

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014111.D
 Acq On : 12 Jun 2023 11:38
 Operator : KP/MD
 Sample : VY0612SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBL01

Quant Time: Jun 13 05:38:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

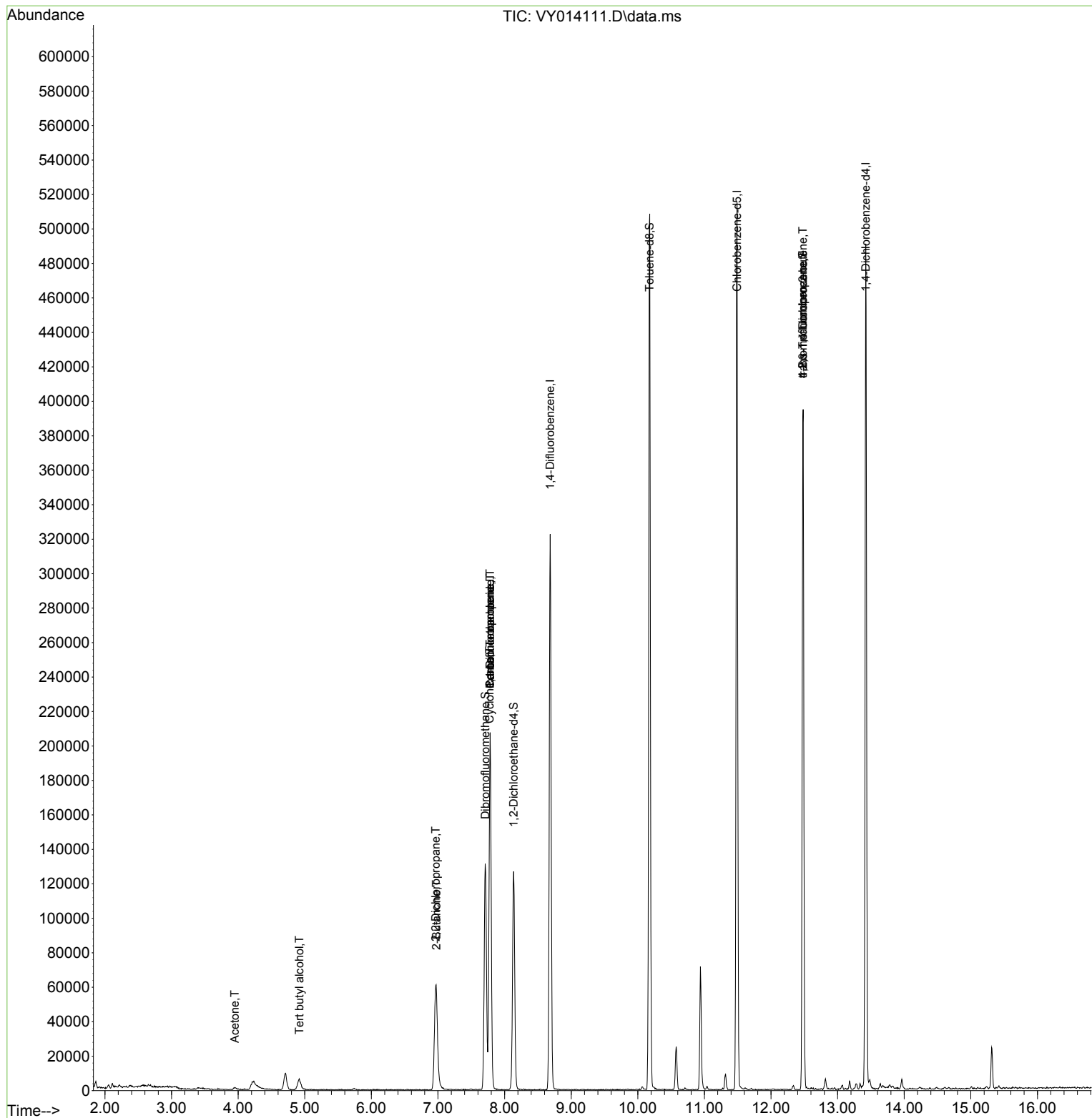
Internal Standards						
1) Pentafluorobenzene	7.783	168	158921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106039	47.916	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.840%		
35) Dibromofluoromethane	7.710	113	90360	47.445	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.900%		
50) Toluene-d8	10.179	98	330700	46.445	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.900%		
62) 4-Bromofluorobenzene	12.477	95	108688	42.971	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.940%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.917	59	5745	2.107	ug/l #	90
16) Acetone	3.948	43	1147	1.719	ug/l	95
20) Methylene Chloride	4.710	84	7285	Below Cal	#	88
25) 2-Butanone	6.978	43	3924	4.779	ug/l #	82
26) 2,2-Dichloropropane	6.966	77	4934	1.447	ug/l #	54
31) Cyclohexane	7.777	56	3509	1.184	ug/l #	25
36) 1,1-Dichloropropene	7.783	75	11708	3.943	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15873	4.633	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	59970	36.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59970	78.606	ug/l #	11

