

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013697.D
 Acq On : 10 May 2023 18:51
 Operator : KP/MD
 Sample : 02719-07
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02_10-12_20230509

Quant Time: May 11 03:32:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

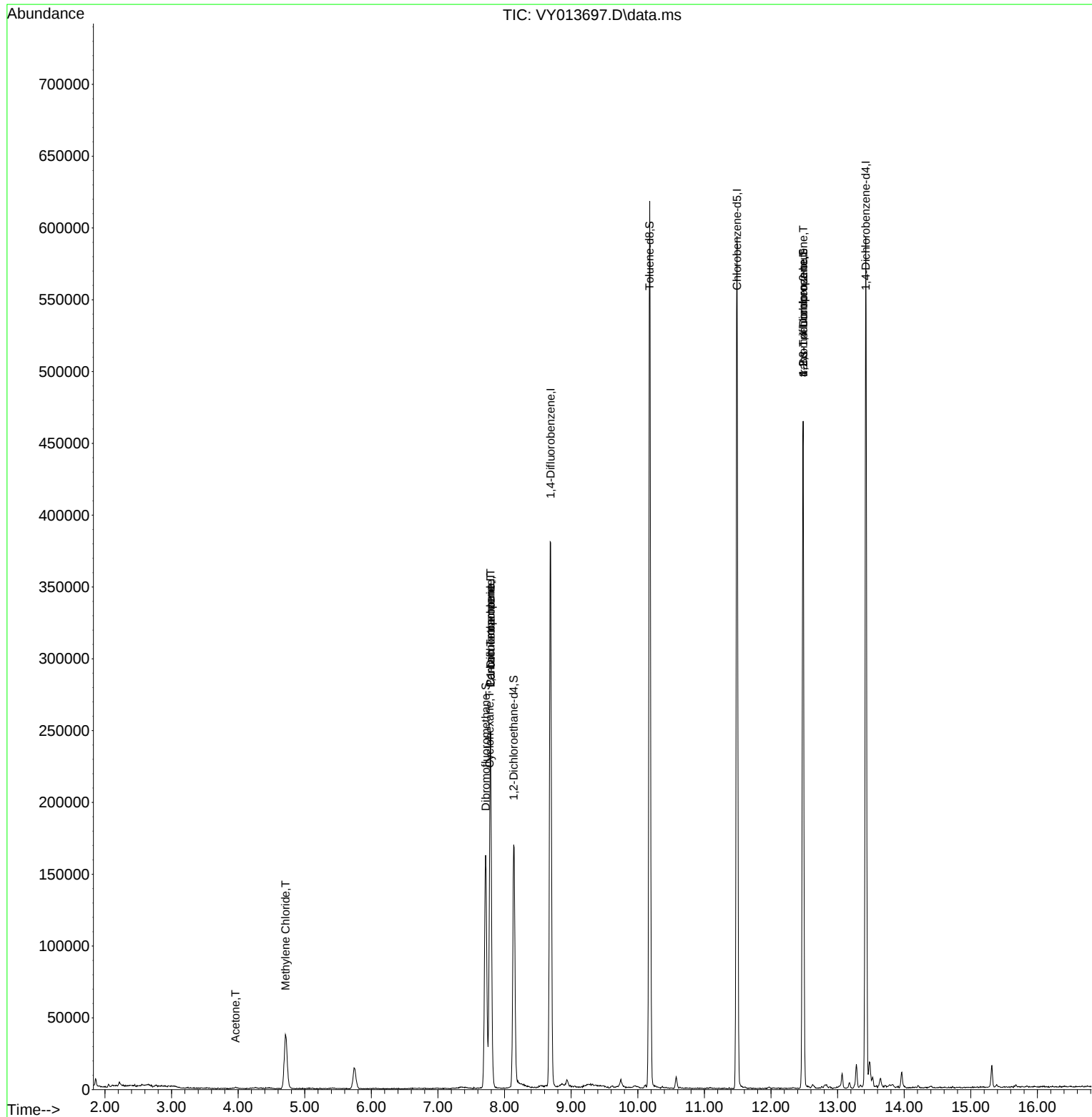
Internal Standards						
1) Pentafluorobenzene	7.789	168	187699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	320555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	313794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	137338	66.747	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.500%			
35) Dibromofluoromethane	7.716	113	111176	55.143	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.280%			
50) Toluene-d8	10.179	98	397645	55.442	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.880%			
62) 4-Bromofluorobenzene	12.483	95	130487	53.966	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.940%			
Target Compounds						
13) Acrolein	3.528	56	31	Below Cal	Qvalue #	16
16) Acetone	3.960	43	1823	2.250	ug/l #	79
20) Methylene Chloride	4.710	84	28550	3.767	ug/l	87
31) Cyclohexane	7.777	56	4542	1.233	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	14028	4.192	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18054	5.148	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	71084	35.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71084	72.047	ug/l #	13

