

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014858.D
 Acq On : 26 Jul 2023 18:38
 Operator : SY/MD
 Sample : 03686-02
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 01:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

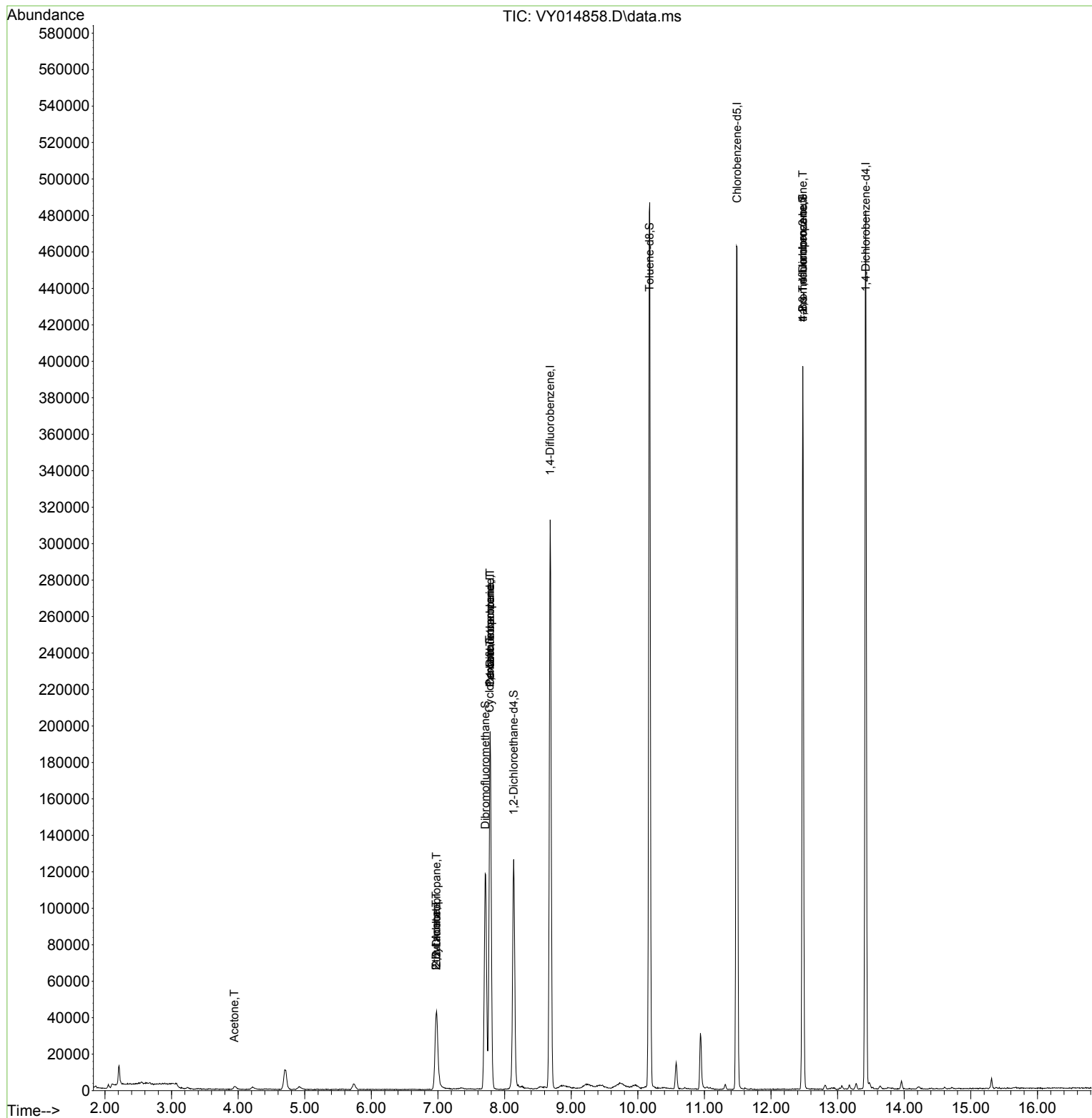
Internal Standards						
1) Pentafluorobenzene	7.783	168	151800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95644	55.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.580%	
35) Dibromofluoromethane	7.710	113	85403	49.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.179	98	320298	50.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.477	95	117278	48.292	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	2028	Below Cal	#	89
16) Acetone	3.942	43	3230	5.892	ug/l	92
25) 2-Butanone	6.972	43	2991	3.730	ug/l #	77
26) 2,2-Dichloropropane	6.978	77	3155	1.072	ug/l #	54
31) Cyclohexane	7.777	56	3268	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12004	4.673	ug/l #	49
37) Ethyl Acetate	6.972	43	2991	1.691	ug/l #	9
38) Carbon Tetrachloride	7.783	117	15502	5.708	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	63141	40.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63141	78.561	ug/l #	11

