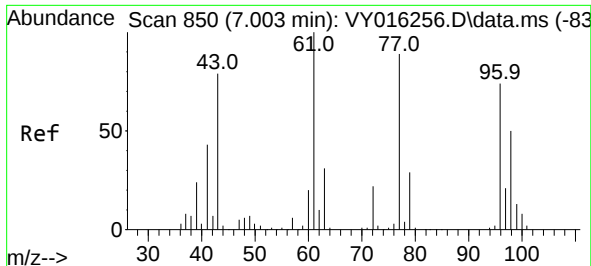
Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 25.8 22.7 34.1



#20
Methylene Chloride
Concen: 11.056 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

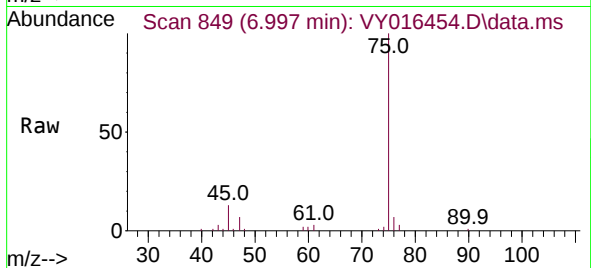
Tgt Ion: 84 Resp: 15906
Ion Ratio Lower Upper
84 100
49 99.3 106.9 160.3#
51 35.4 33.2 49.8
86 63.4 51.0 76.6



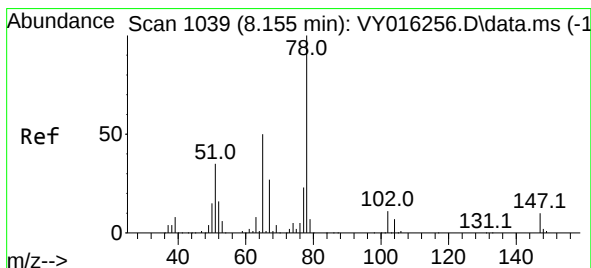
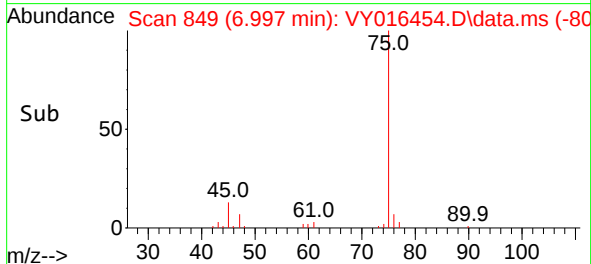
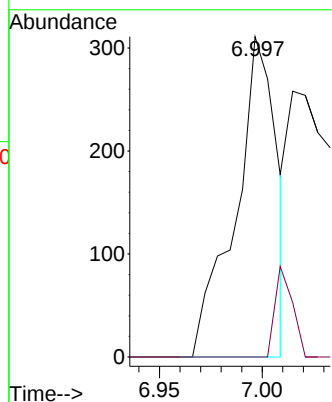


#25
2-Butanone
Concen: 1.512 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

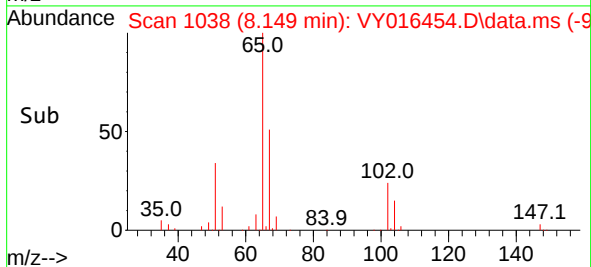
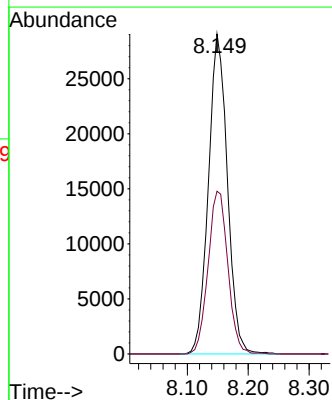
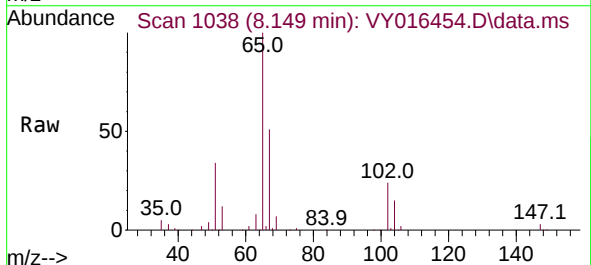


