

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013705.D
 Acq On : 11 May 2023 10:20
 Operator : KP/MD
 Sample : VY0511SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBL01

Quant Time: May 12 04:37:54 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)

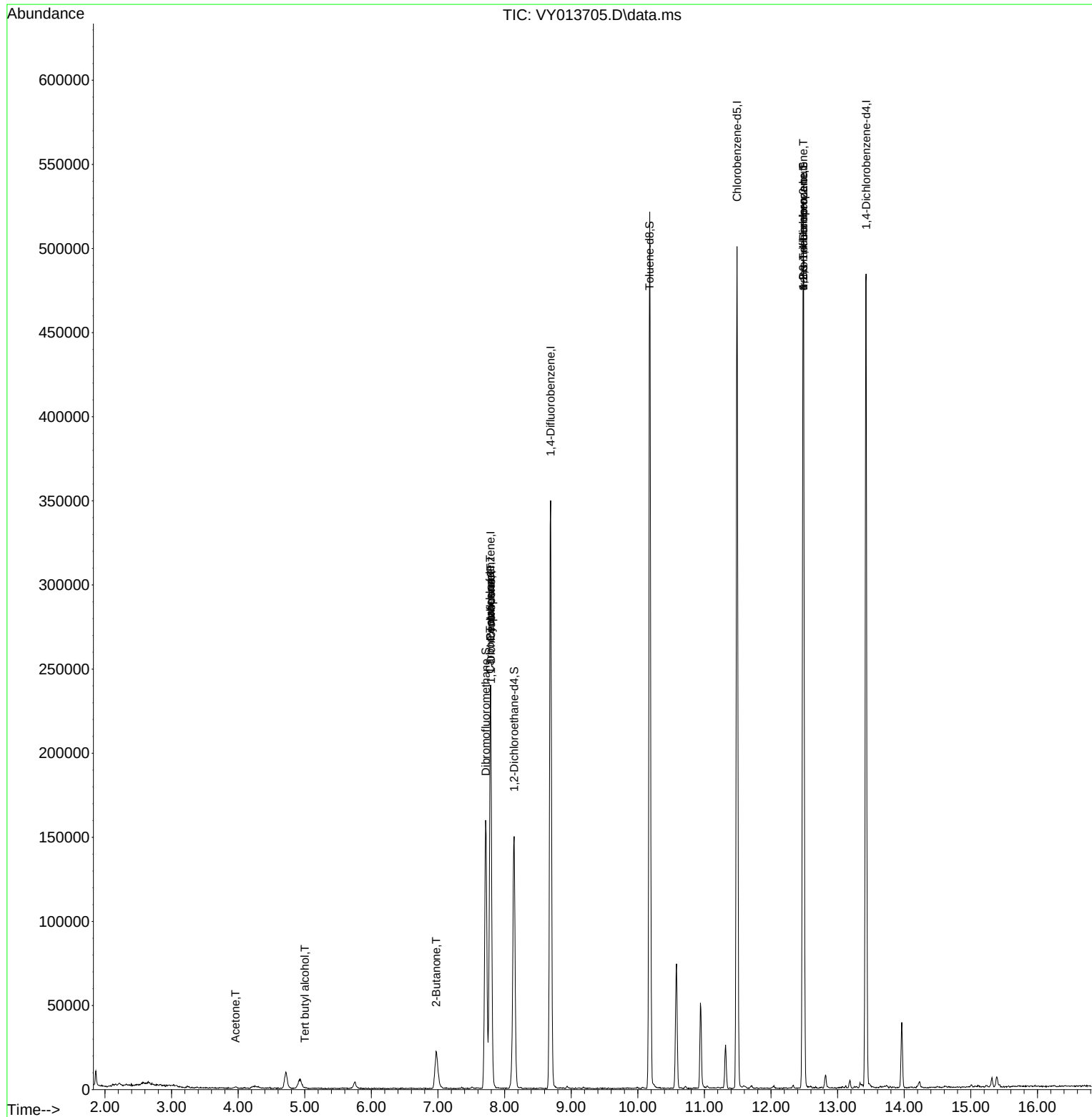
Internal Standards						
1) Pentafluorobenzene	7.789	168	184889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119874	59.145	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 118.280%		
35) Dibromofluoromethane	7.716	113	109590	59.701	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 119.400%		
50) Toluene-d8	10.179	98	333723	51.105	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 102.200%		
62) 4-Bromofluorobenzene	12.483	95	114992	52.234	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 104.460%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.003	59	265	1.808	ug/l #	89
13) Acrolein	3.650	56	55	Below Cal	#	61
16) Acetone	3.960	43	1030	1.290	ug/l	93
20) Methylene Chloride	4.722	84	6607	Below Cal	#	84
25) 2-Butanone	6.972	43	1955	1.931	ug/l #	77
31) Cyclohexane	7.789	56	4316	1.189	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	14070	4.618	ug/l #	50
38) Carbon Tetrachloride	7.783	117	18084	5.663	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	62206	36.945	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62206	75.573	ug/l #	13

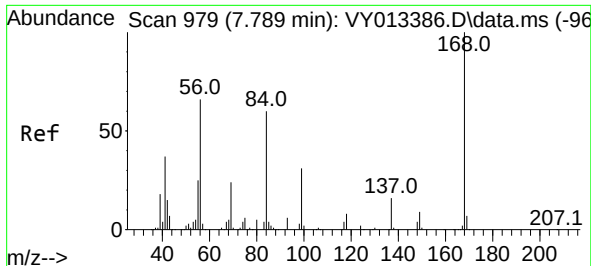
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
Data File : VY013705.D
Acq On : 11 May 2023 10:20
Operator : KP/MD
Sample : VY0511SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