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014858.D
Acq On : 26 Jul 2023 18:38
Operator : SY/MD
Sample : 03686-02
Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 27 01:12:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

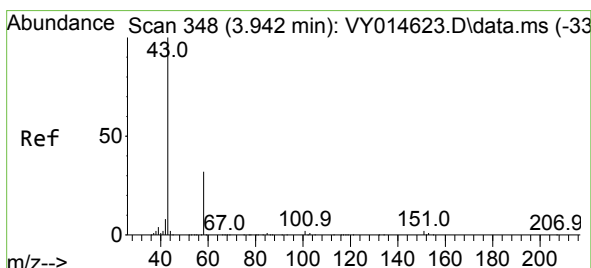
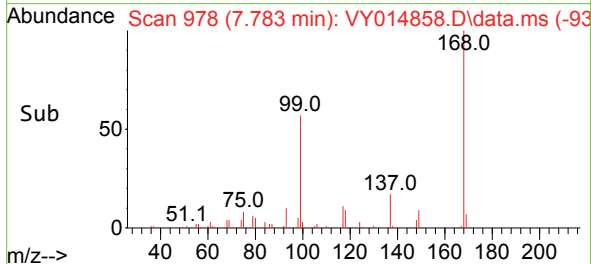
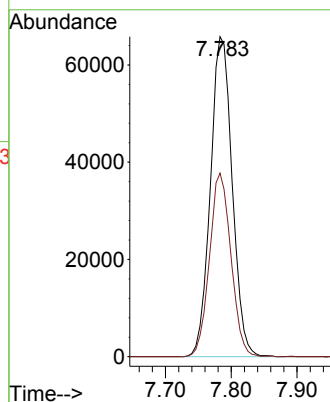
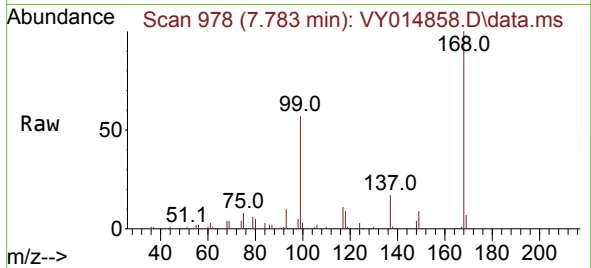




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

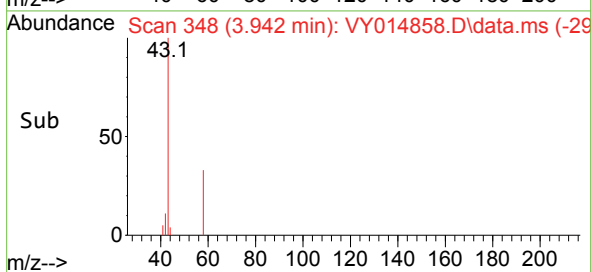
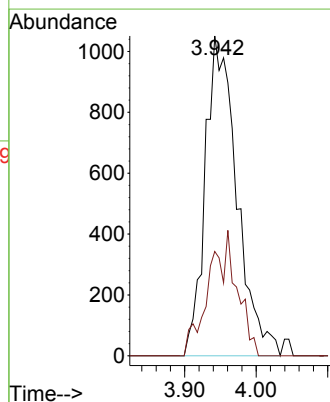
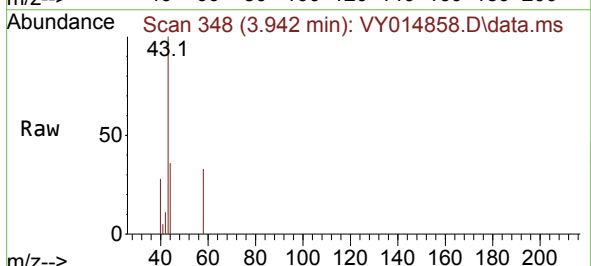
Instrument :
MSVOA_Y
ClientSampleId :