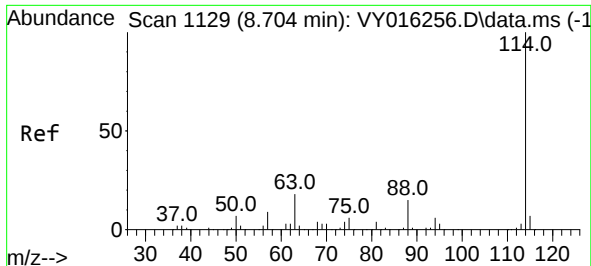
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 63.639 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

Tgt Ion: 65 Resp: 62920
Ion Ratio Lower Upper
65 100
67 52.9 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: VY016454.D

Acq: 22 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

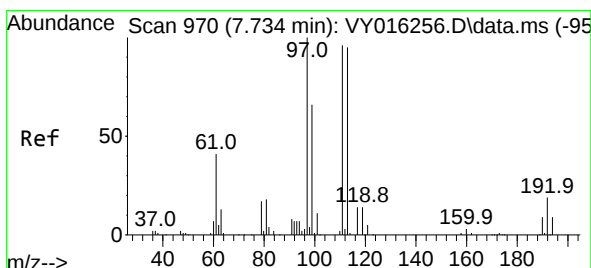
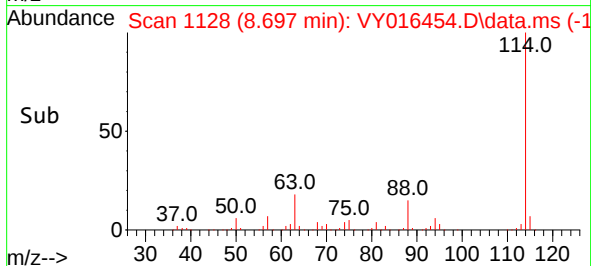
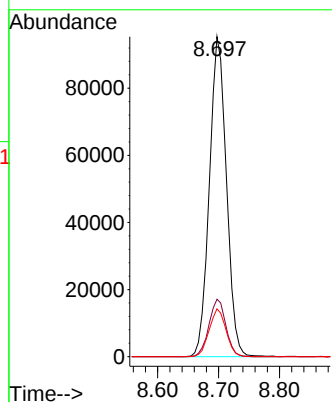
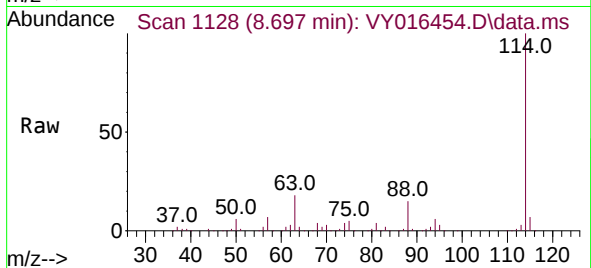
Tgt Ion:114 Resp: 185491

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.648 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

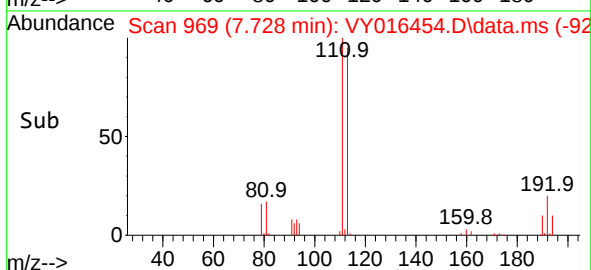
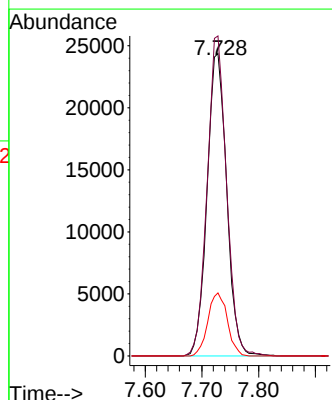
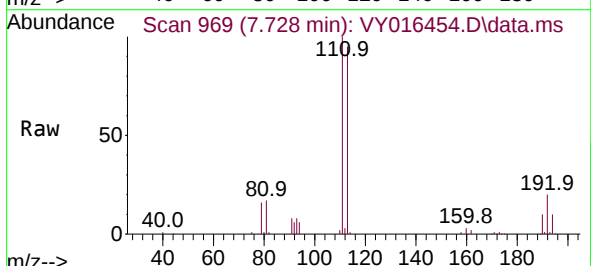
Tgt Ion:113 Resp: 58637