Quant Time: May 12 04:37:54 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

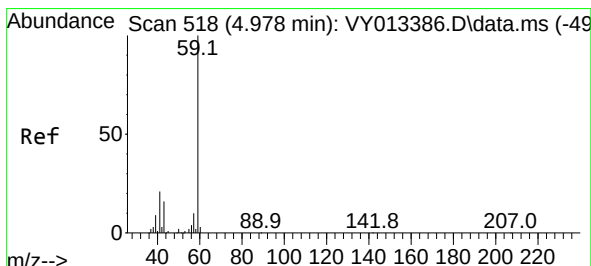
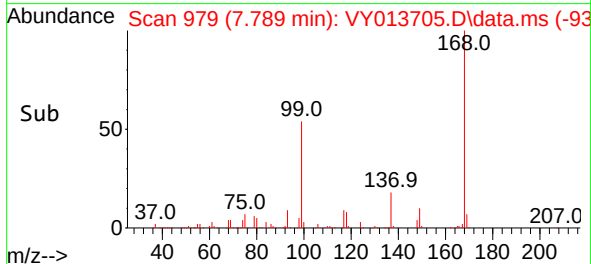
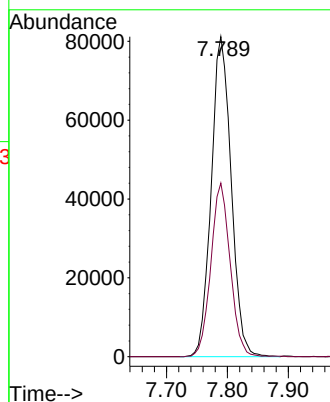
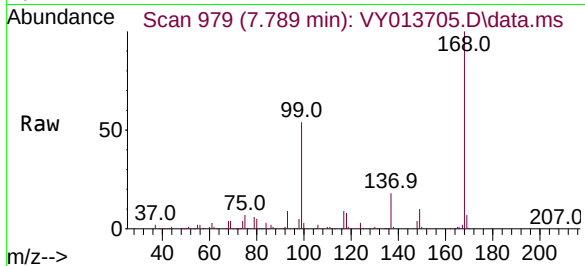




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

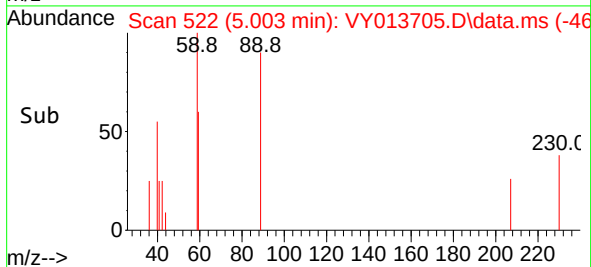
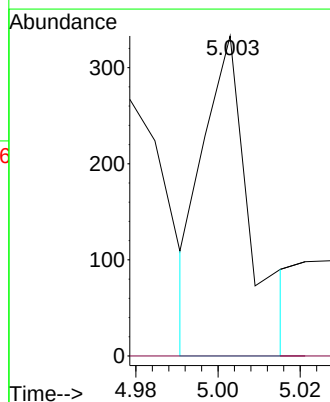
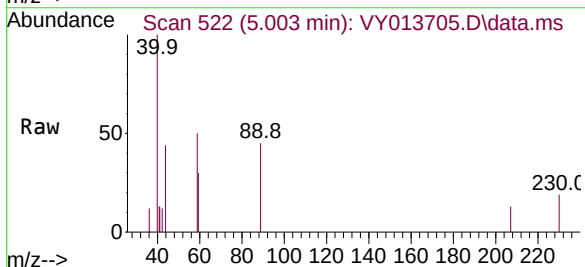
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

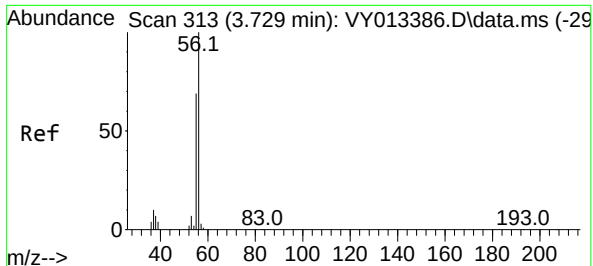
Tgt Ion:168 Resp: 184889
Ion Ratio Lower Upper
168 100
99 54.2 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.808 ug/l
RT: 5.003 min Scan# 522
Delta R.T. 0.025 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