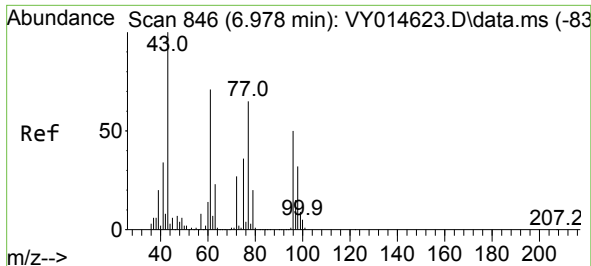
Tgt Ion:168 Resp: 151800
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#16
Acetone
Concen: 5.892 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Tgt Ion: 43 Resp: 3230
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1





#25

2-Butanone

Concen: 3.730 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

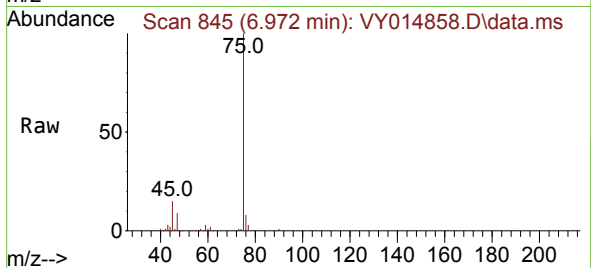
Lab File: VY014858.D

Acq: 26 Jul 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

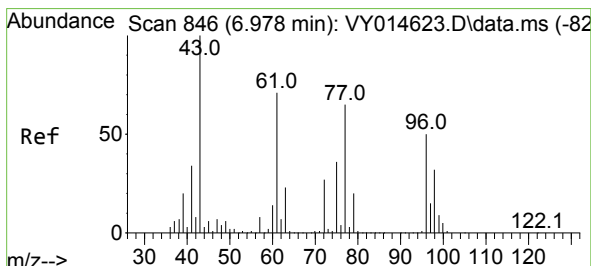
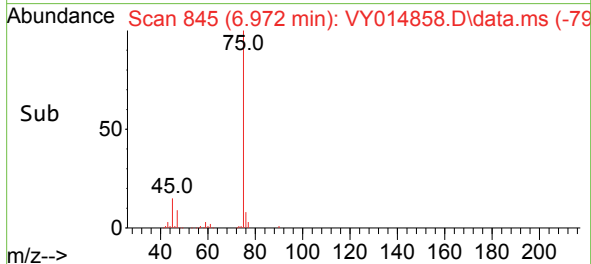
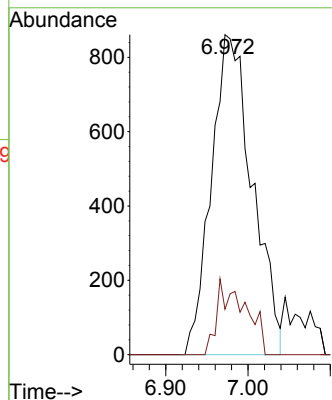


Tgt Ion: 43 Resp: 2991

Ion Ratio Lower Upper

43 100

72 14.2 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.072 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014858.D

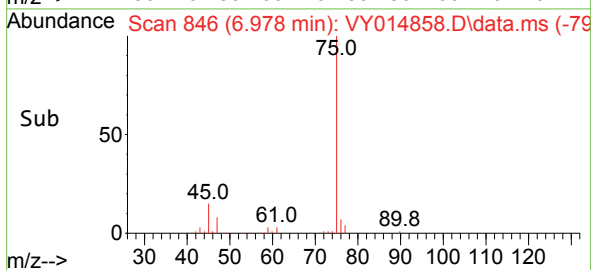
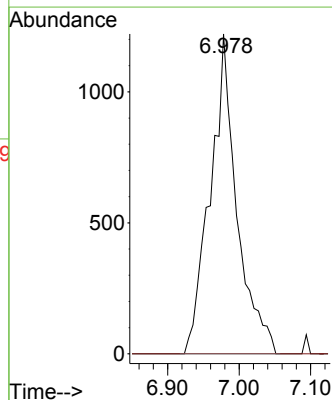
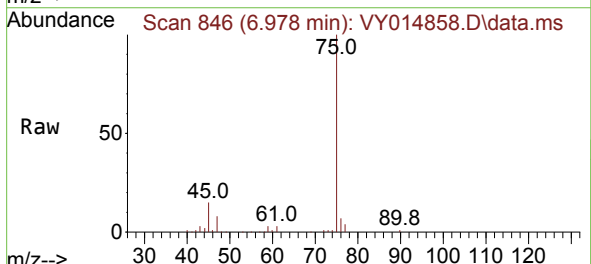
Acq: 26 Jul 2023 18:38

