

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016462.D
 Acq On : 22 Nov 2023 15:10
 Operator : SY/MD
 Sample : 05294-05
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:23:03 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)

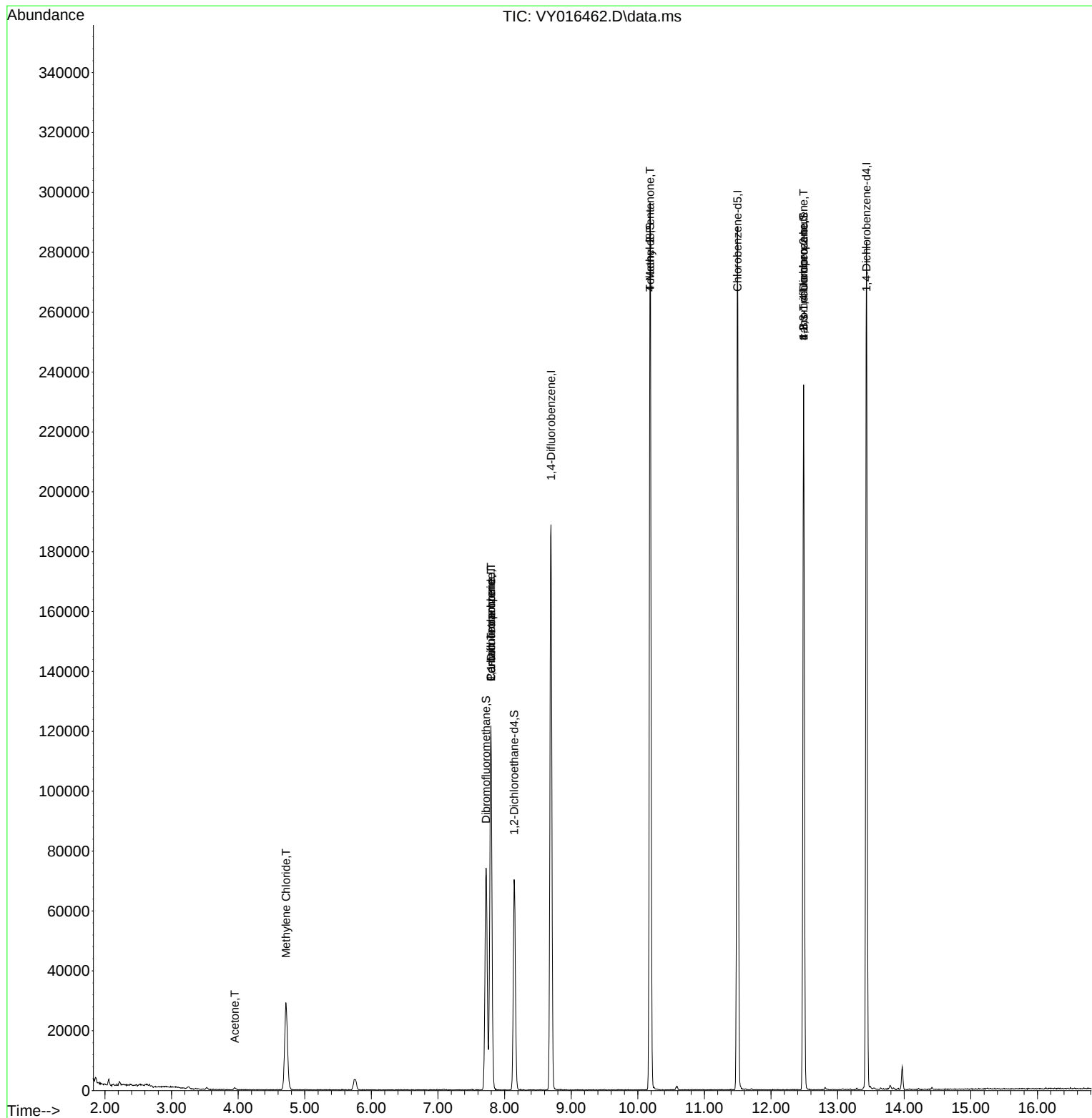
Internal Standards						
1) Pentafluorobenzene	7.795	168	98558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	165252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56466	62.686	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.380%	
35) Dibromofluoromethane	7.722	113	54524	55.605	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.200%	
50) Toluene-d8	10.185	98	202303	50.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.489	95	69572	53.870	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.740%	
Target Compounds						Qvalue
16) Acetone	3.948	43	1133	7.604	ug/l #	74
20) Methylene Chloride	4.716	84	23044	19.789	ug/l #	86
36) 1,1-Dichloropropene	7.795	75	6583	3.866	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9605	5.435	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	736	1.094	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	34574	47.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34574	102.896	ug/l #	10