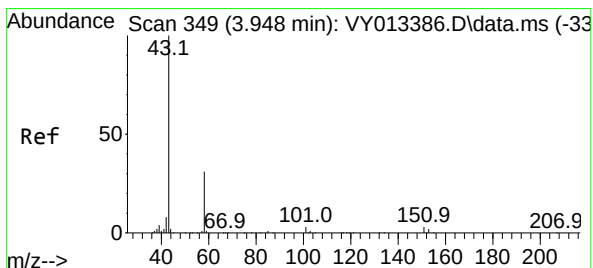
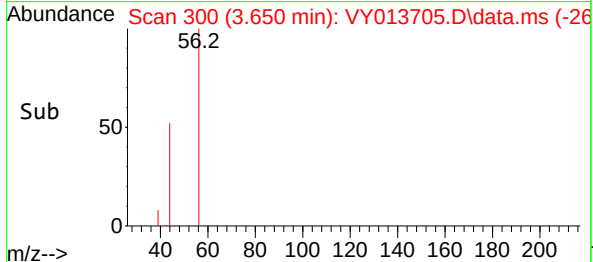
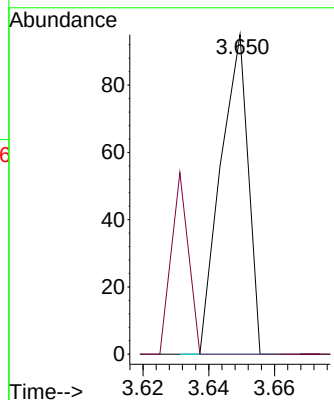
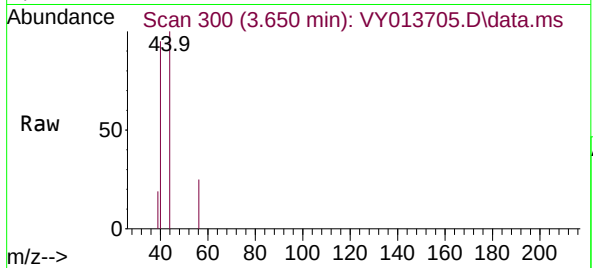




#13
Acrolein
Concen: Below Cal
RT: 3.650 min Scan# 30
Delta R.T. -0.079 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

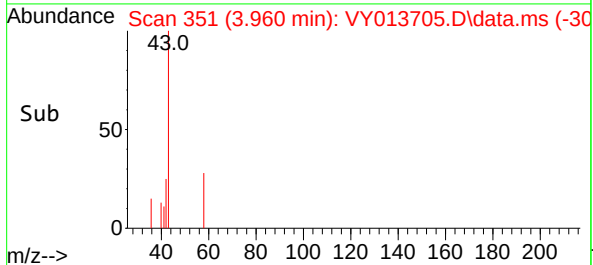
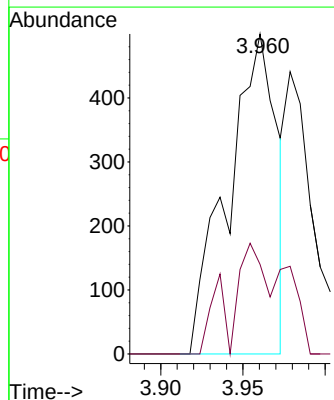
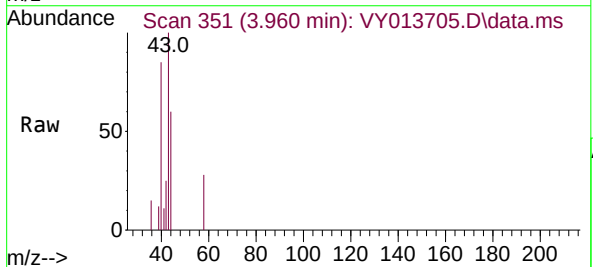
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

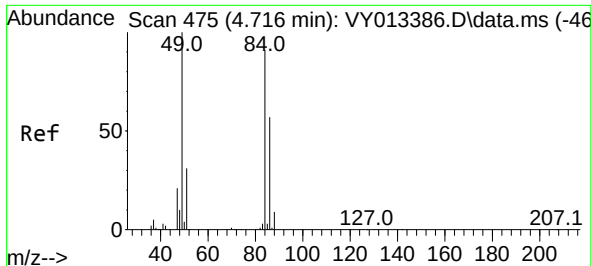
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 36.4 54.1 81.1#



#16
Acetone
Concen: 1.290 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 28.0 25.4 38.0

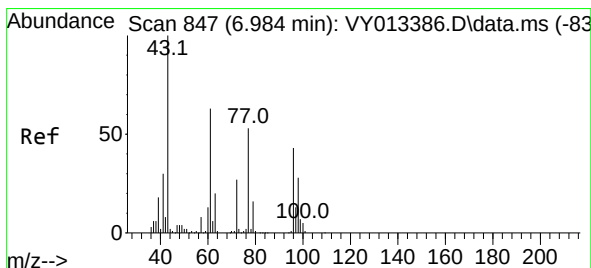
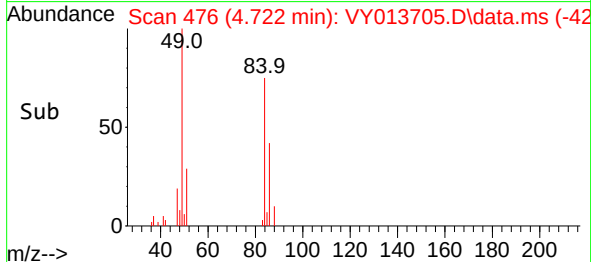
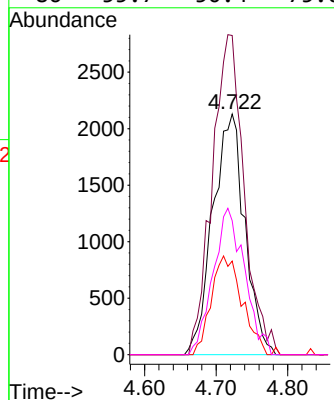
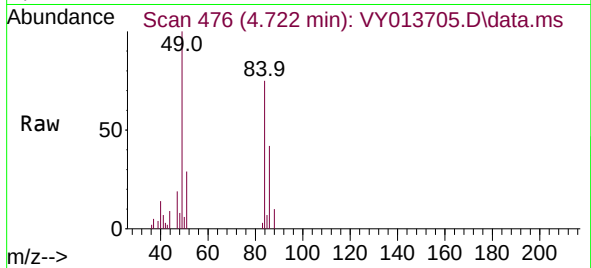