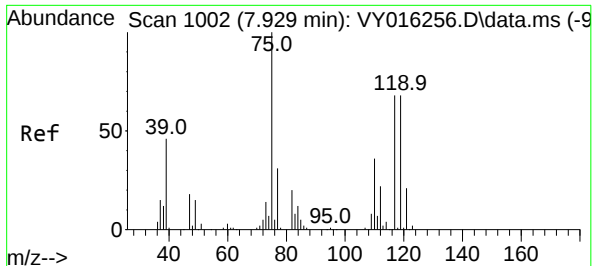
Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

192 20.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.215 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

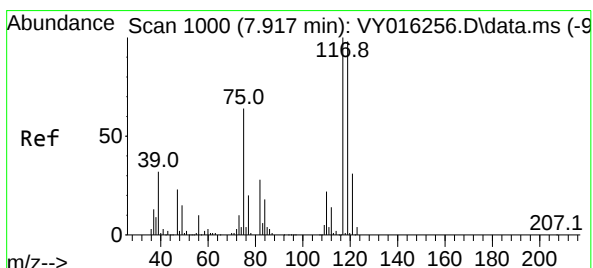
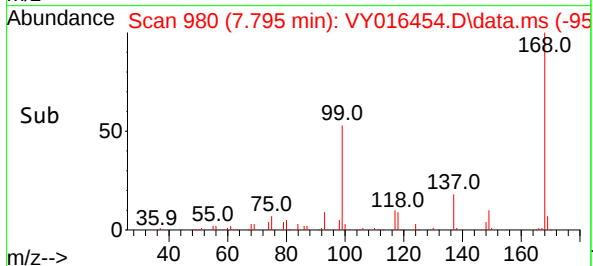
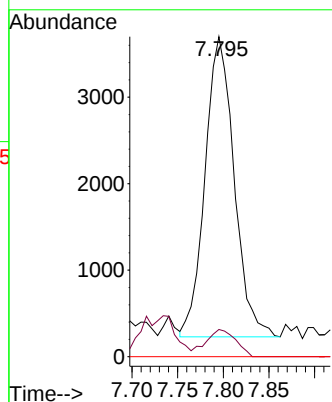
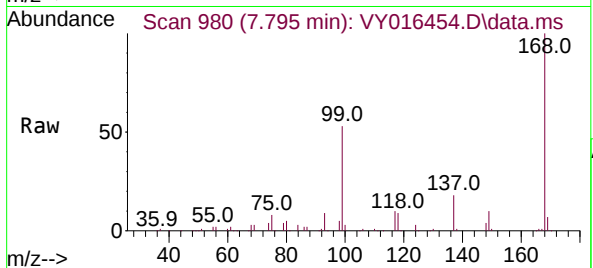
Tgt Ion: 75 Resp: 7712

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.685 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

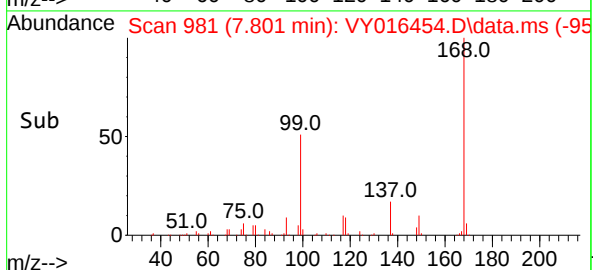
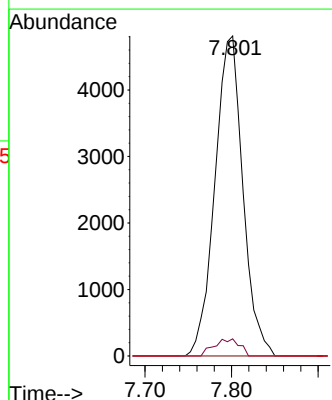
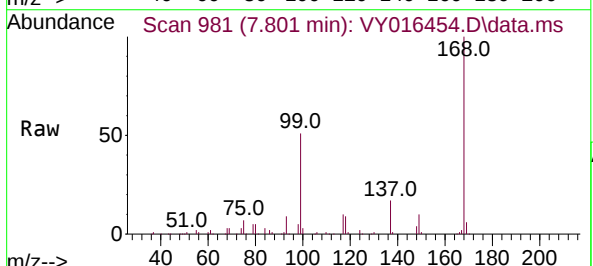
Tgt Ion: 117 Resp: 10795