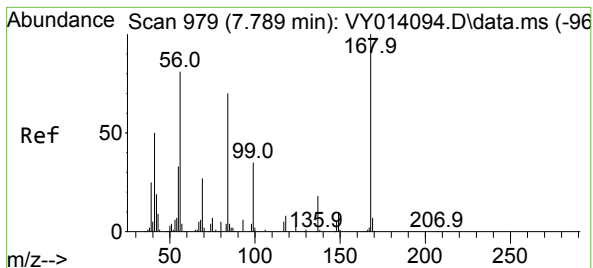
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
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Quant Time: Jun 13 05:38:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014111.D

Acq: 12 Jun 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

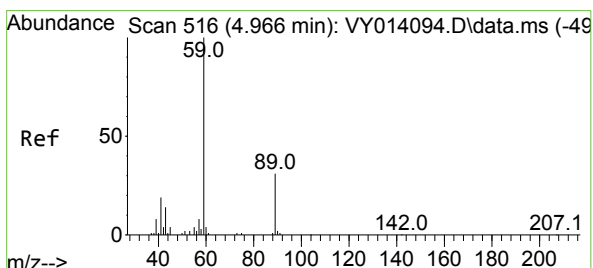
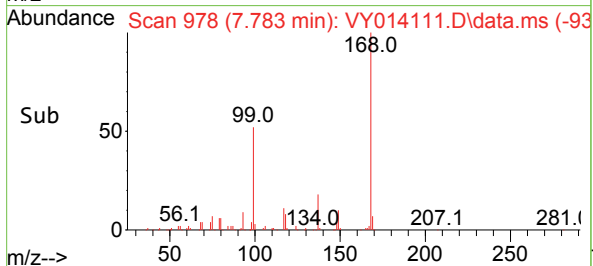
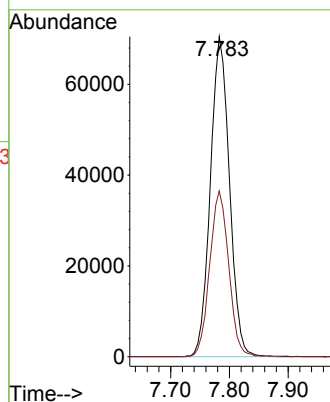
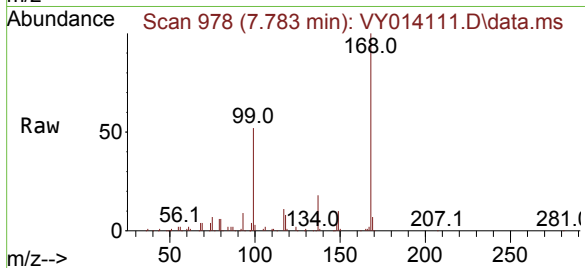
VY0612SBL01

Tgt Ion:168 Resp: 158921

Ion Ratio Lower Upper

168 100

99 51.8 43.4 65.0



#11

Tert butyl alcohol

Concen: 2.107 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.049 min

Lab File: VY014111.D

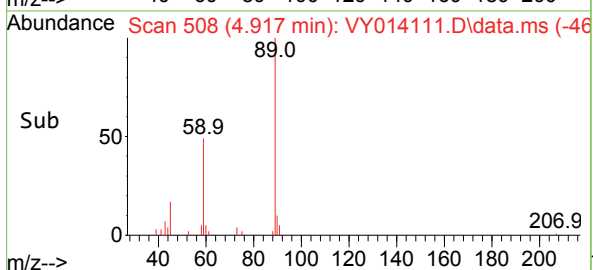
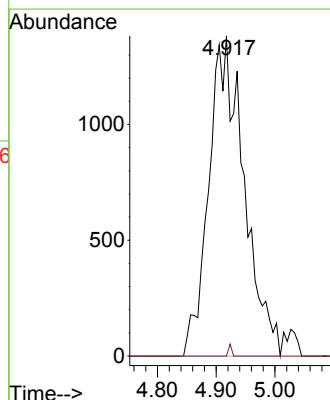
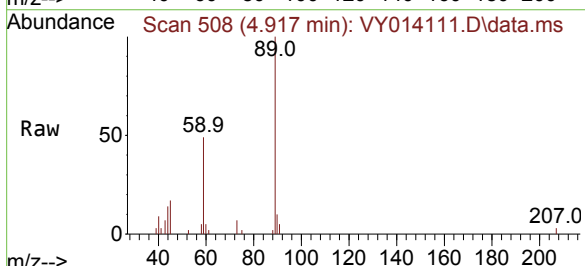
Acq: 12 Jun 2023 11:38