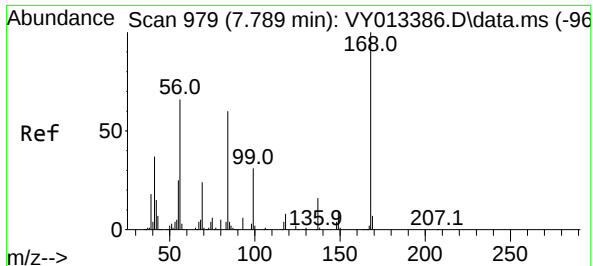
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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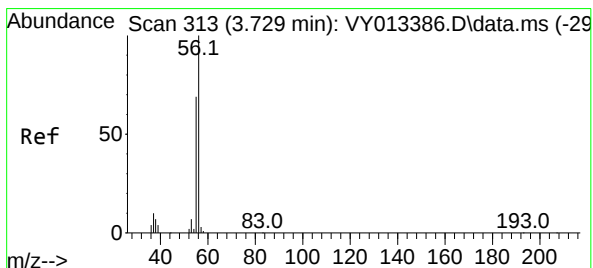
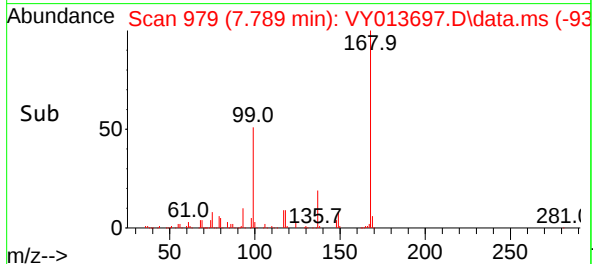
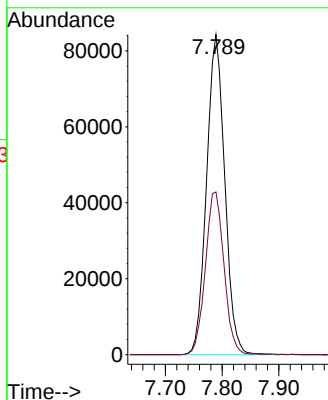
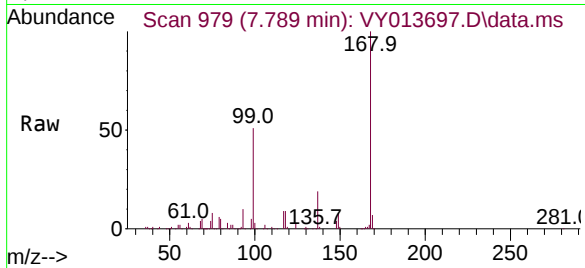




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

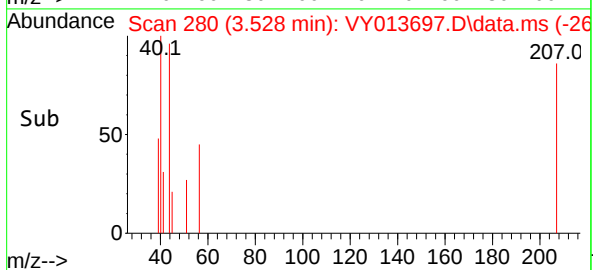
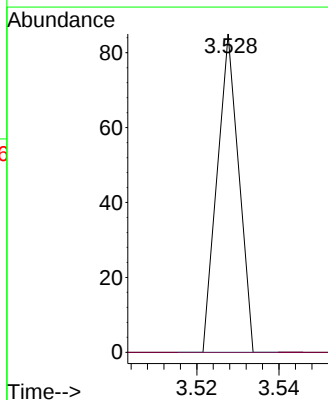
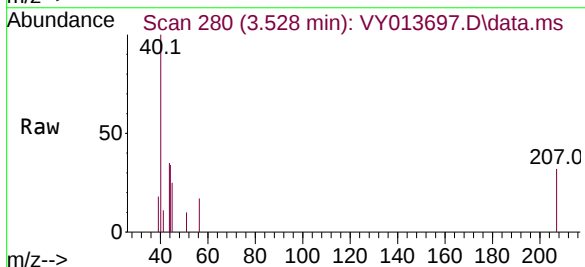
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_10-12_20230509

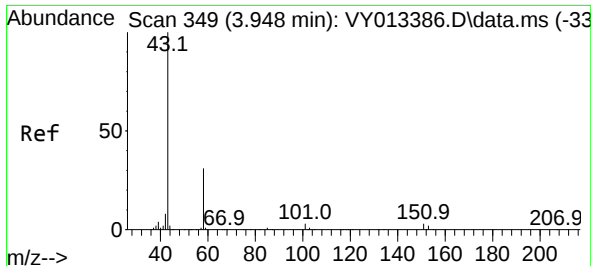
Tgt Ion:168 Resp: 187699
Ion Ratio Lower Upper
168 100
99 50.9 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.528 min Scan# 280
Delta R.T. -0.201 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