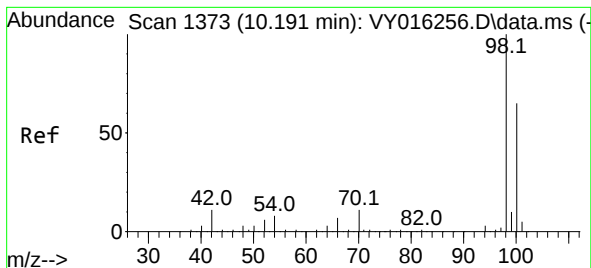
Ion Ratio Lower Upper

117 100

119 5.4 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.715 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

Instrument :

MSVOA_Y

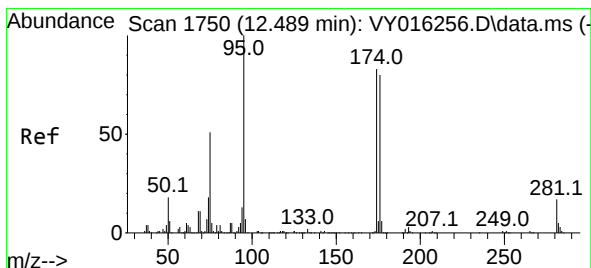
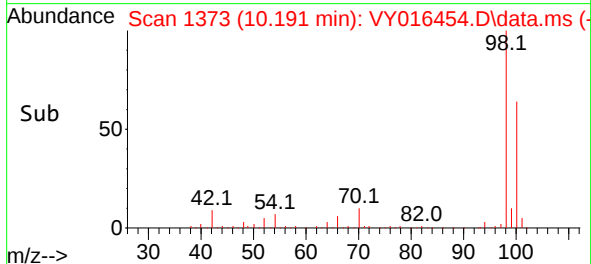
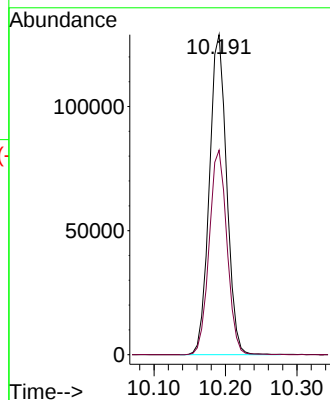
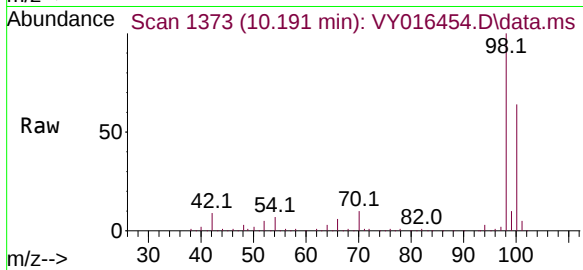
ClientSampleId :

Tgt Ion: 98 Resp: 216705

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 55.265 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