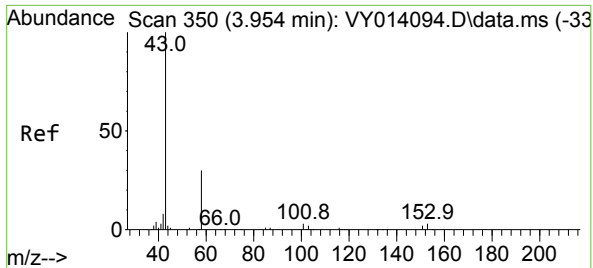
Tgt Ion: 59 Resp: 5745

Ion Ratio Lower Upper

59 100

57 0.3 3.0 4.4#

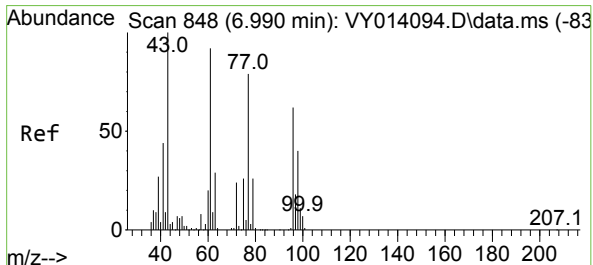
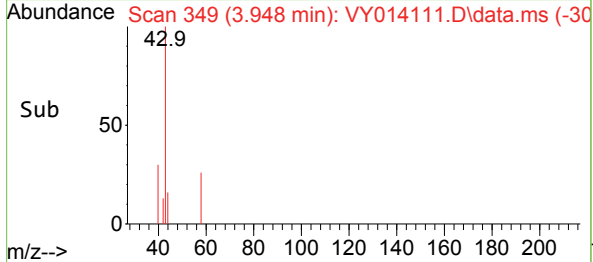
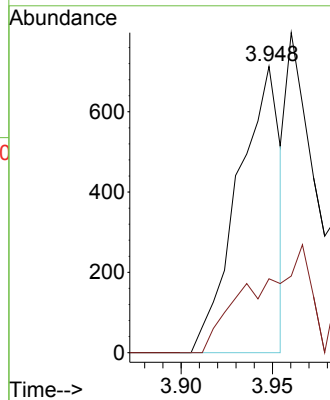
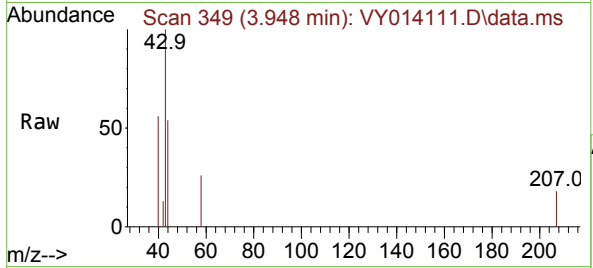




#16
Acetone
Concen: 1.719 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

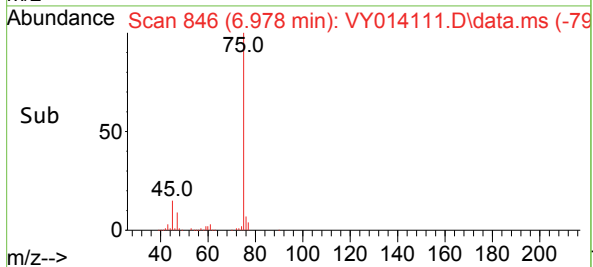
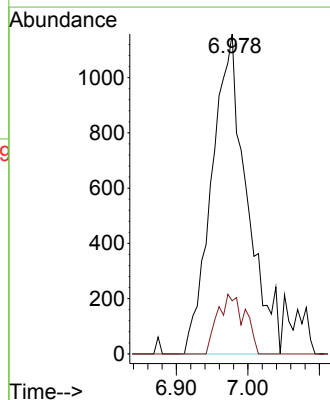
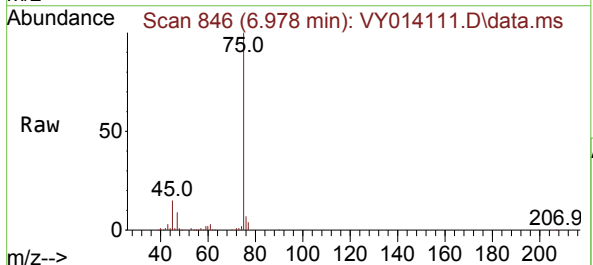
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

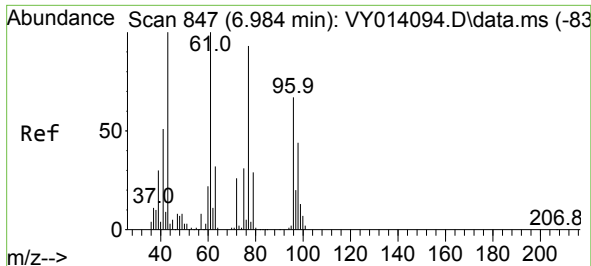
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 25.8 22.7 34.1



#25
2-Butanone
Concen: 4.779 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

Tgt Ion: 43 Resp: 3924
Ion Ratio Lower Upper
43 100
72 16.6 20.5 30.7#

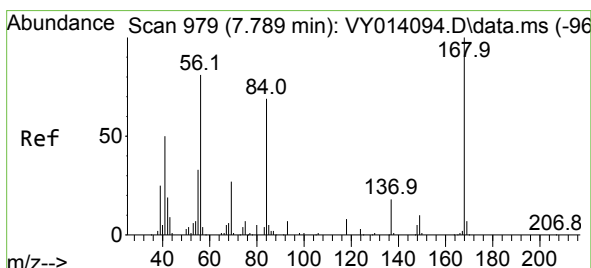
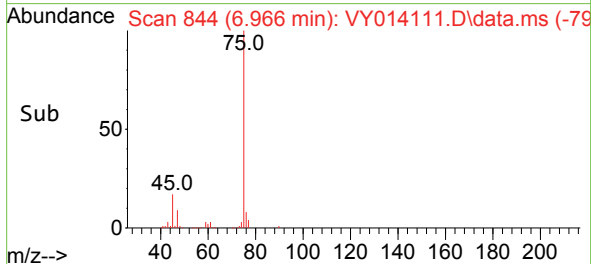
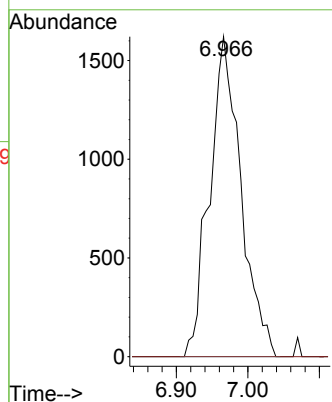
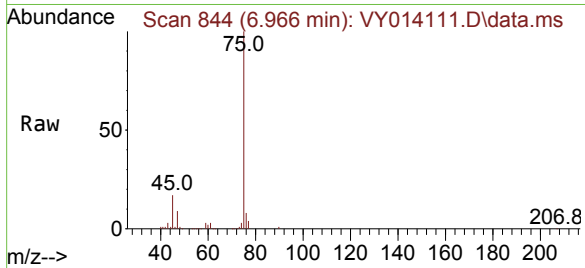