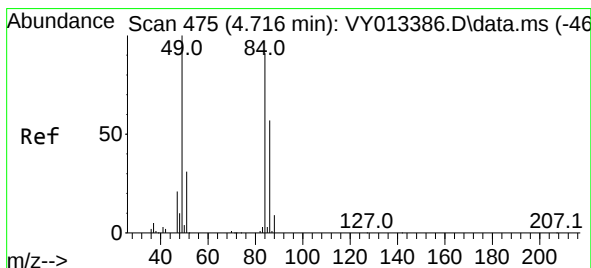
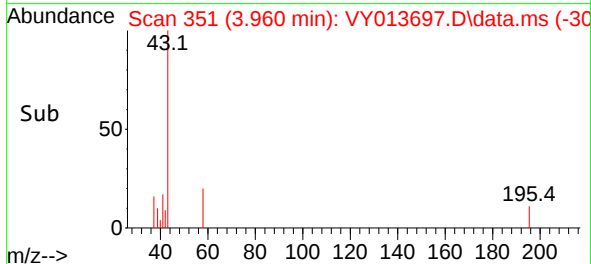
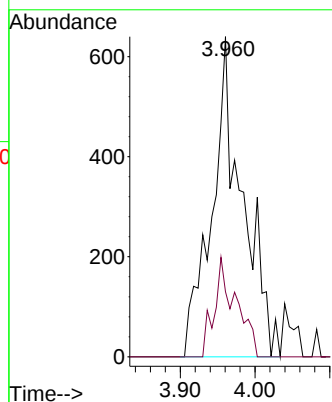
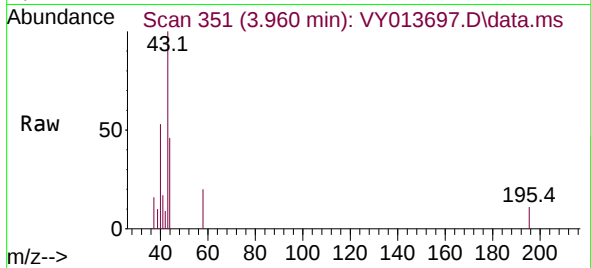




#16
Acetone
Concen: 2.250 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

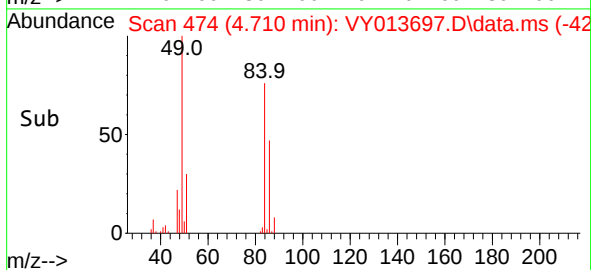
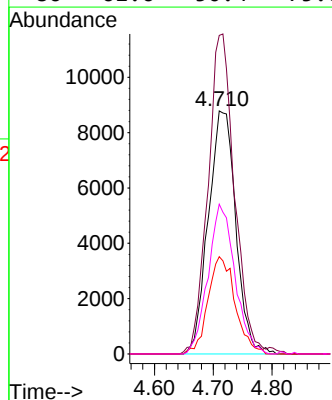
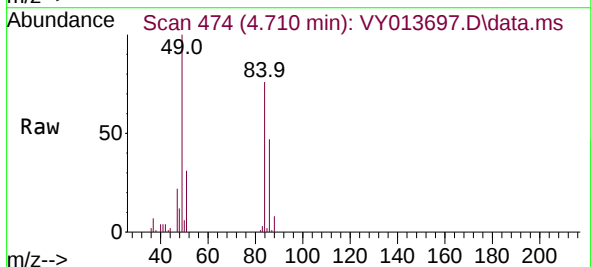
Instrument :
MSVOA_Y
ClientSampleId :
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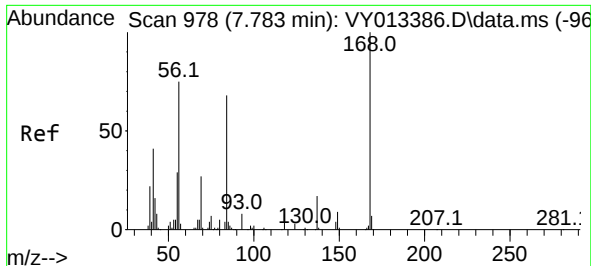
Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
58 20.3 25.4 38.0#



#20
Methylene Chloride
Concen: 3.767 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

Tgt Ion: 84 Resp: 28550
Ion Ratio Lower Upper
84 100
49 131.1 88.0 132.0
51 40.0 27.4 41.0
86 61.6 50.4 75.6