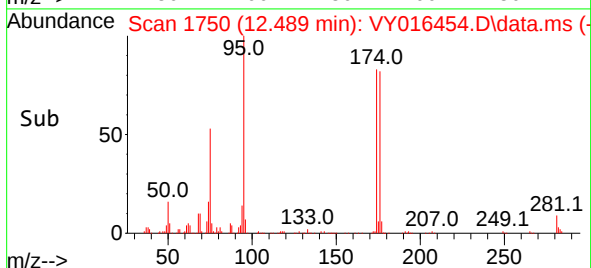
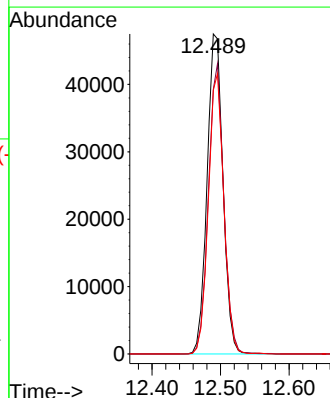
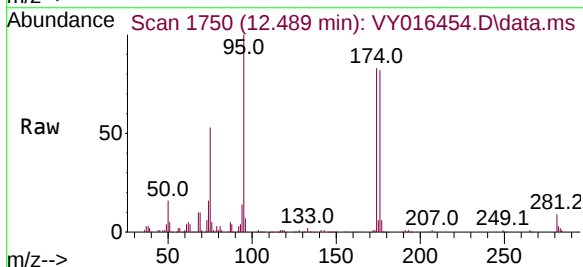
Tgt Ion: 95 Resp: 76697

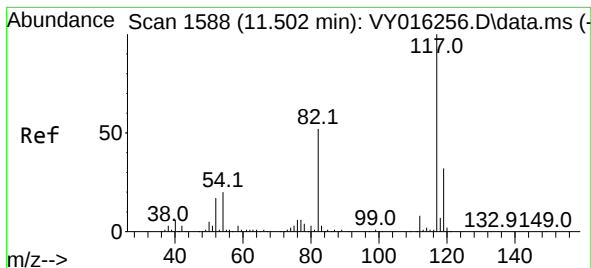
Ion Ratio Lower Upper

95 100

174 87.7 0.0 178.2

176 85.1 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: VY016454.D

Acq: 22 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

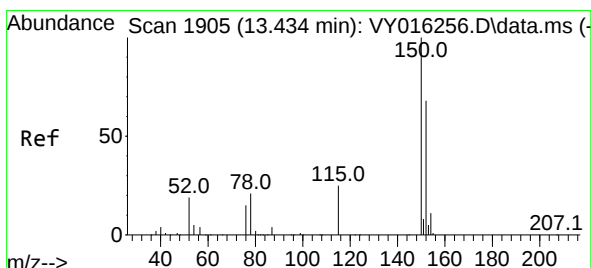
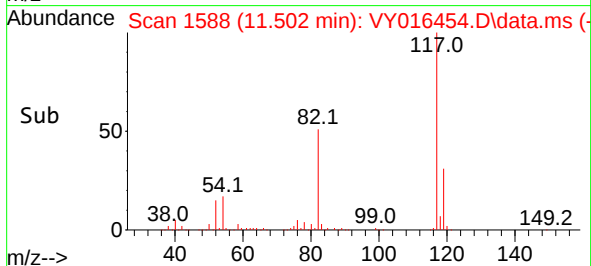
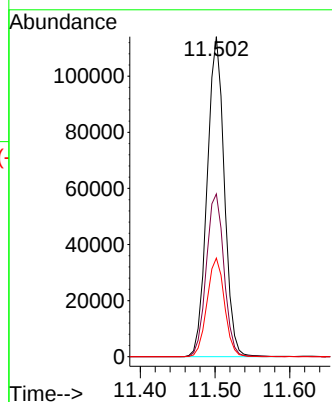
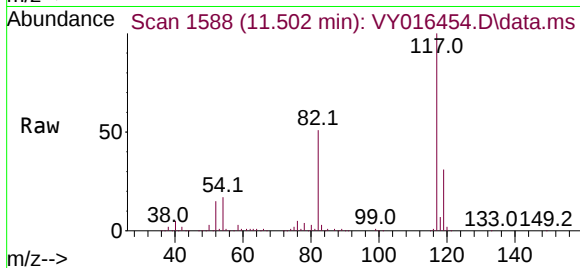
Tgt Ion:117 Resp: 182067