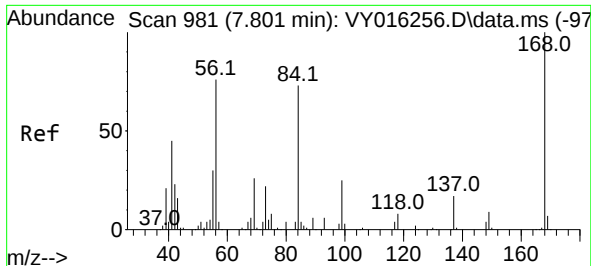
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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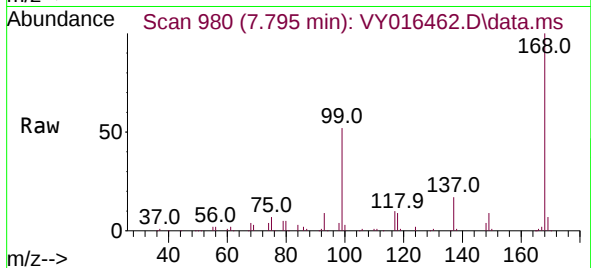
Quant Time: Nov 23 04:23:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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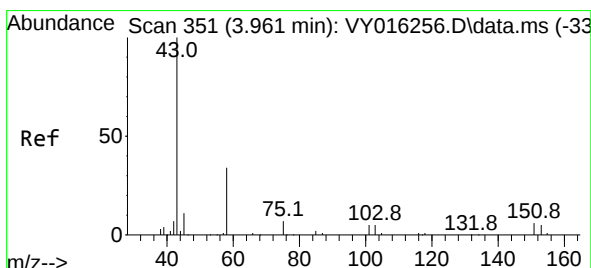
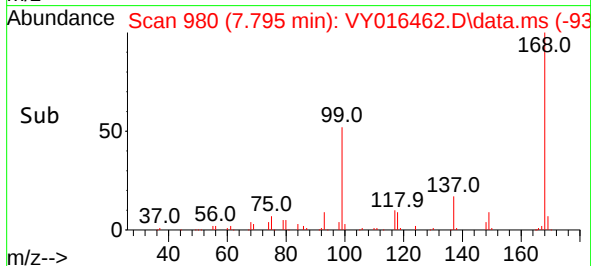
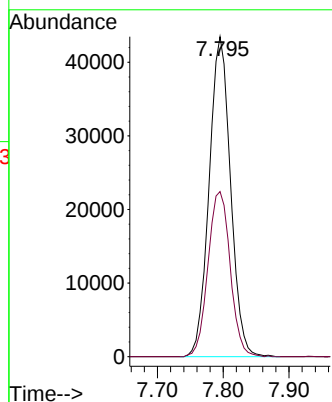


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :

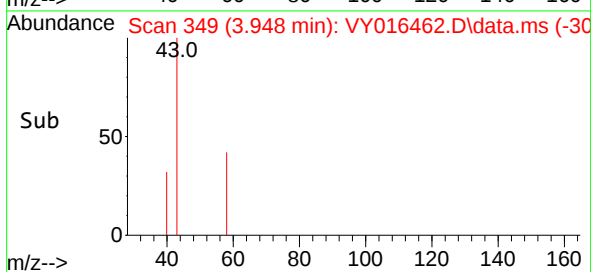
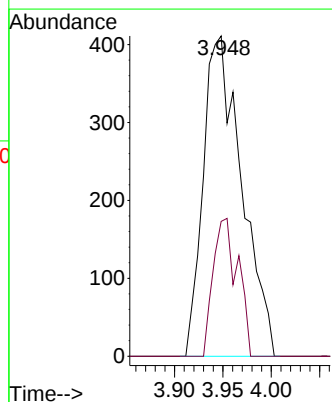
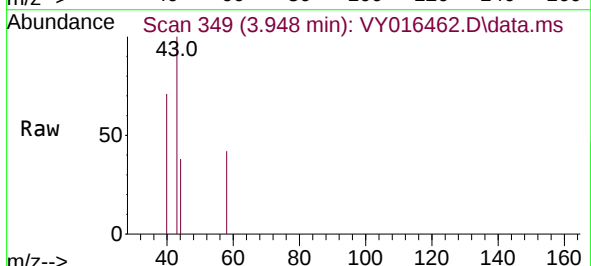


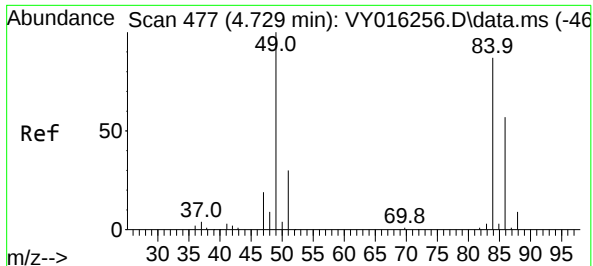
Tgt Ion:168 Resp: 98558
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#16
Acetone
Concen: 7.604 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