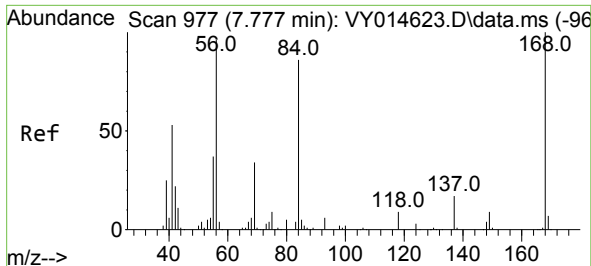
Tgt Ion: 77 Resp: 3155

Ion Ratio Lower Upper

77 100

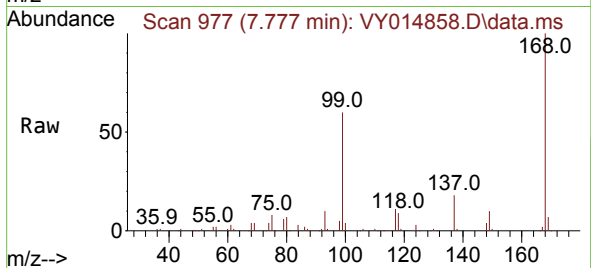
97 0.0 10.9 32.9#



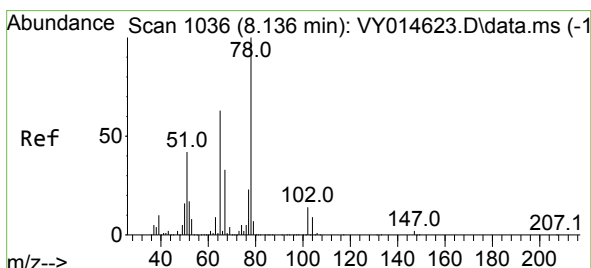
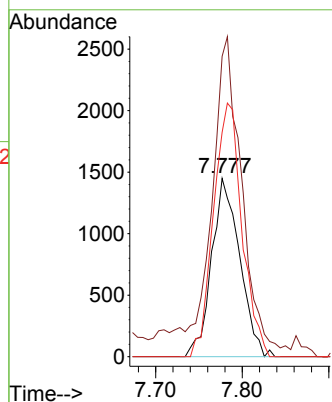
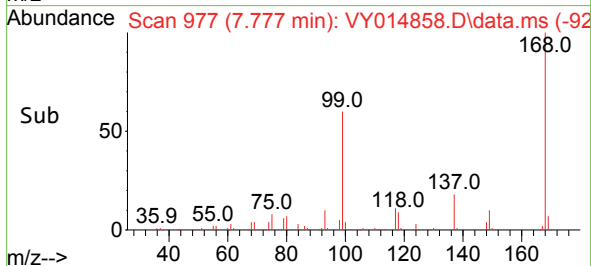


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Instrument :
MSVOA_Y
ClientSampleId :

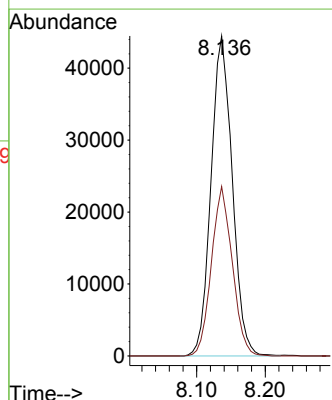
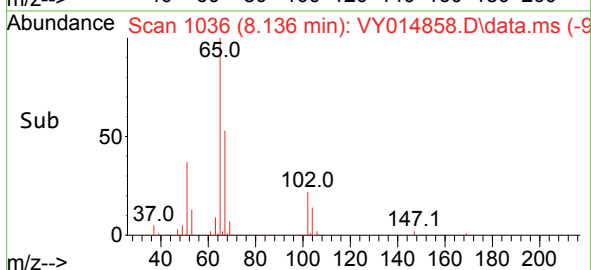
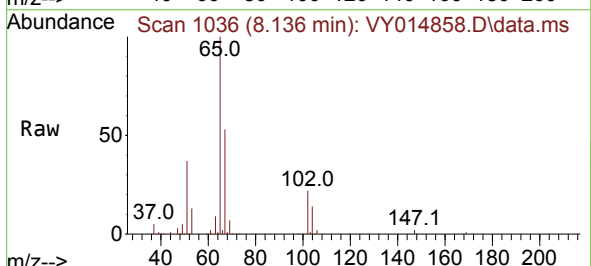