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.0

119 30.8 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: VY016454.D

Acq: 22 Nov 2023 12:03

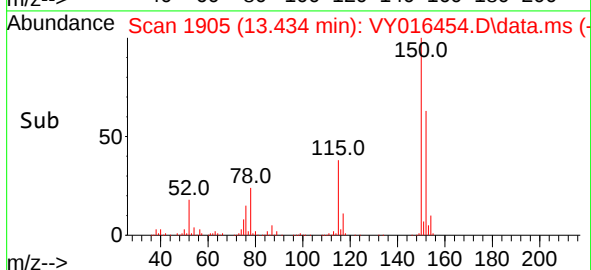
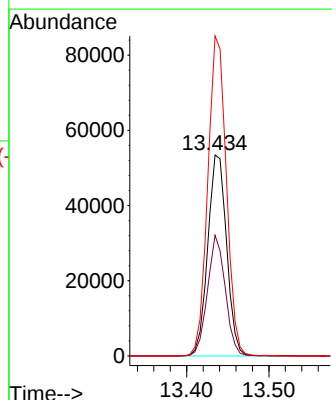
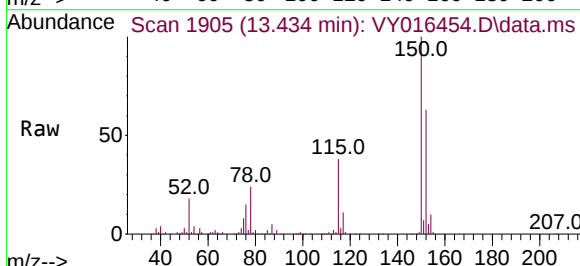
Tgt Ion:152 Resp: 84966

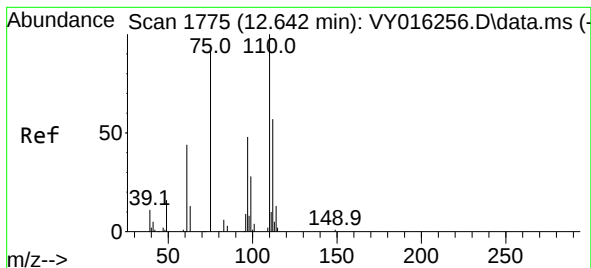
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 156.9 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 47.356 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

Instrument :

MSVOA_Y

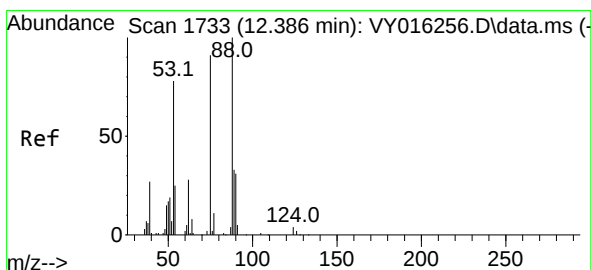
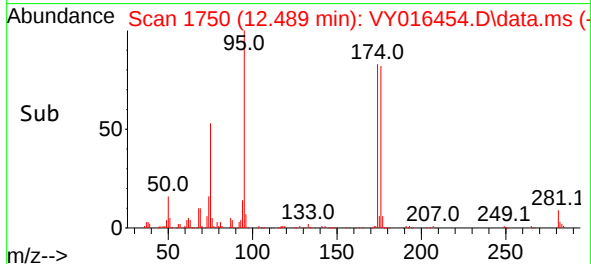
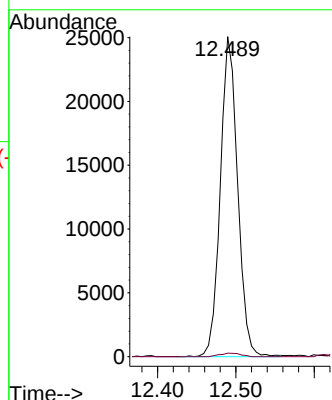
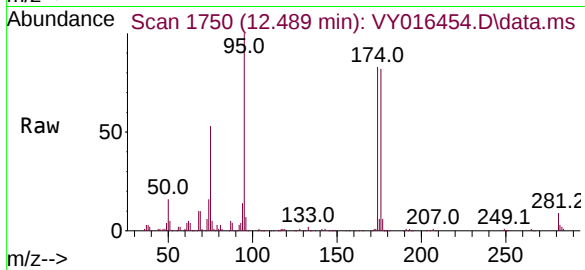
ClientSampleId :

Tgt Ion: 75 Resp: 38598

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.789 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