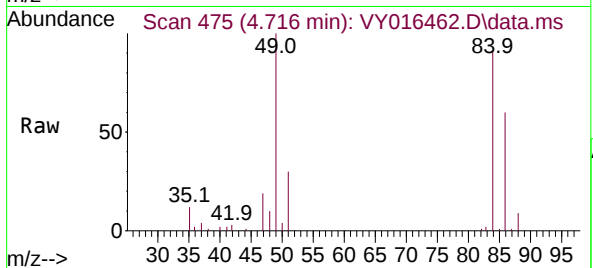
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
58 42.1 22.7 34.1#





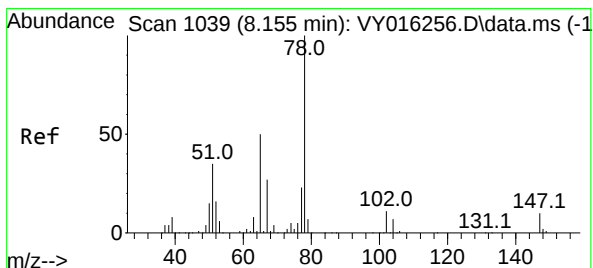
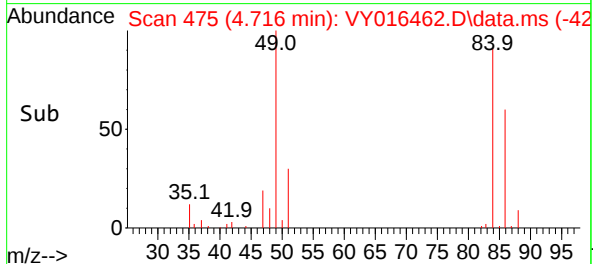
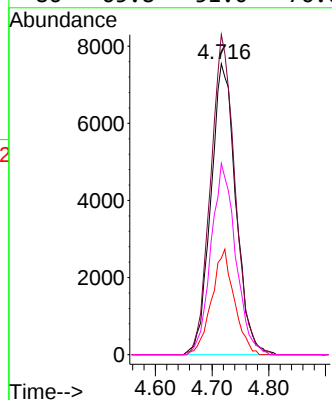
#20
Methylene Chloride
Concen: 19.789 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 23044

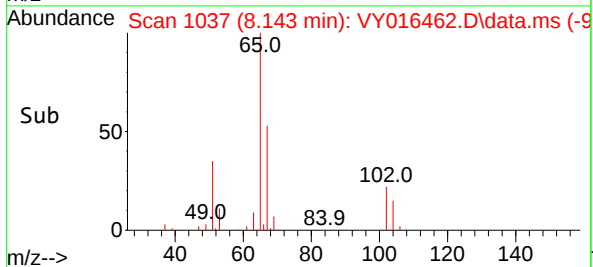
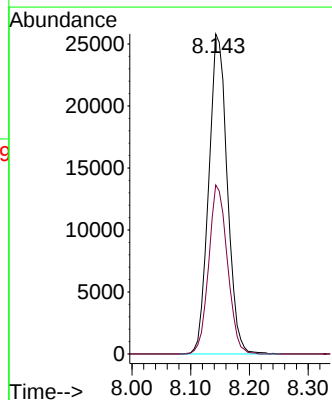
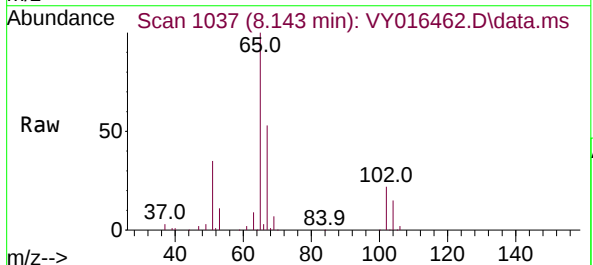
Ion	Ratio	Lower	Upper
84	100		
49	110.0	106.9	160.3
51	33.2	33.2	49.8#
86	65.8	51.0	76.6

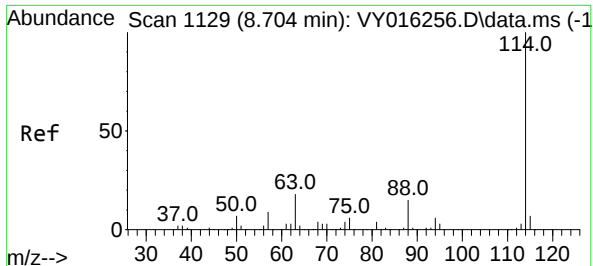


#33
1,2-Dichloroethane-d4
Concen: 62.686 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