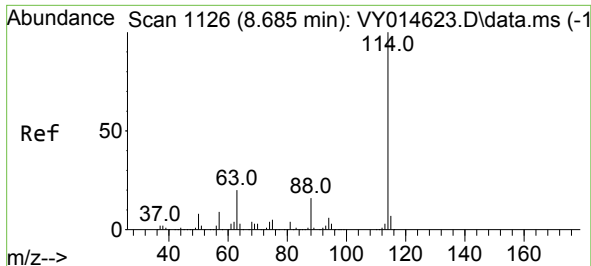
Tgt Ion: 56 Resp: 3268
Ion Ratio Lower Upper
56 100
69 163.6 27.8 41.6#
84 125.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.291 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Tgt Ion: 65 Resp: 95644
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014858.D

Acq: 26 Jul 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

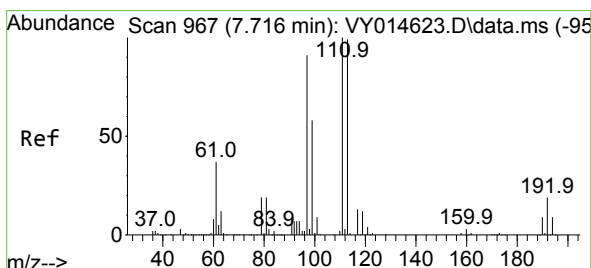
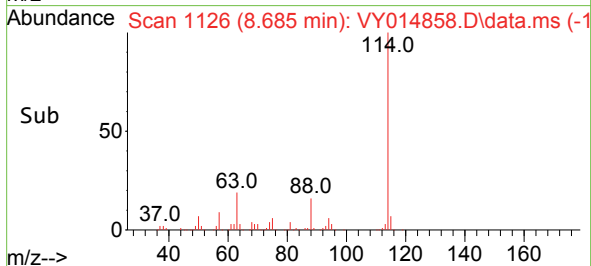
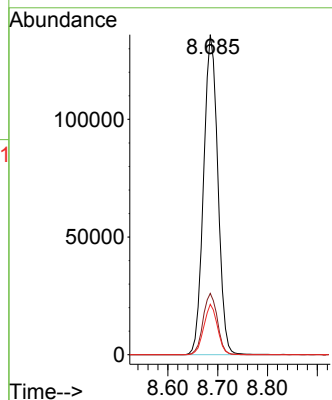
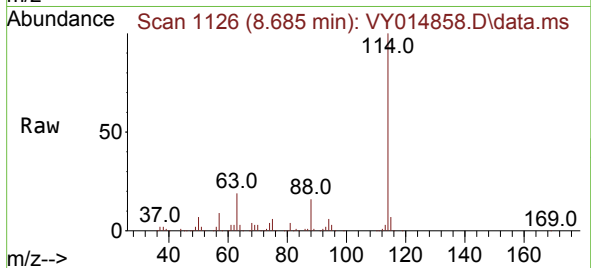
Tgt Ion:114 Resp: 269865

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.714 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014858.D

Acq: 26 Jul 2023 18:38

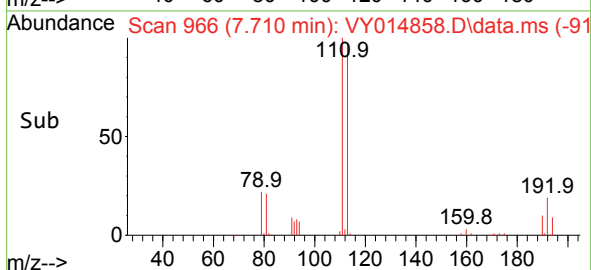
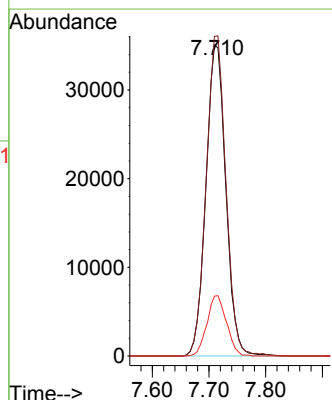
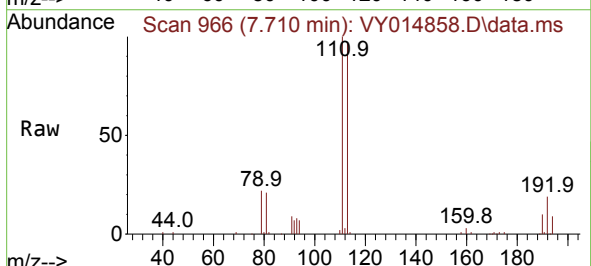
Tgt Ion:113 Resp: 85403