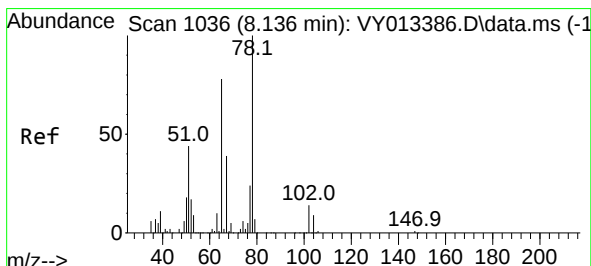
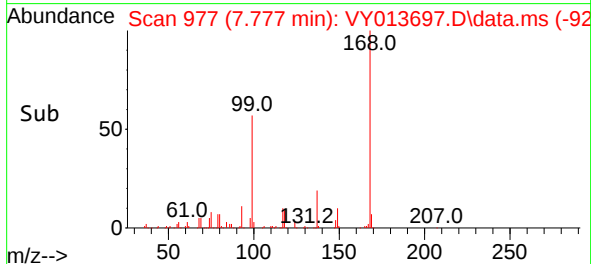
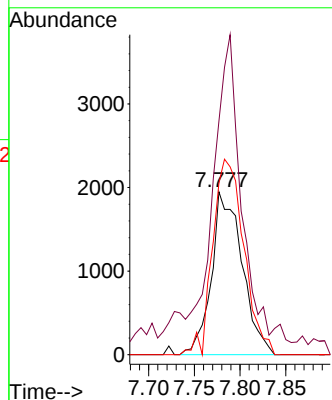
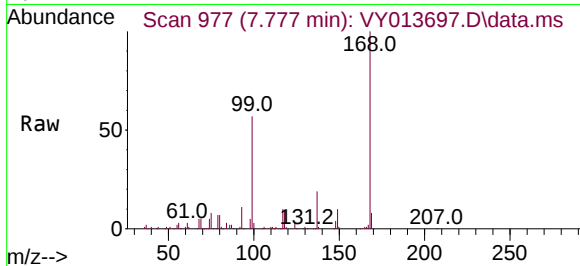




#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

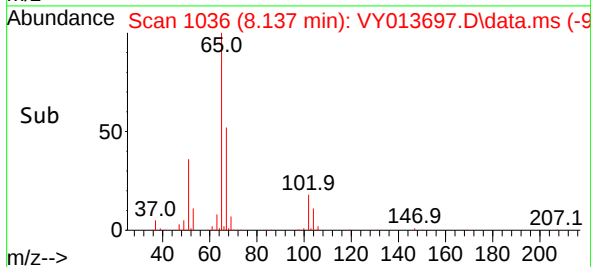
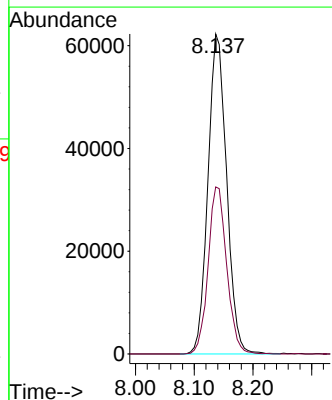
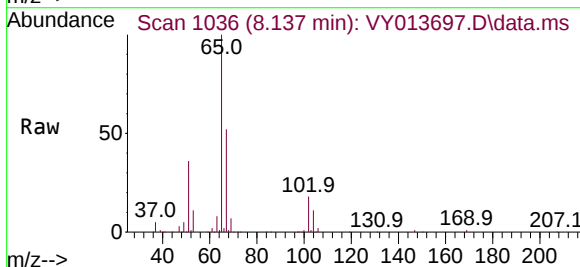
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_10-12_20230509

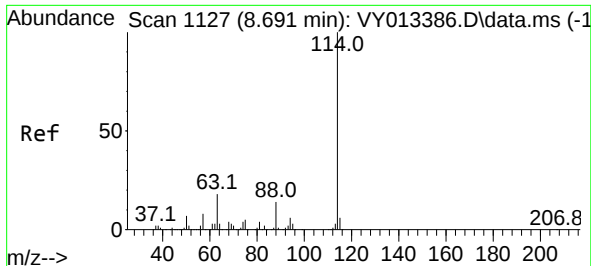
Tgt Ion: 56 Resp: 4542
Ion Ratio Lower Upper
56 100
69 124.7 29.2 43.8#
84 105.4 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 66.747 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

Tgt Ion: 65 Resp: 137338
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013697.D

Acq: 10 May 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02_10-12_20230509