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

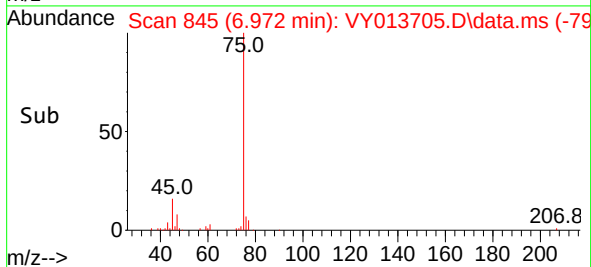
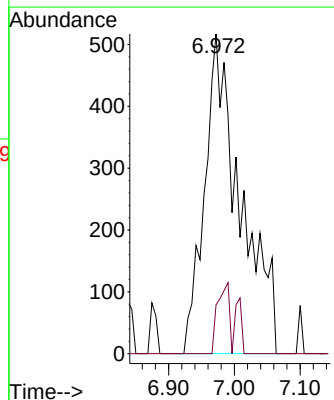
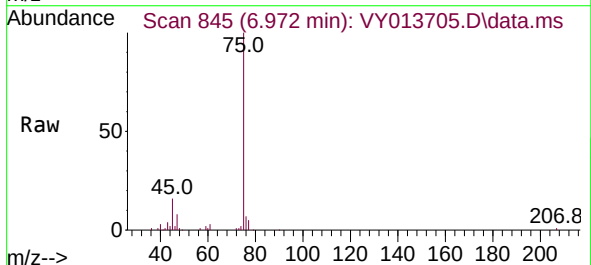
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

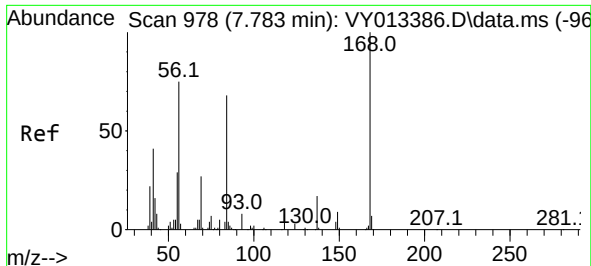
Tgt Ion:	84	Resp:	6607
Ion	Ratio	Lower	Upper
84	100		
49	132.7	88.0	132.0#
51	38.9	27.4	41.0
86	55.7	50.4	75.6



#25
2-Butanone
Concen: 1.931 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

Tgt Ion:	43	Resp:	1955
Ion	Ratio	Lower	Upper
43	100		
72	15.3	21.9	32.9#

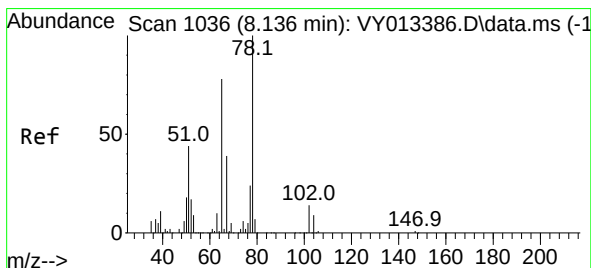
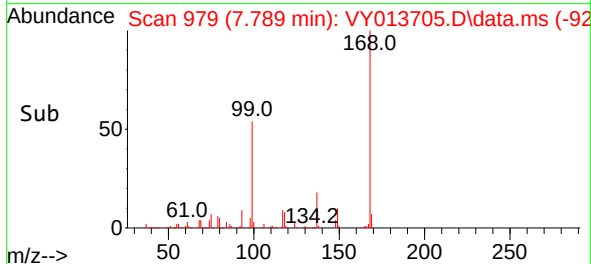
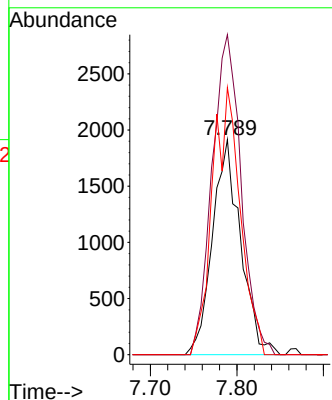
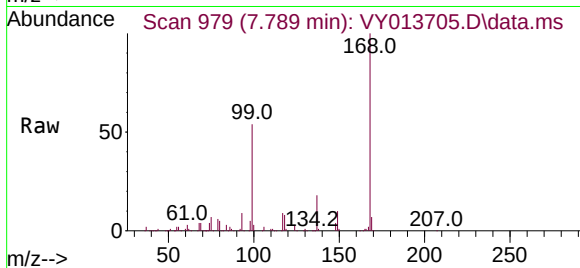