#26
2,2-Dichloropropane
Concen: 1.447 ug/l
RT: 6.966 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

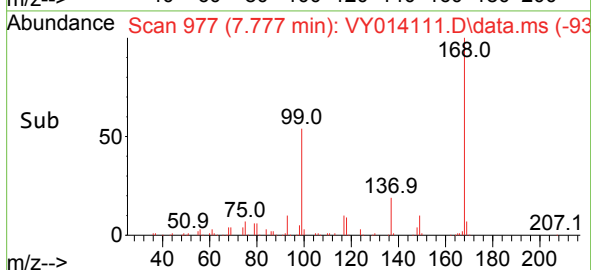
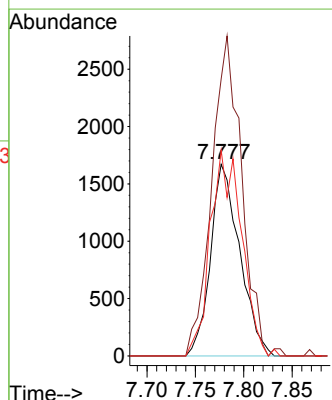
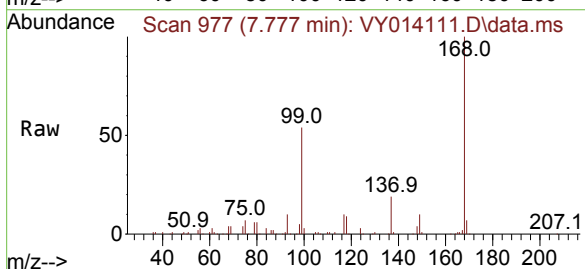
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

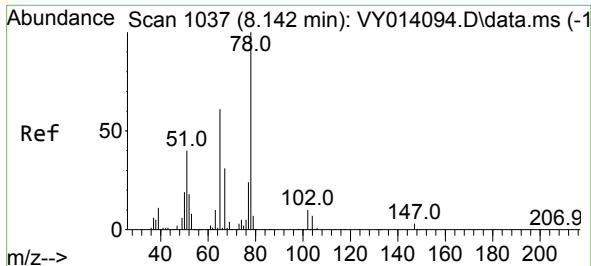
Tgt Ion: 77 Resp: 4934
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

Tgt Ion: 56 Resp: 3509
Ion Ratio Lower Upper
56 100
69 144.5 27.8 41.6#
84 107.4 66.4 99.6#

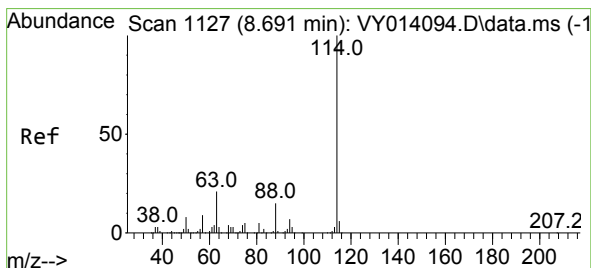
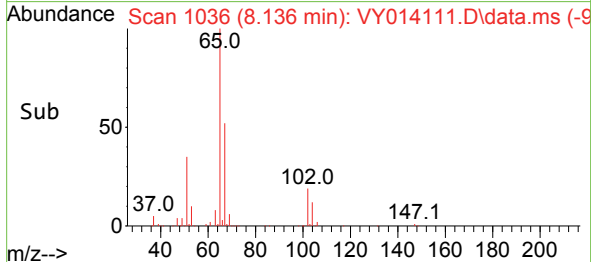
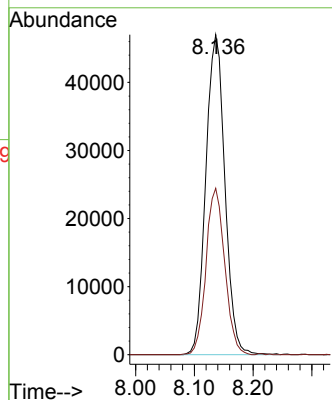
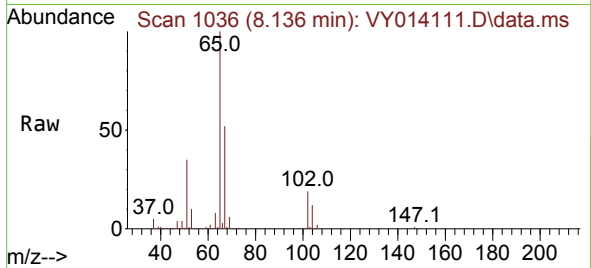