Tgt Ion: 65 Resp: 56466

Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VY016462.D

Acq: 22 Nov 2023 15:10

Instrument :

MSVOA_Y

ClientSampleId :

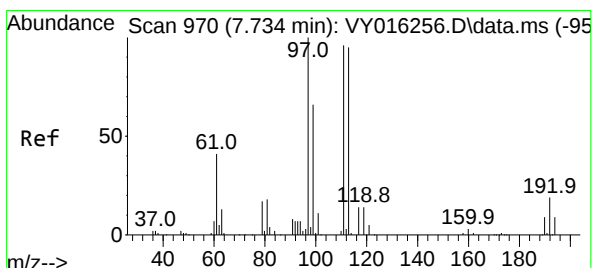
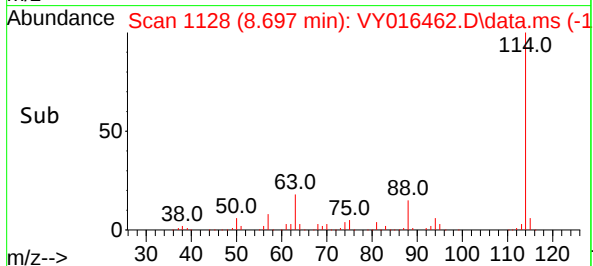
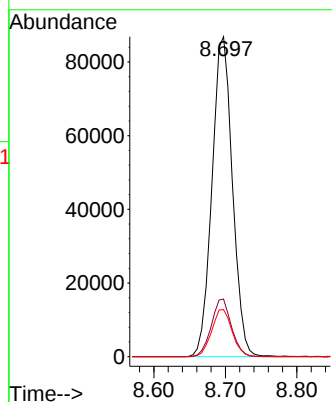
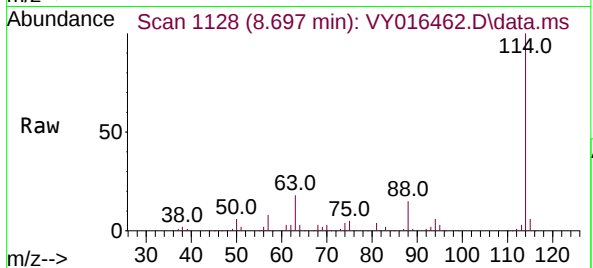
Tgt Ion:114 Resp: 172616

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.605 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016462.D

Acq: 22 Nov 2023 15:10

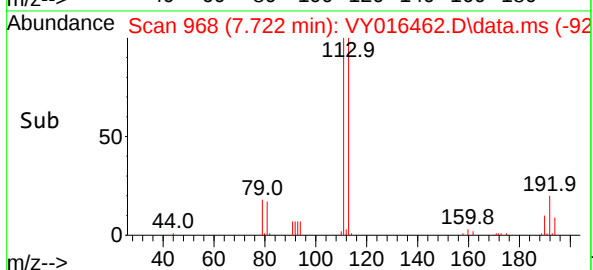
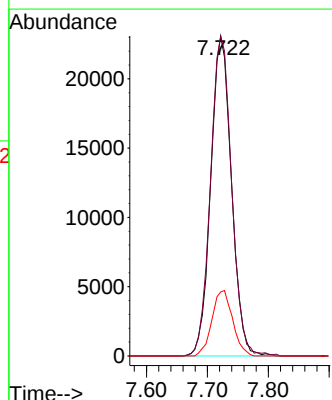
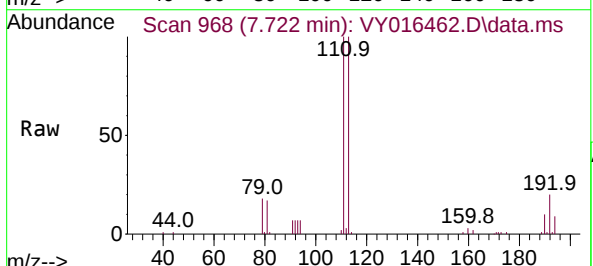
Tgt Ion:113 Resp: 54524

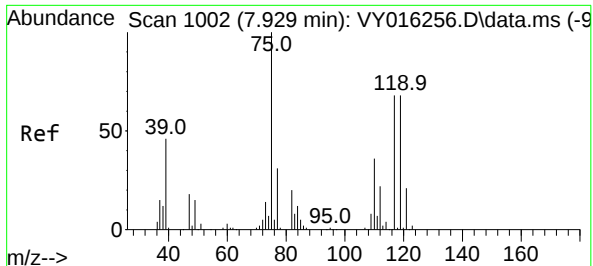
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 20.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 3.866 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY016462.D