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

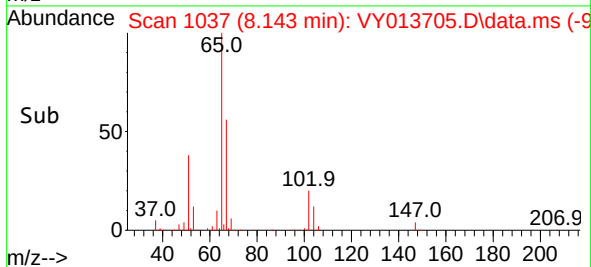
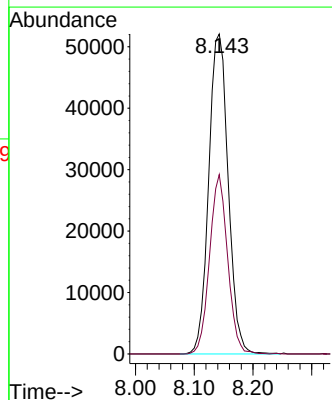
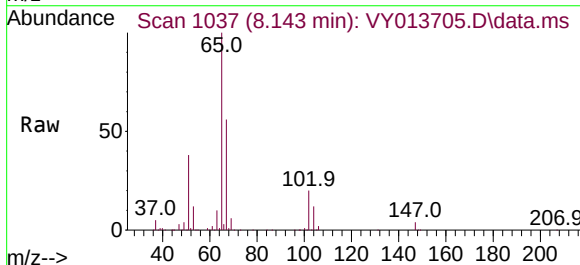
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

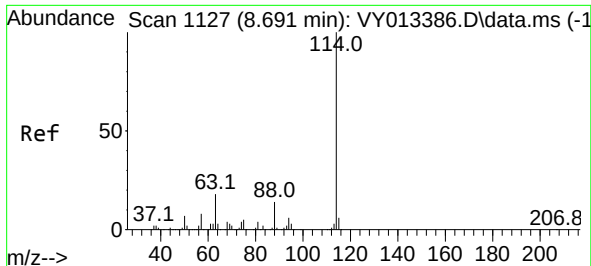
Tgt Ion: 56 Resp: 4316
Ion Ratio Lower Upper
56 100
69 148.8 29.2 43.8#
84 124.2 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 59.145 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

Tgt Ion: 65 Resp: 119874
Ion Ratio Lower Upper
65 100
67 51.9 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: VY013705.D

Acq: 11 May 2023 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBL01

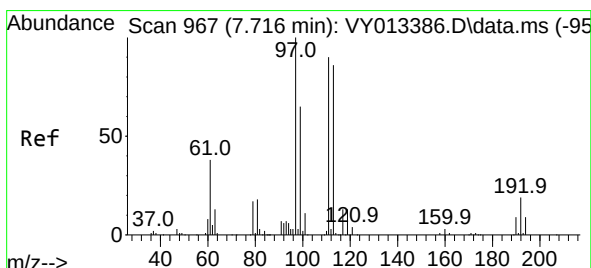
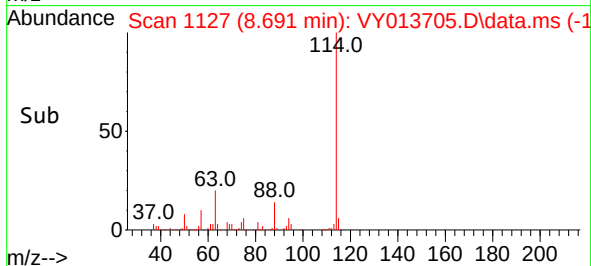
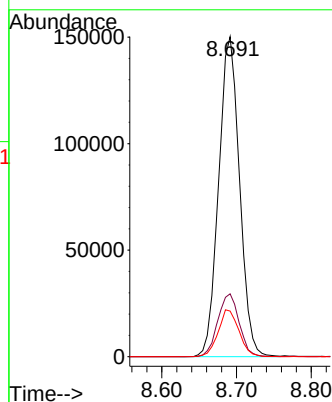
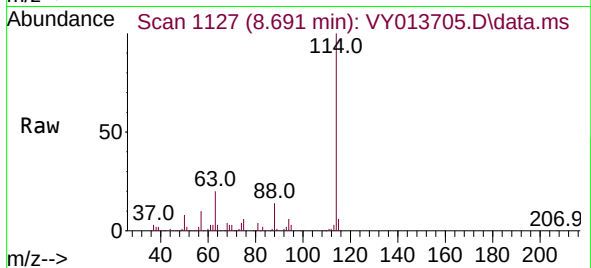
Tgt Ion:114 Resp: 291857

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

88 14.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 59.701 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013705.D

Acq: 11 May 2023 10:20

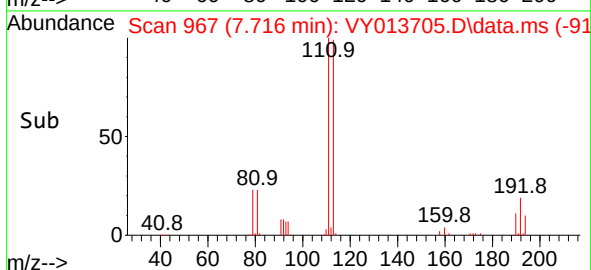
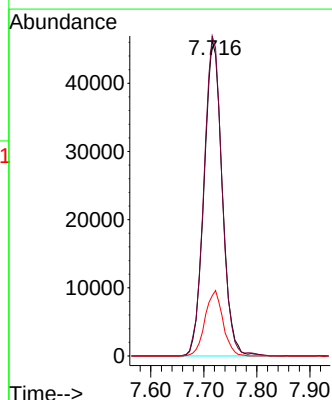
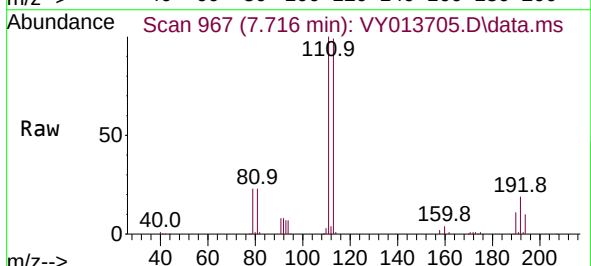
Tgt Ion:113 Resp: 109590