#33
 1,2-Dichloroethane-d4
 Concen: 47.916 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014111.D
 Acq: 12 Jun 2023 11:38

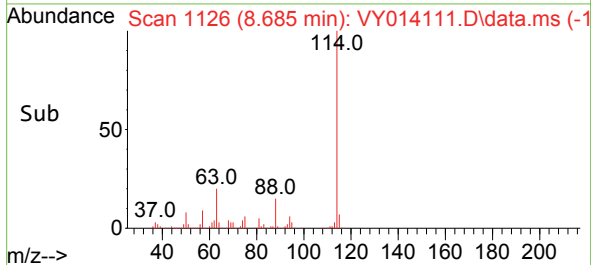
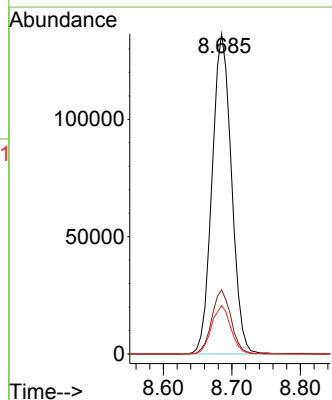
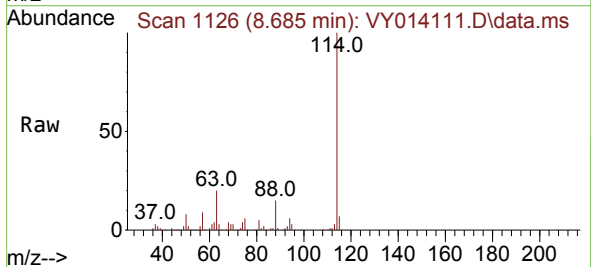
Instrument :
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 ClientSampleId :
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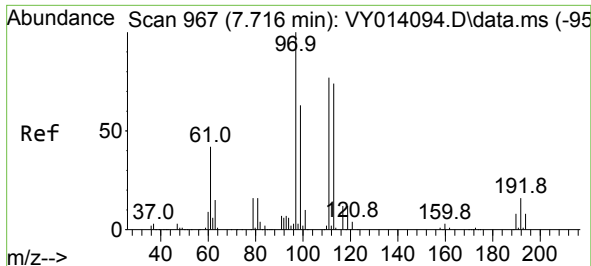
Tgt Ion: 65 Resp: 106039
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014111.D
 Acq: 12 Jun 2023 11:38

Tgt Ion: 114 Resp: 268553
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.1 0.0 30.6

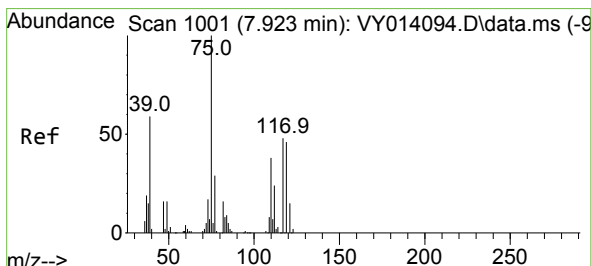
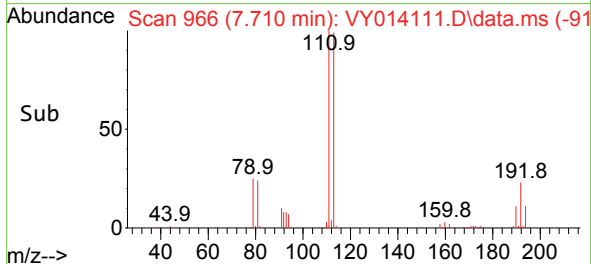
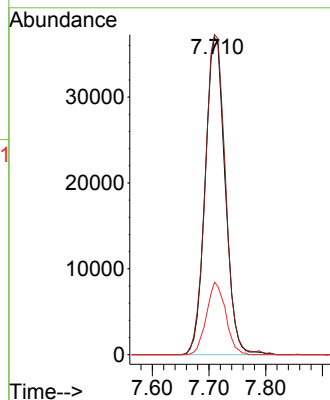
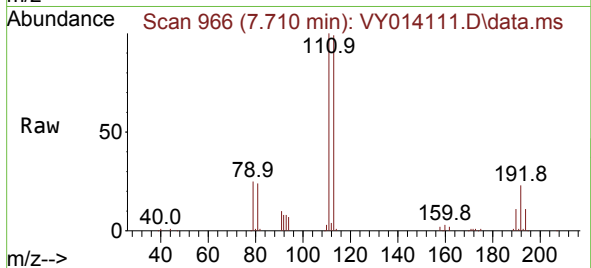




#35
Dibromofluoromethane
Concen: 47.445 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