Acq: 22 Nov 2023 15:10

Instrument :

MSVOA_Y

ClientSampleId :

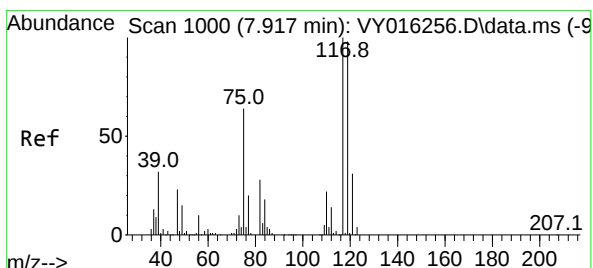
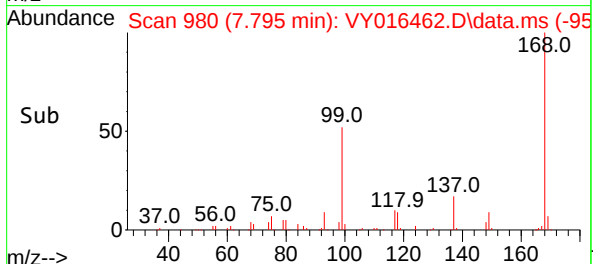
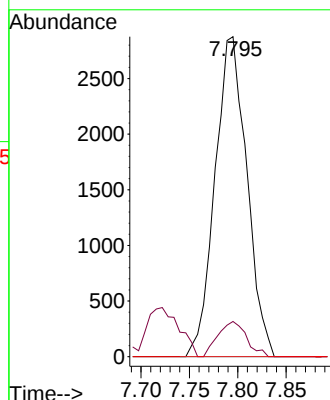
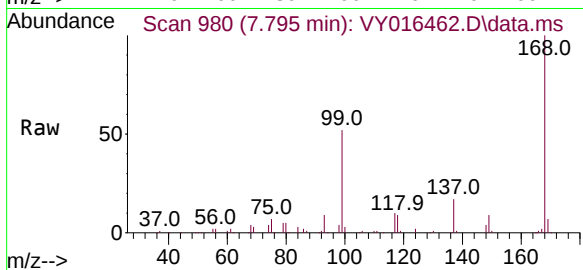
Tgt Ion: 75 Resp: 6583

Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.435 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY016462.D

Acq: 22 Nov 2023 15:10

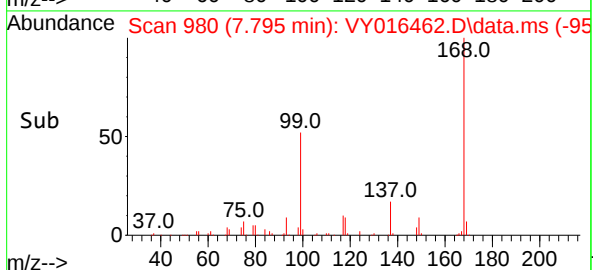
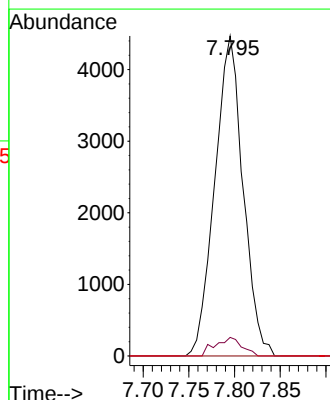
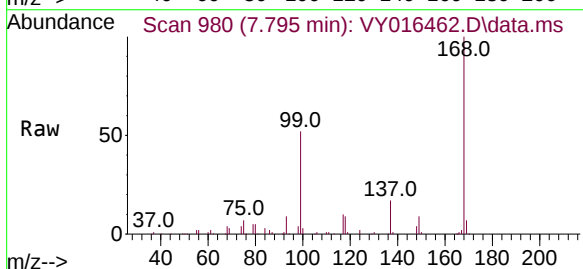
Tgt Ion: 117 Resp: 9605

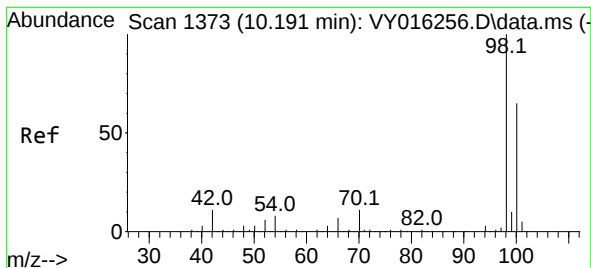
Ion Ratio Lower Upper

117 100

119 5.8 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.876 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016462.D

Acq: 22 Nov 2023 15:10

Instrument :