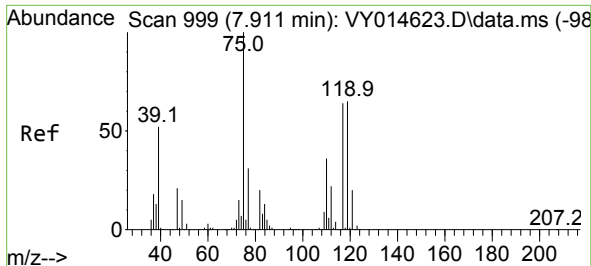
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

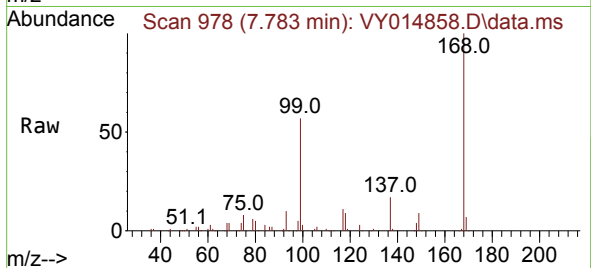
192 19.1 16.9 25.3



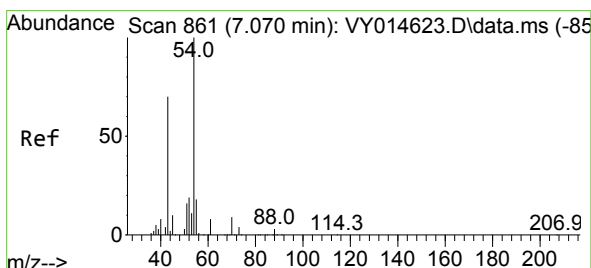
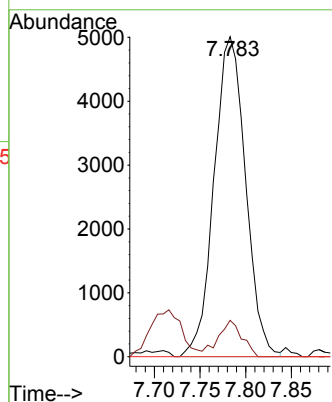
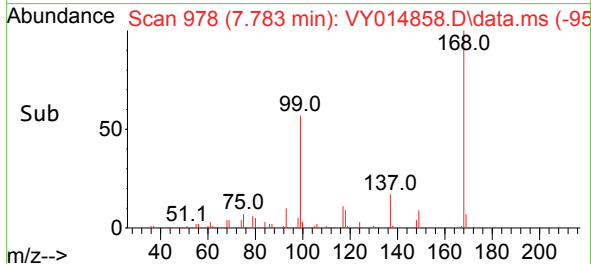


#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

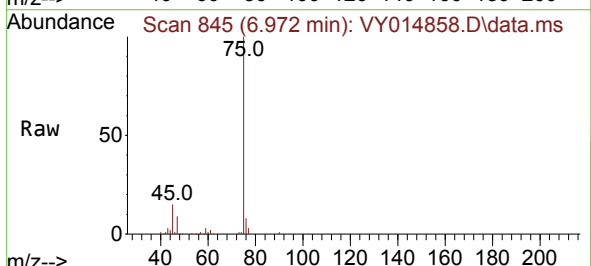
Instrument :
MSVOA_Y
ClientSampleId :



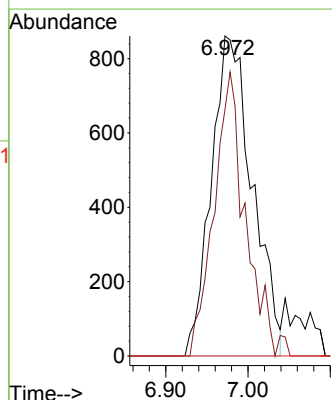
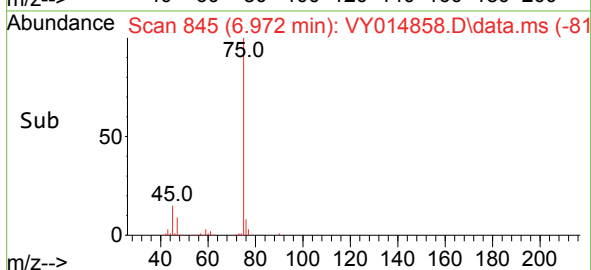
Tgt Ion: 75 Resp: 12004
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#