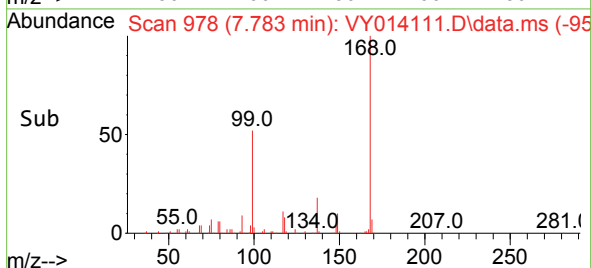
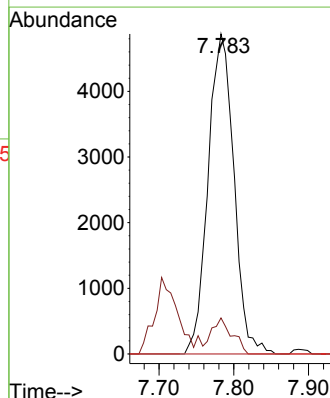
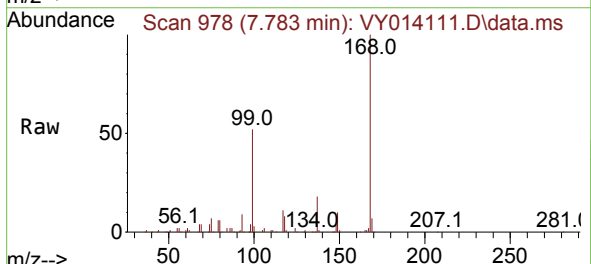
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

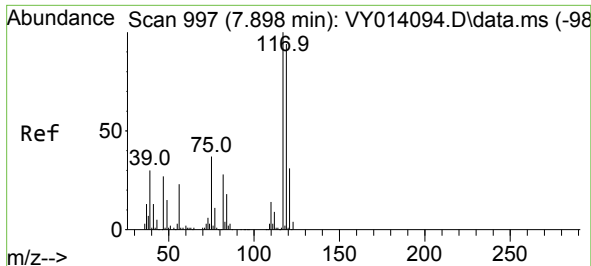
Tgt Ion:113 Resp: 90360
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 22.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.943 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

Tgt Ion: 75 Resp: 11708
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#

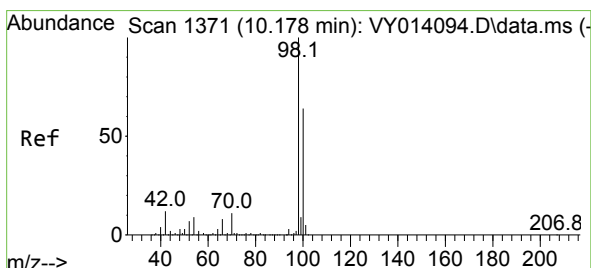
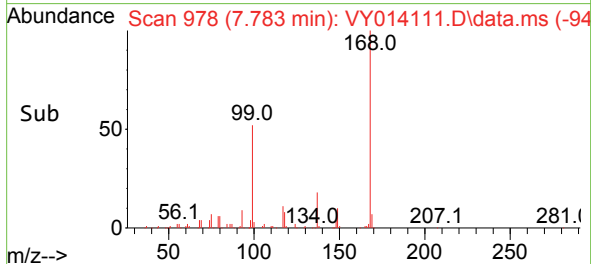
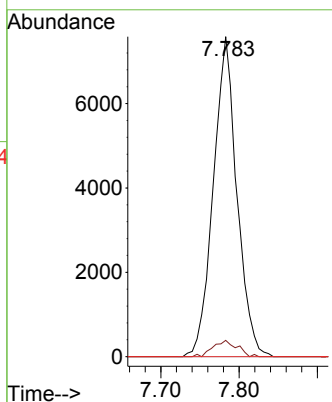
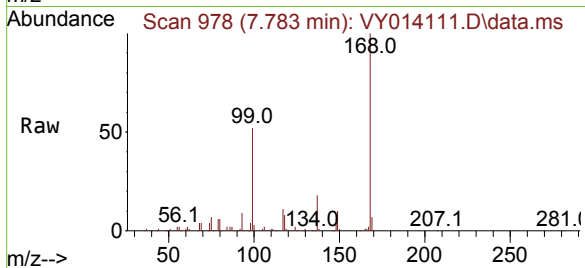




#38
Carbon Tetrachloride
Concen: 4.633 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

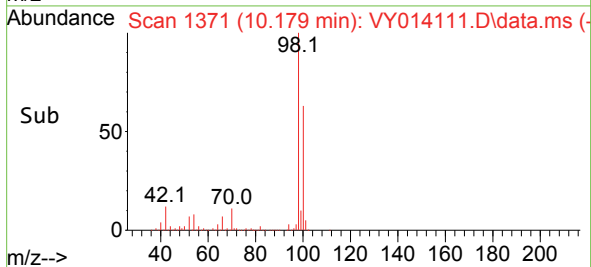
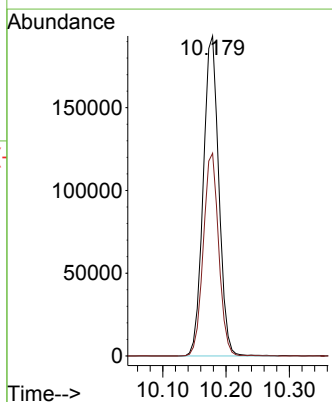
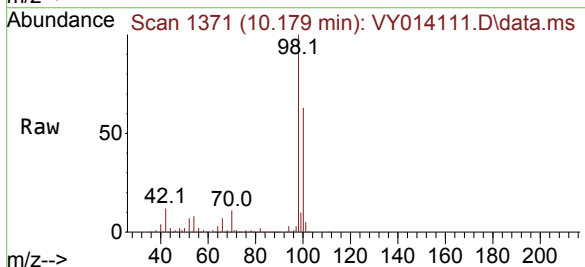
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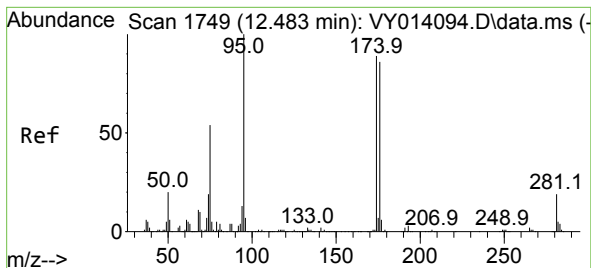
Tgt Ion:117 Resp: 15873
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.445 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