MSVOA_Y

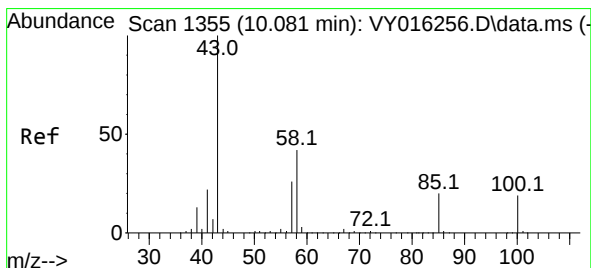
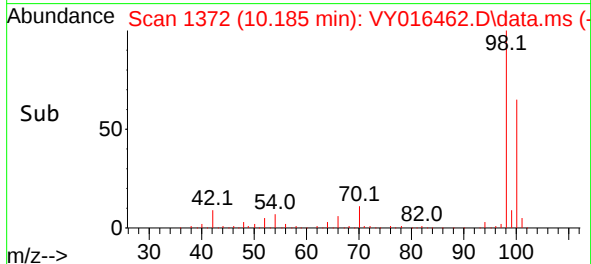
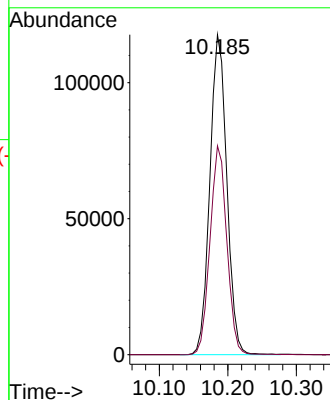
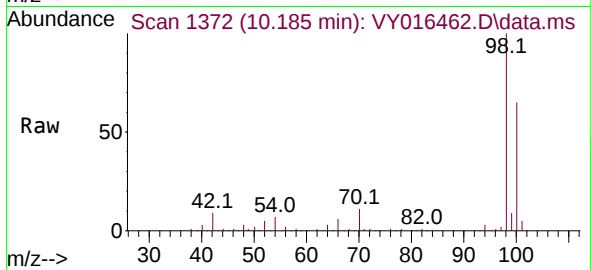
ClientSampleId :

Tgt Ion: 98 Resp: 202303

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.094 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.104 min

Lab File: VY016462.D

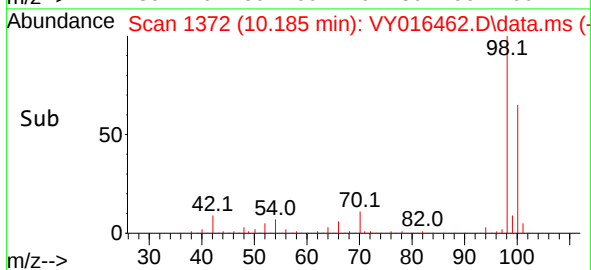
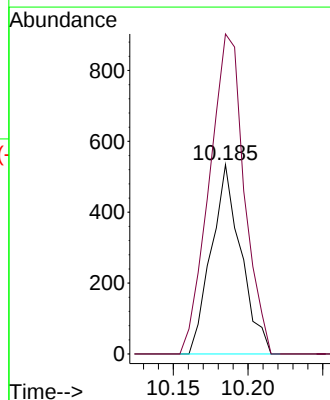
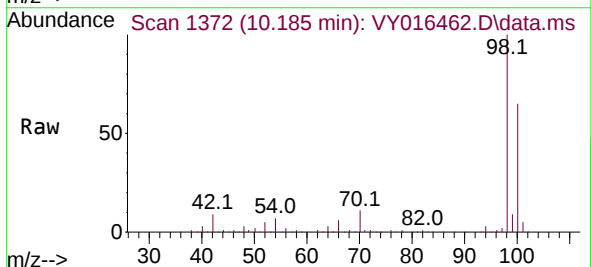
Acq: 22 Nov 2023 15:10

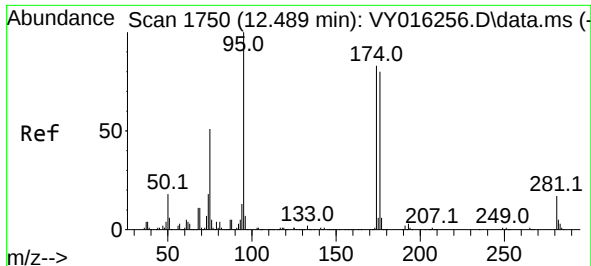
Tgt Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