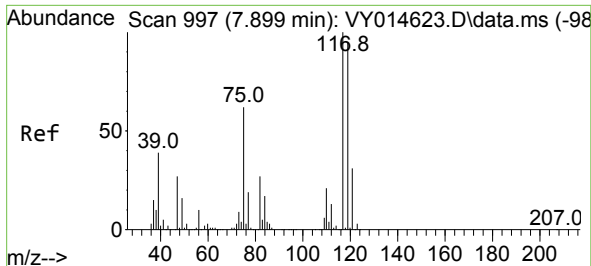


#37
Ethyl Acetate
Concen: 1.691 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38



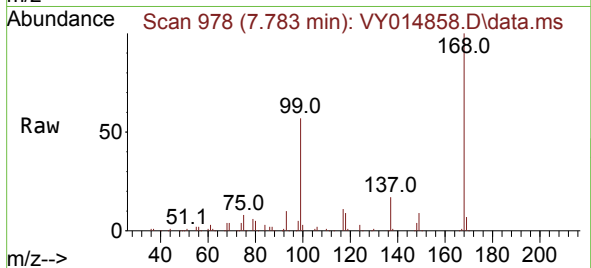
Tgt Ion: 43 Resp: 2991
Ion Ratio Lower Upper
43 100
61 66.8 10.1 15.1#
70 0.0 7.1 10.7#



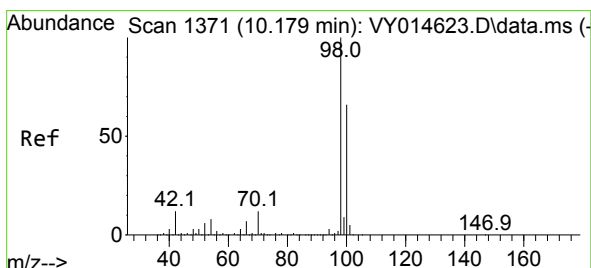
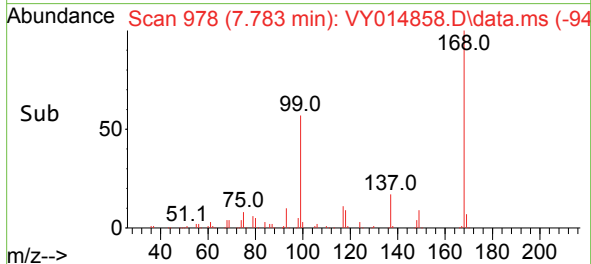
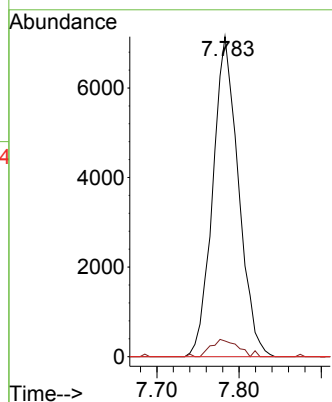


#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Instrument :
MSVOA_Y
ClientSampleId :

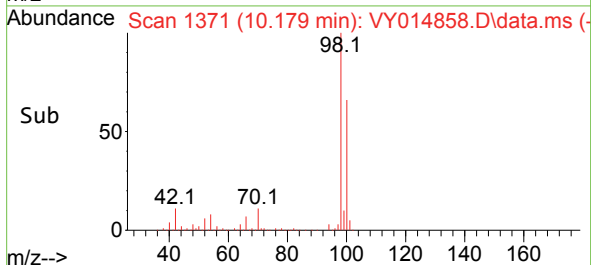
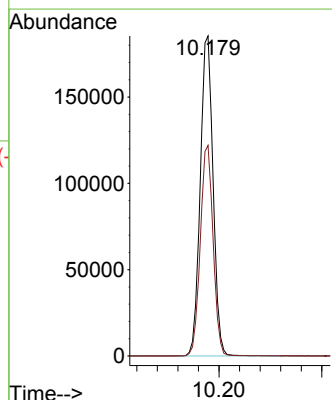
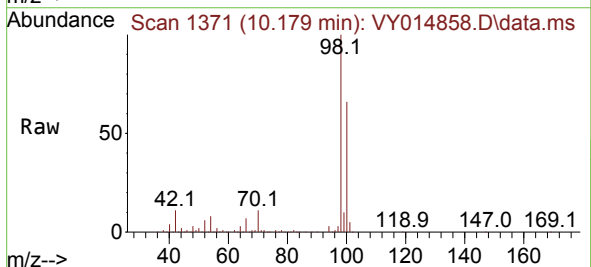