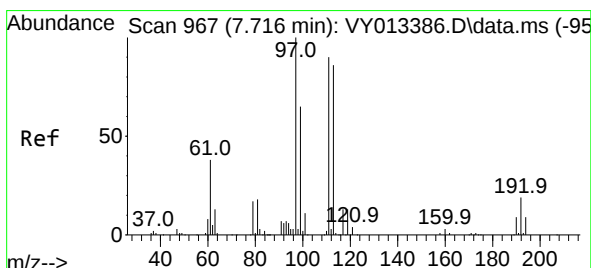
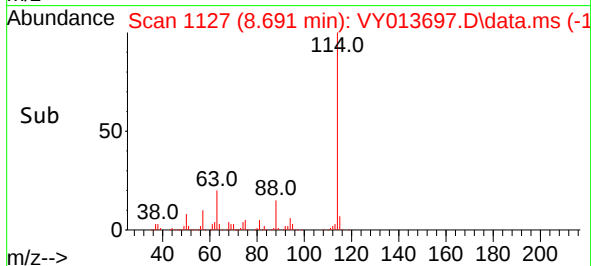
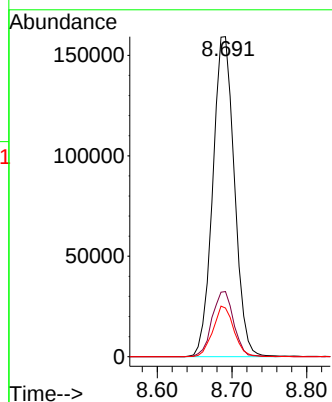
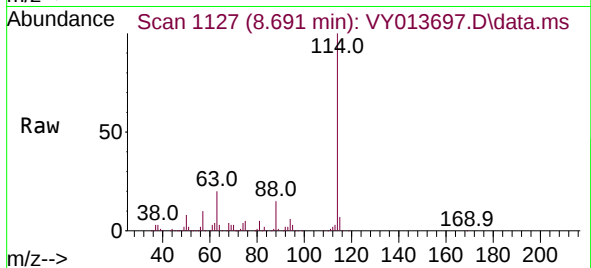
Tgt Ion:114 Resp: 320555

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.143 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013697.D

Acq: 10 May 2023 18:51

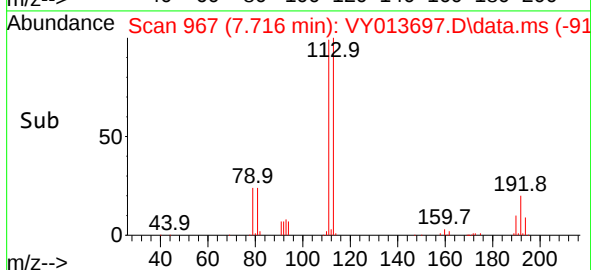
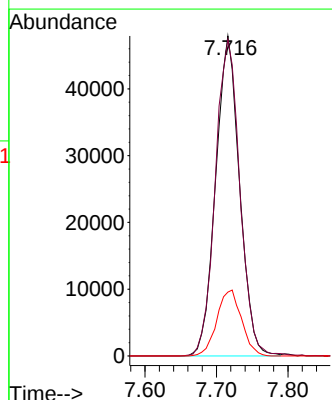
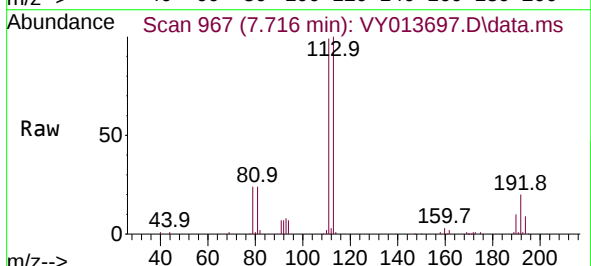
Tgt Ion:113 Resp: 111176

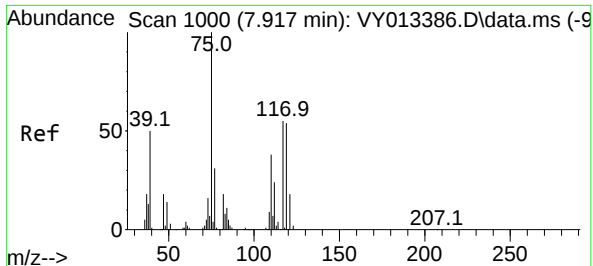
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 21.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.192 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013697.D

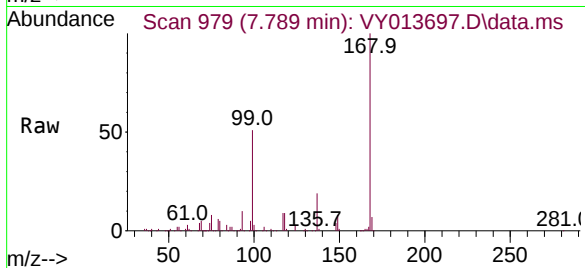
Acq: 10 May 2023 18:51

Instrument :