Tgt Ion: 98 Resp: 330700
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

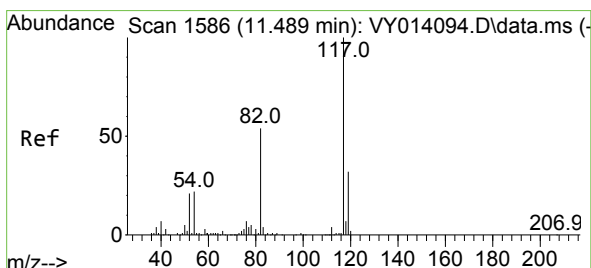
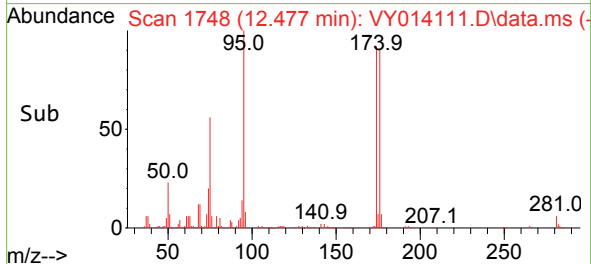
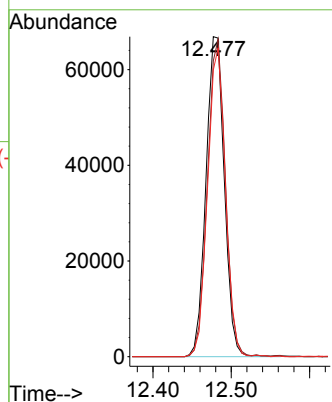
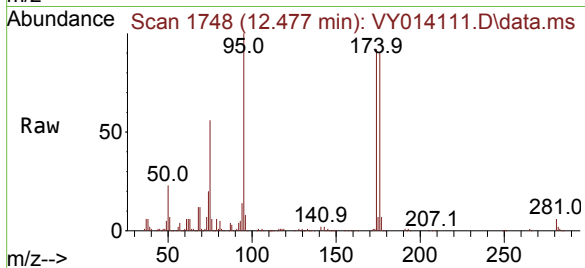




#62
4-Bromofluorobenzene
Concen: 42.971 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

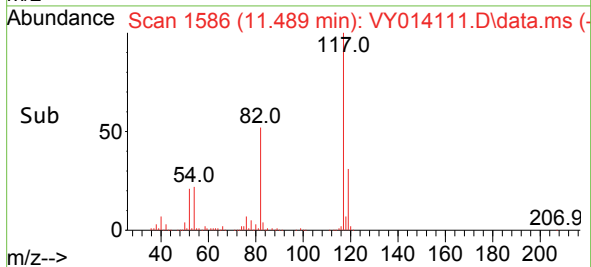
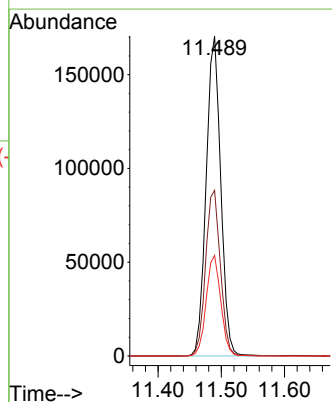
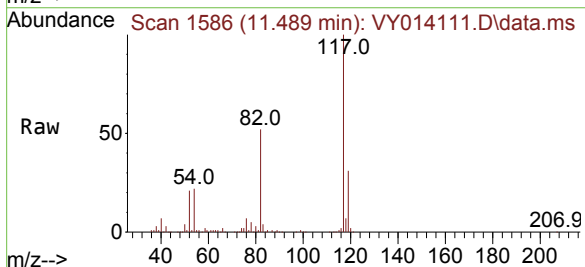
Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBL01

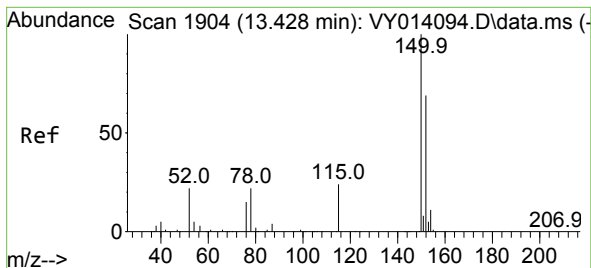
Tgt Ion: 95 Resp: 108688
Ion Ratio Lower Upper
95 100
174 97.1 0.0 178.2
176 93.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014111.D
Acq: 12 Jun 2023 11:38