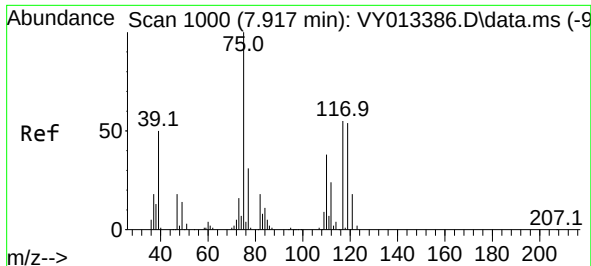
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 20.5 16.7 25.1

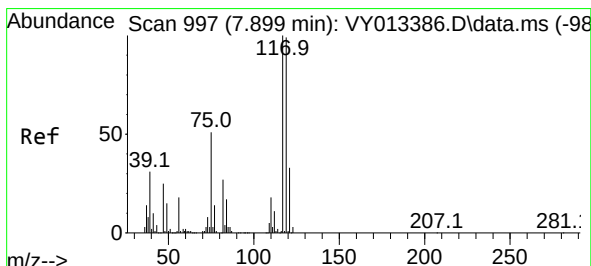
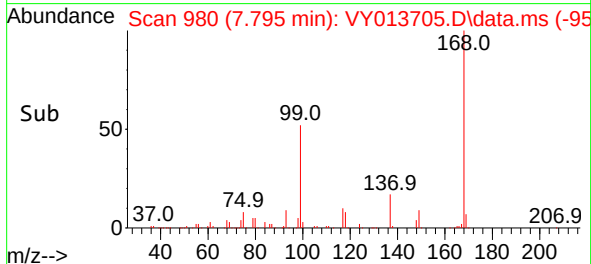
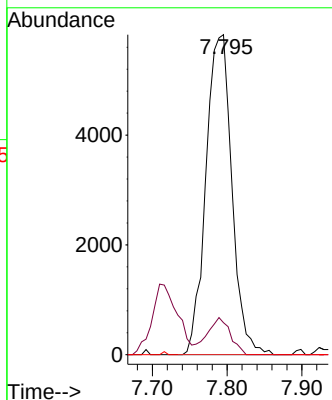
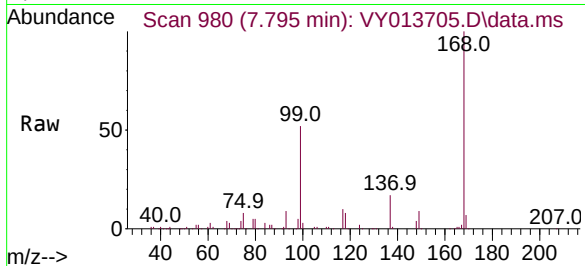




#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

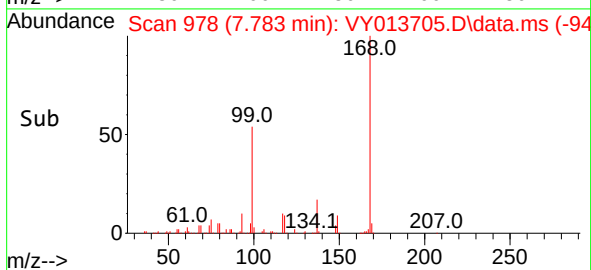
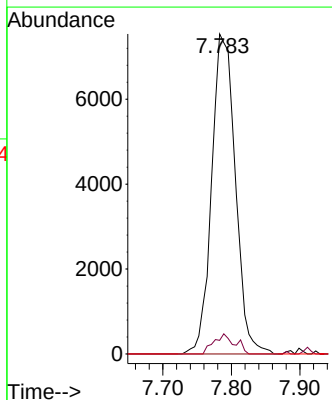
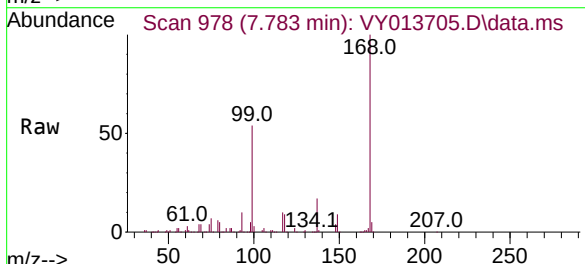
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

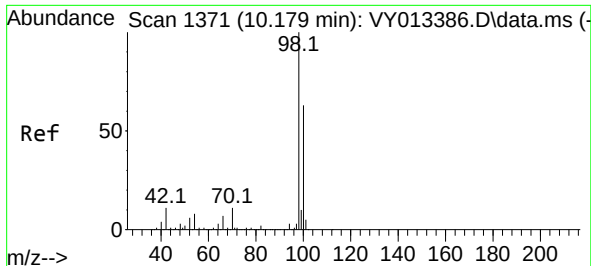
Tgt Ion: 75 Resp: 14070
Ion Ratio Lower Upper
75 100
110 10.1 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.663 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

Tgt Ion: 117 Resp: 18084
Ion Ratio Lower Upper
117 100
119 4.2 79.0 118.6#
121 0.0 26.6 40.0#