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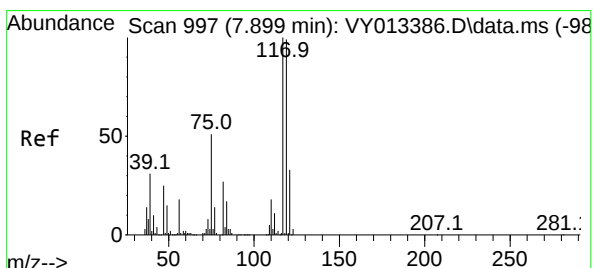
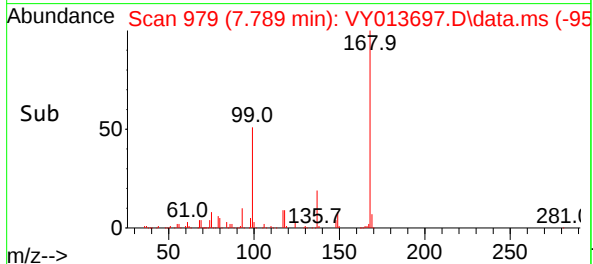
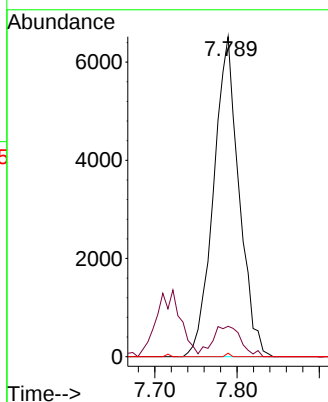
Tgt Ion: 75 Resp: 14028

Ion Ratio Lower Upper

75 100

110 10.7 18.7 56.1#

77 0.2 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.148 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013697.D

Acq: 10 May 2023 18:51

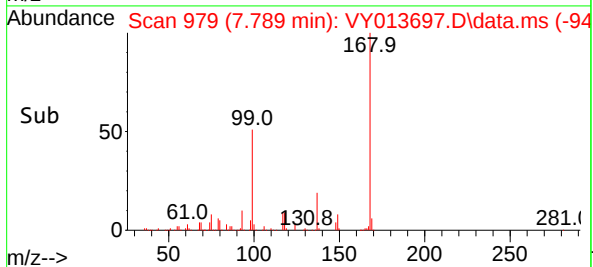
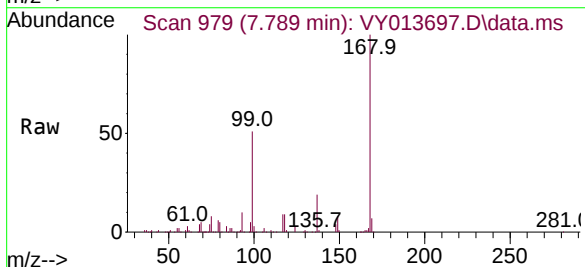
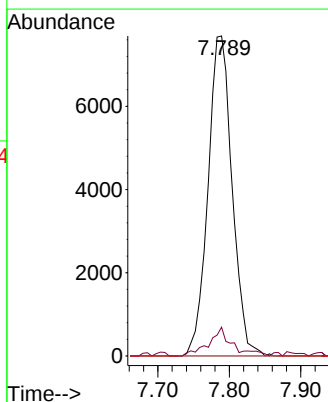
Tgt Ion: 117 Resp: 18054

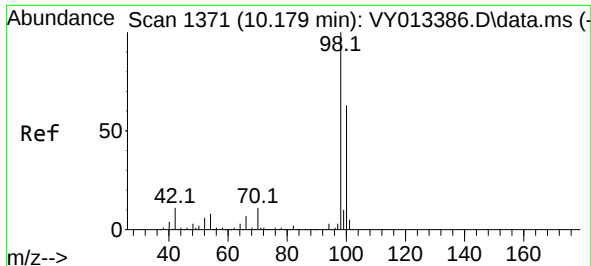
Ion Ratio Lower Upper

117 100

119 9.0 79.0 118.6#

121 0.0 26.6 40.0#

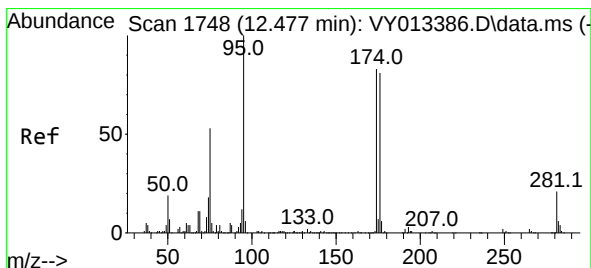
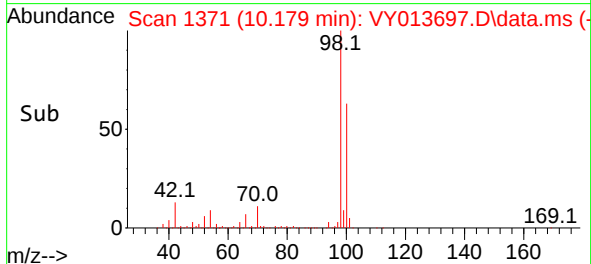
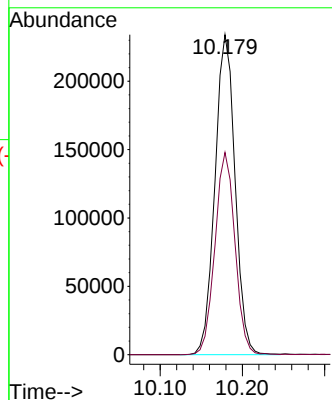
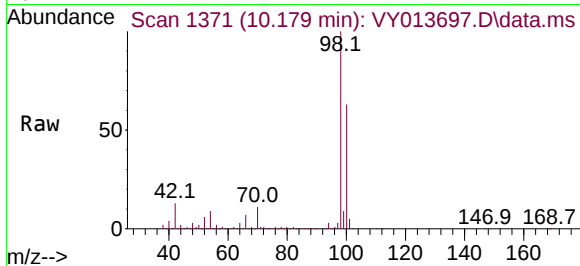