Tgt Ion: 117 Resp: 274140
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 31.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY014111.D

Acq: 12 Jun 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0612SBL01

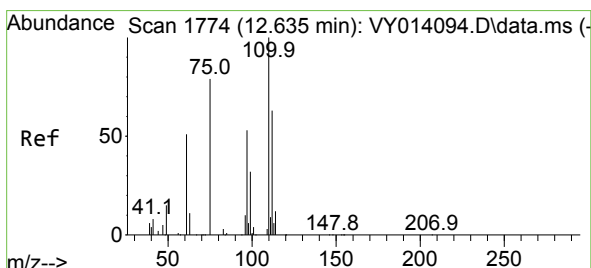
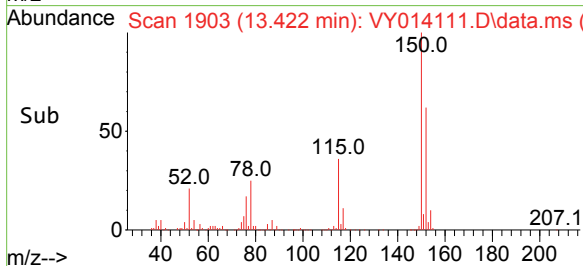
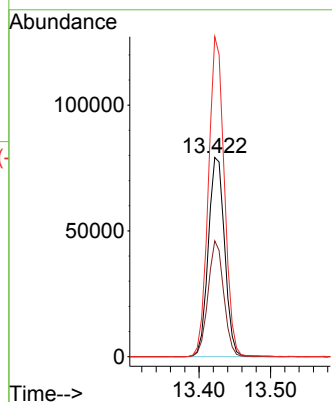
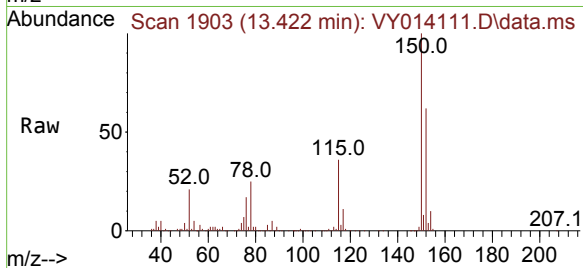
Tgt Ion:152 Resp: 125699

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 156.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.364 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014111.D

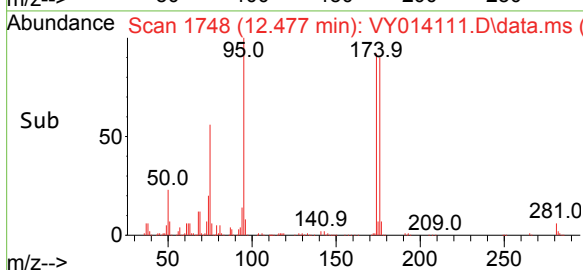
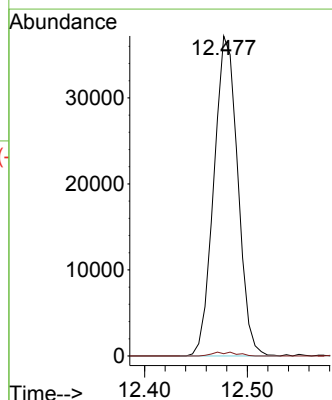
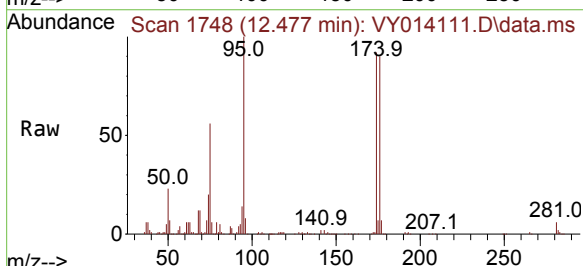
Acq: 12 Jun 2023 11:38

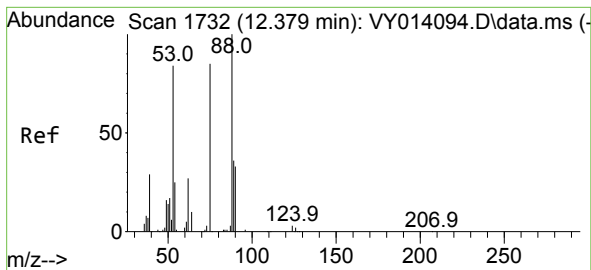
Tgt Ion: 75 Resp: 59970

Ion Ratio Lower Upper

75 100

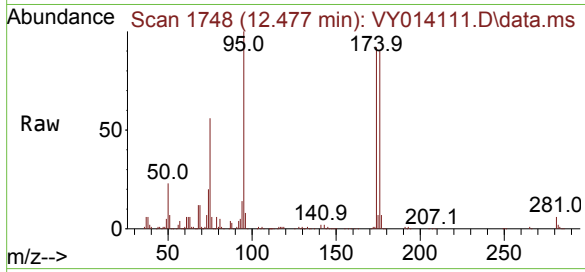
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.606 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014111.D
 Acq: 12 Jun 2023 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBL01



Tgt Ion: 75 Resp: 59970
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.3 37.4 56.0#