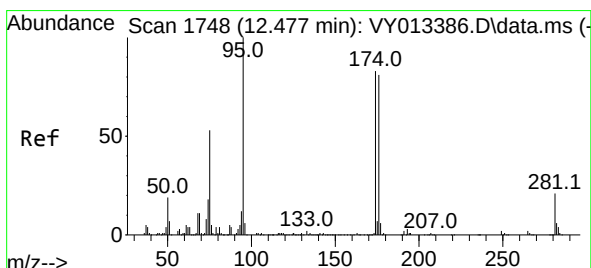
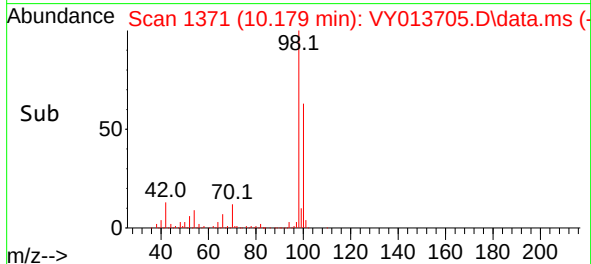
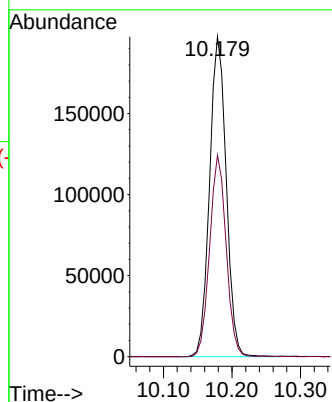
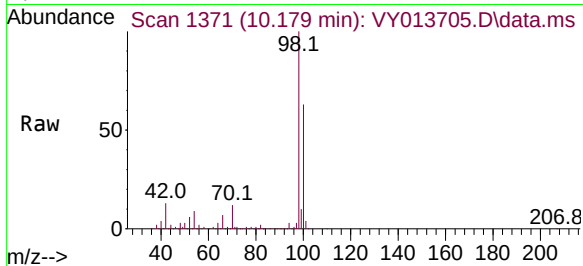




#50
Toluene-d8
Concen: 51.105 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

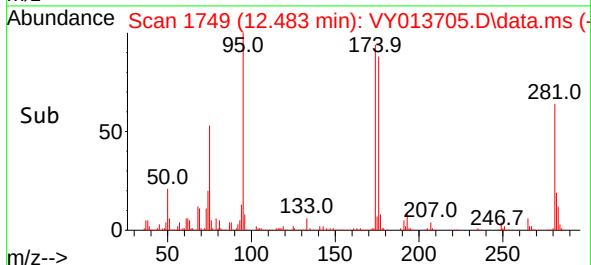
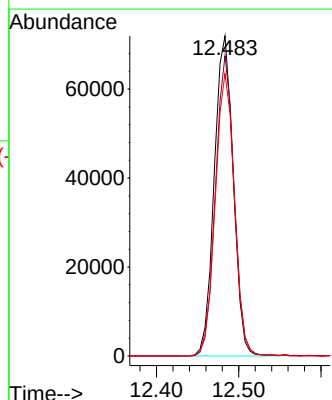
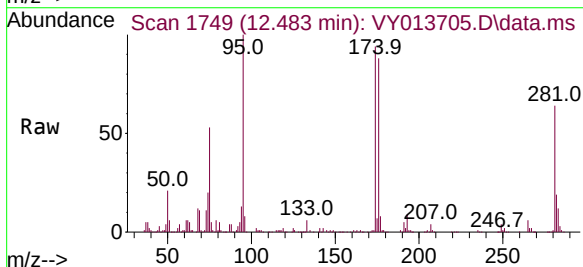
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

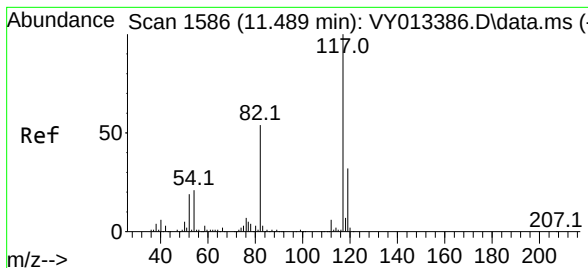
Tgt Ion: 98 Resp: 333723
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013705.D
Acq: 11 May 2023 10:20

Tgt Ion: 95 Resp: 114992
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.0
176 88.9 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: VY013705.D

Acq: 11 May 2023 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBL01

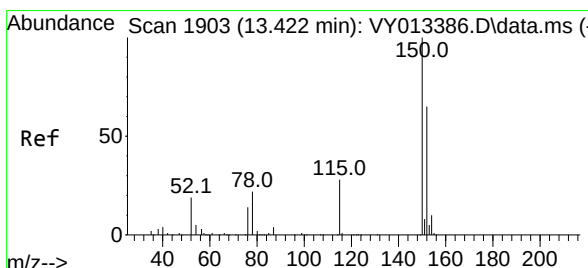
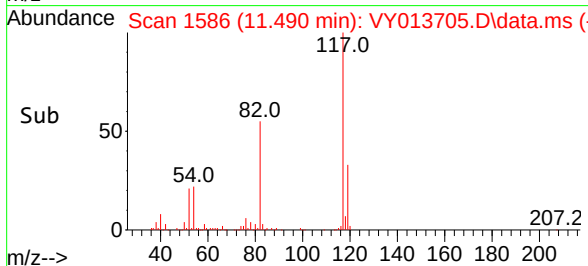
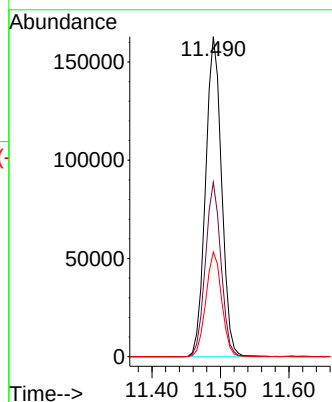
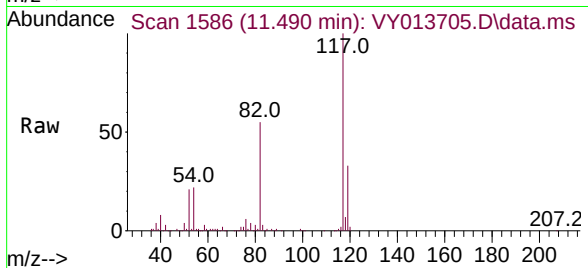
Tgt Ion:117 Resp: 265610

Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.6

119 32.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013705.D

Acq: 11 May 2023 10:20

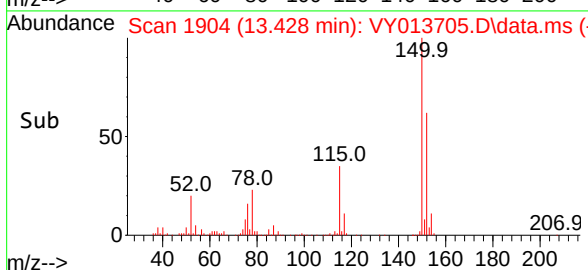
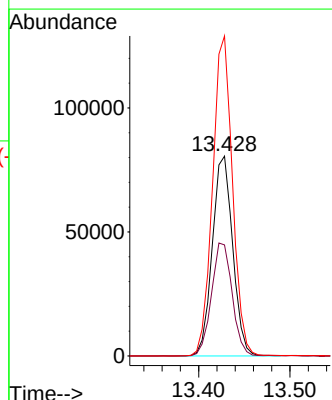
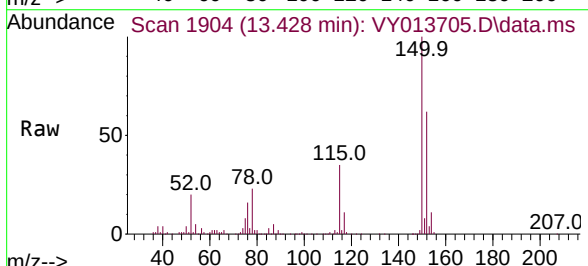
Tgt Ion:152 Resp: 124849

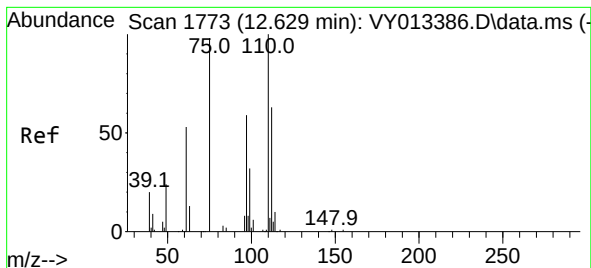
Ion Ratio Lower Upper

152 100

115 57.4 28.1 84.2

150 156.2 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 36.945 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013705.D

Acq: 11 May 2023 10:20

Instrument :

MSVOA_Y

ClientSampleId :

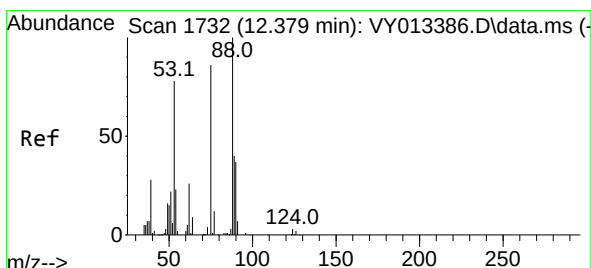
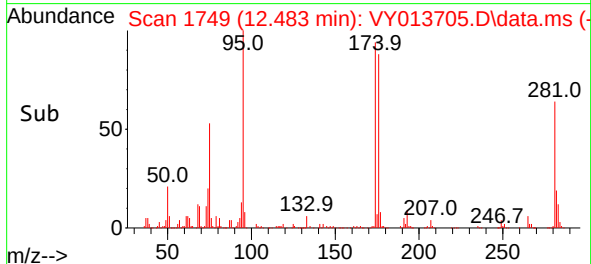
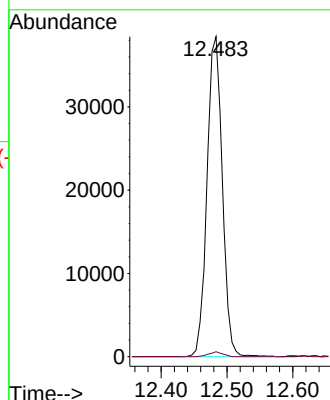
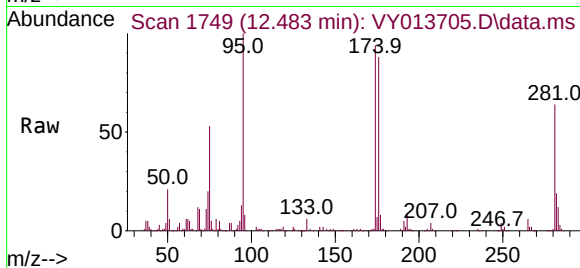
VY0511SBL01

Tgt Ion: 75 Resp: 62206

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.573 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY013705.D

Acq: 11 May 2023 10:20

Tgt Ion: 75 Resp: 62206

Ion Ratio Lower Upper

75 100

53 0.3 73.2 109.8#

89 0.8 38.0 57.0#