#50
Toluene-d8
Concen: 55.442 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

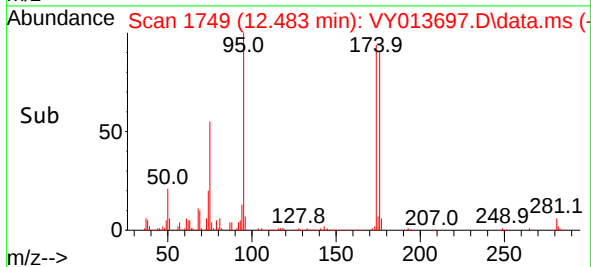
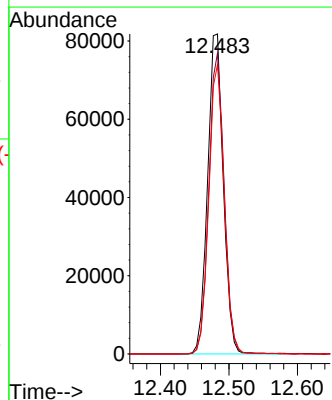
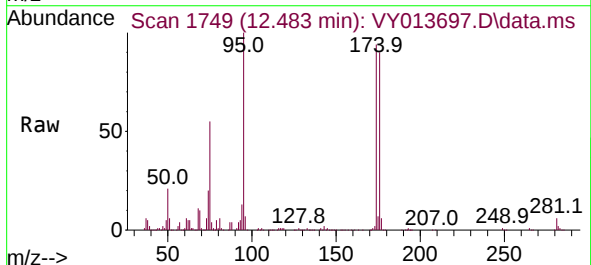
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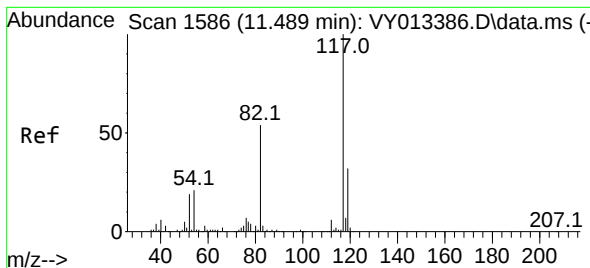
Tgt Ion: 98 Resp: 397645
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.966 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

Tgt Ion: 95 Resp: 130487
Ion Ratio Lower Upper
95 100
174 92.4 0.0 182.0
176 89.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013697.D

Acq: 10 May 2023 18:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-02_10-12_20230509

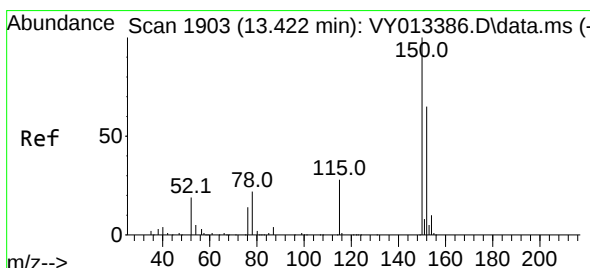
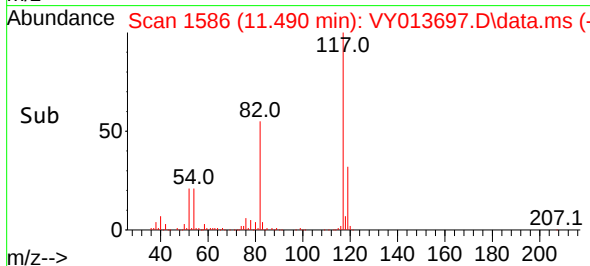
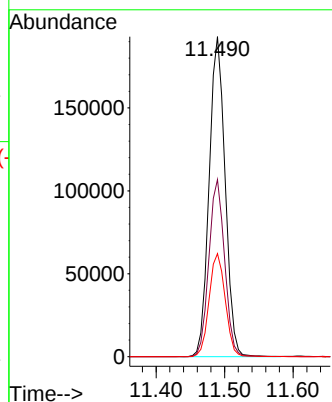
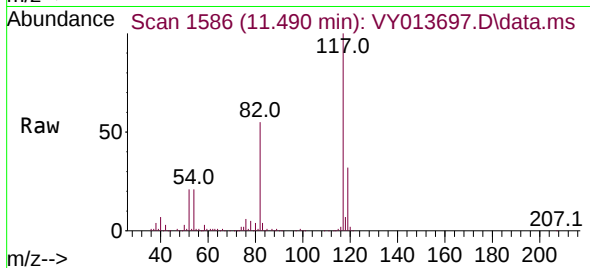
Tgt Ion:117 Resp: 313794

Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.6

119 32.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013697.D

Acq: 10 May 2023 18:51

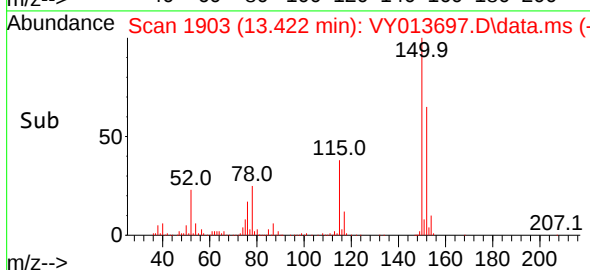
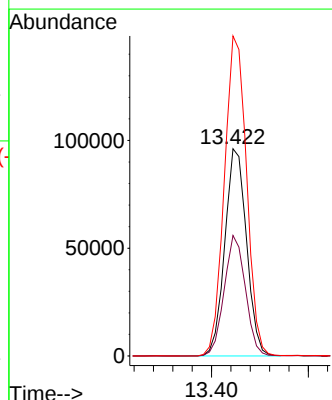
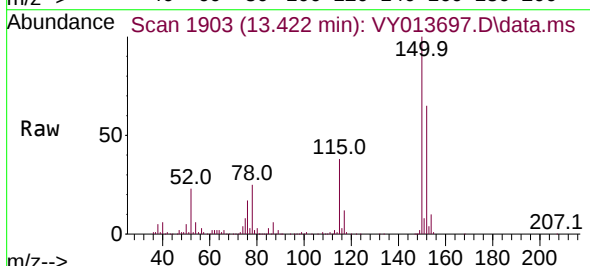
Tgt Ion:152 Resp: 149651

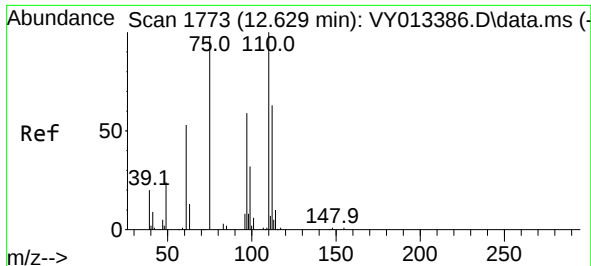
Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

150 158.1 0.0 352.0

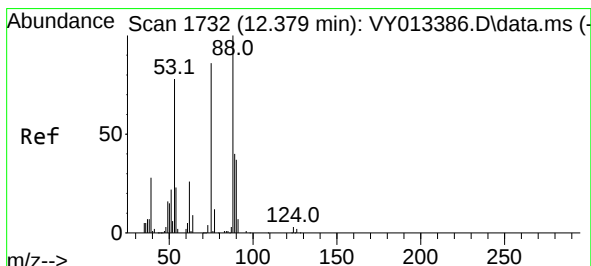
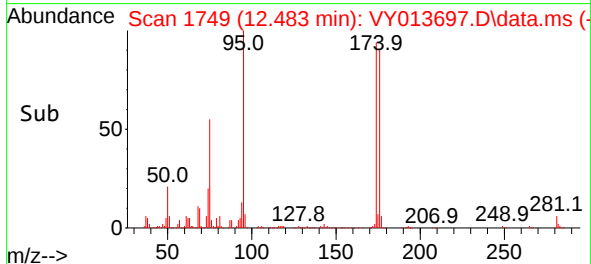
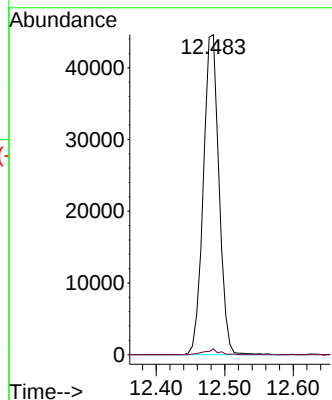
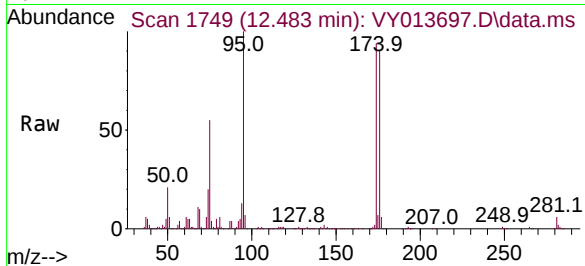




#76
1,2,3-Trichloropropane
Concen: 35.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-02_10-12_20230509

Tgt Ion: 75 Resp: 71084
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.047 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013697.D
Acq: 10 May 2023 18:51

Tgt Ion: 75 Resp: 71084
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.0 38.0 57.0#