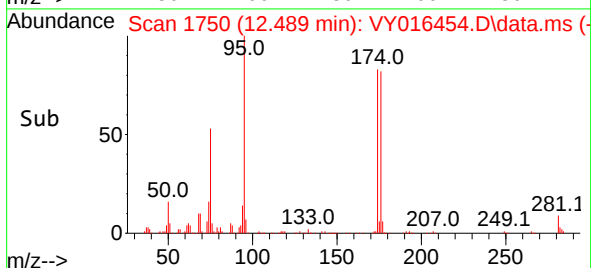
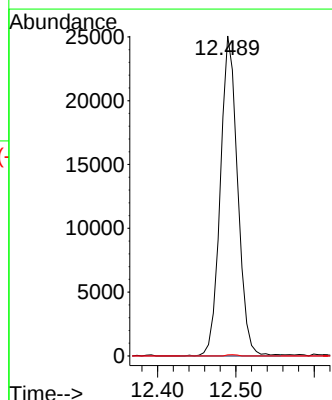
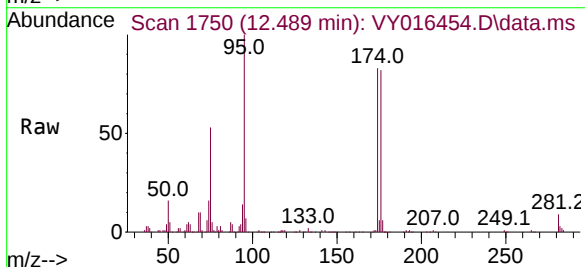
Tgt Ion: 75 Resp: 38598

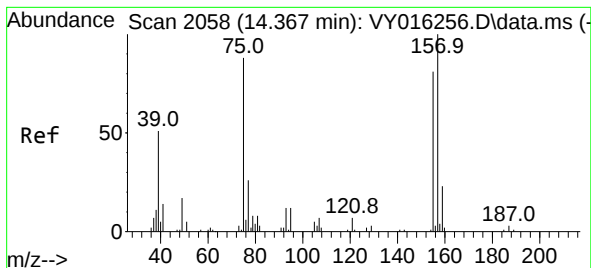
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.3 37.4 56.0#

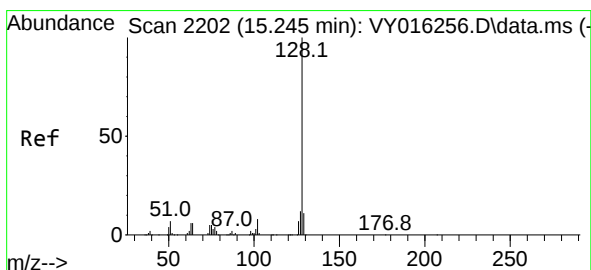
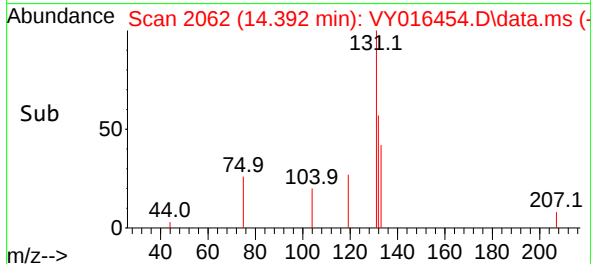
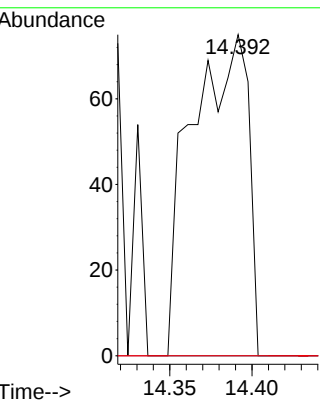
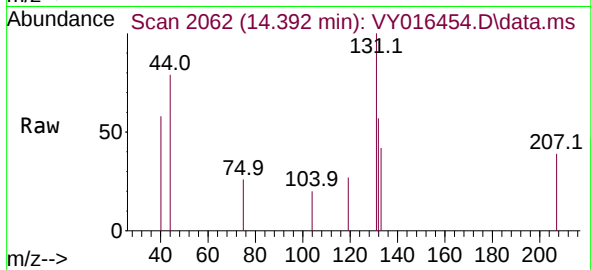




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.019 ug/l
RT: 14.392 min Scan# 2058
Delta R.T. 0.024 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 179
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 97.874 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

Tgt Ion:128 Resp: 261942
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.9 8.6 13.0