58 199.2 29.0 43.6#

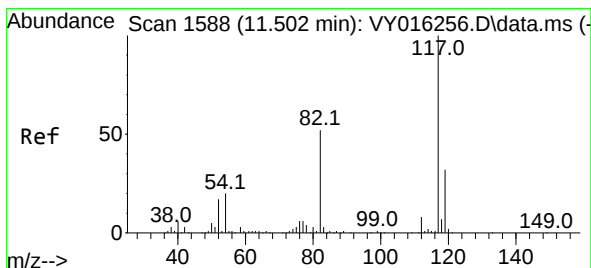
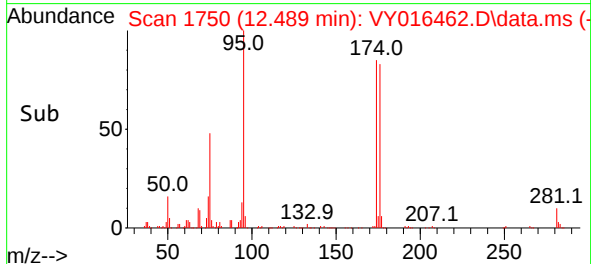
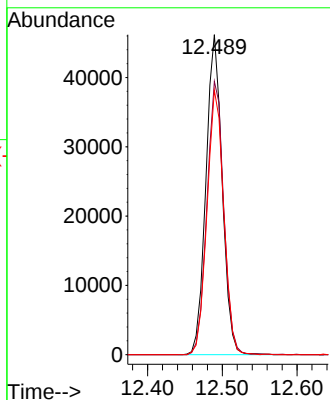
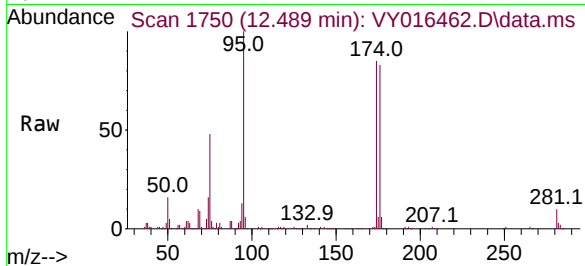




#62
4-Bromofluorobenzene
Concen: 53.870 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

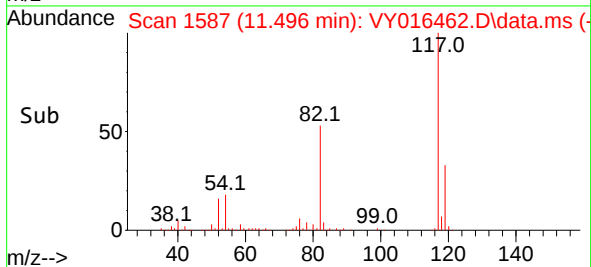
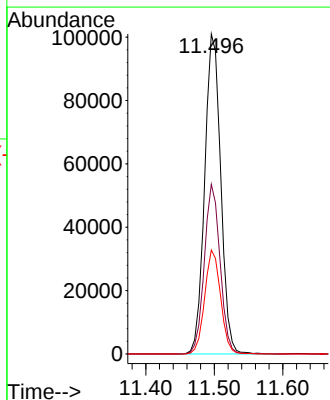
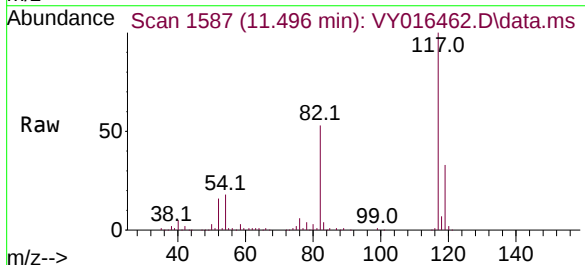
Instrument :
MSVOA_Y
ClientSampleId :

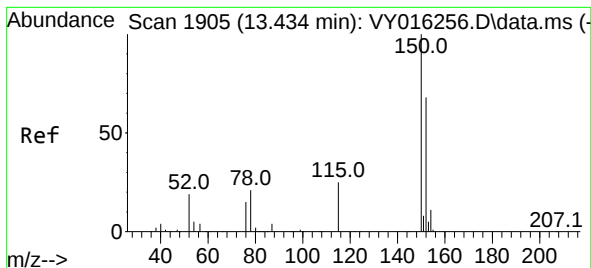
Tgt Ion: 95 Resp: 69572
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 85.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

Tgt Ion: 117 Resp: 165252
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.5 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: VY016462.D

Acq: 22 Nov 2023 15:10

Instrument :

MSVOA_Y

ClientSampleId :

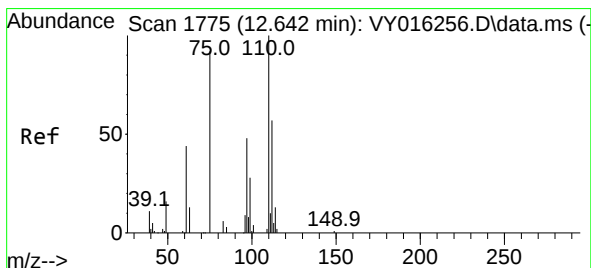
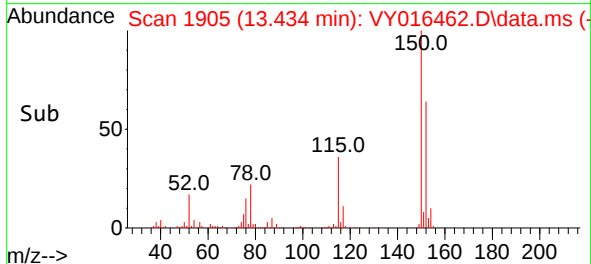
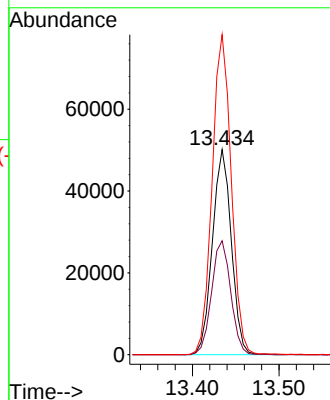
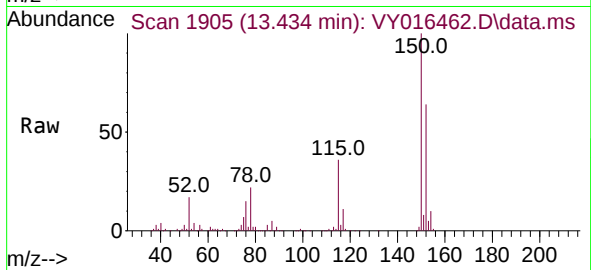
Tgt Ion:152 Resp: 76029

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 157.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.405 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016462.D

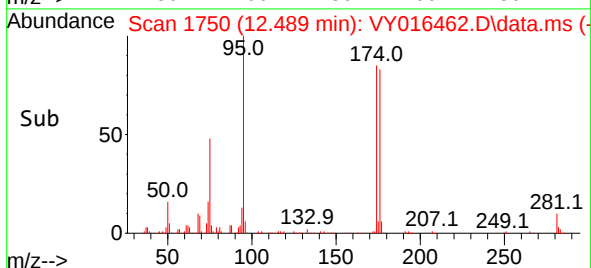
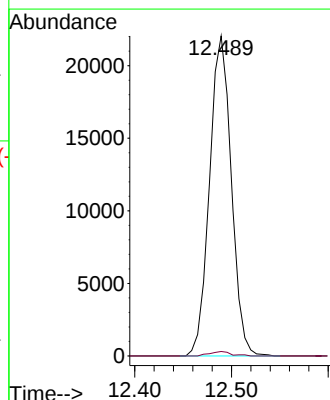
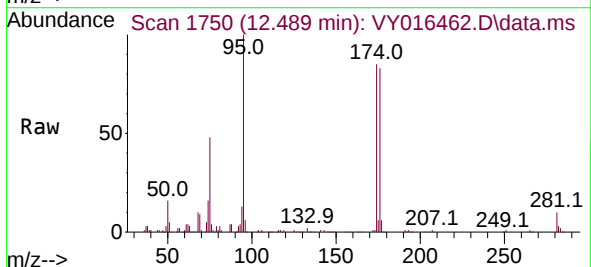
Acq: 22 Nov 2023 15:10

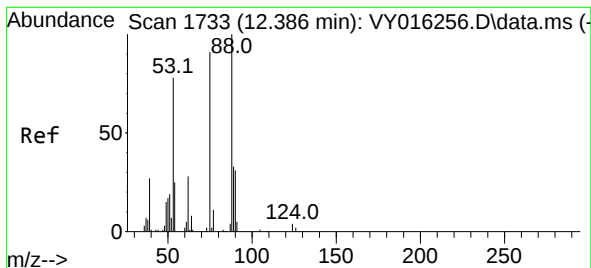
Tgt Ion: 75 Resp: 34574

Ion Ratio Lower Upper

75 100

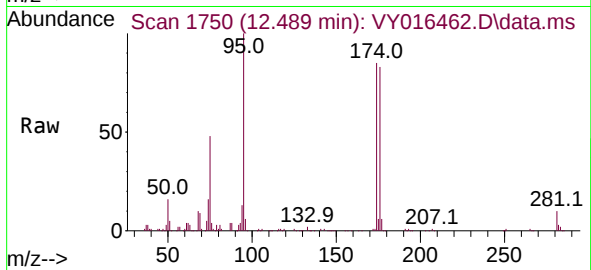
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.896 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016462.D
 Acq: 22 Nov 2023 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 34574
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