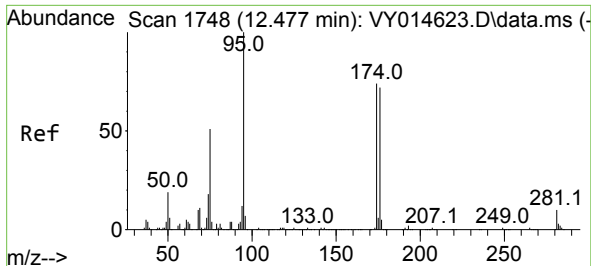
Tgt Ion:117 Resp: 15502
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.572 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Tgt Ion: 98 Resp: 320298
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

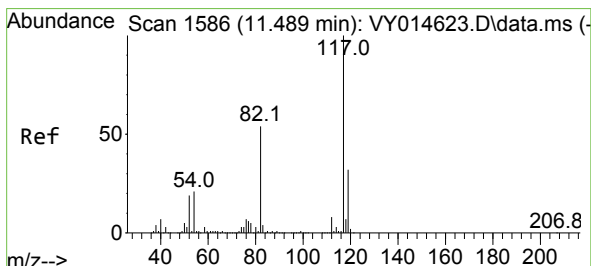
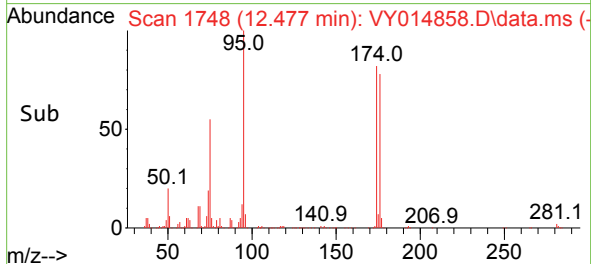
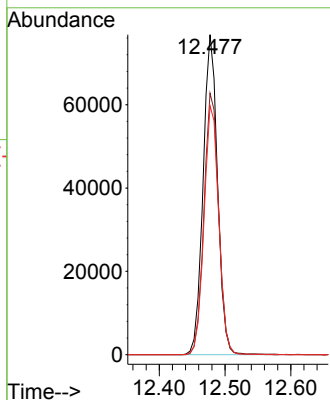
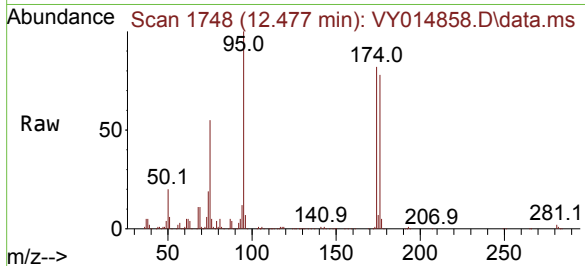




#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 12.477 min Scan# 117278
Delta R.T. 0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

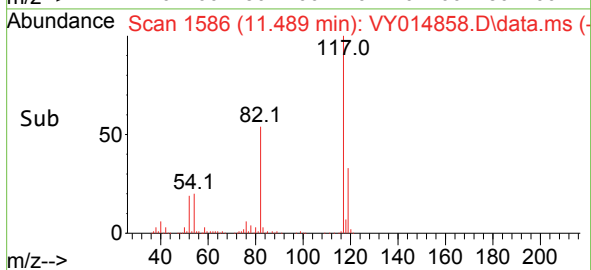
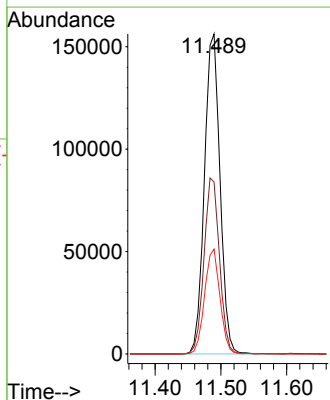
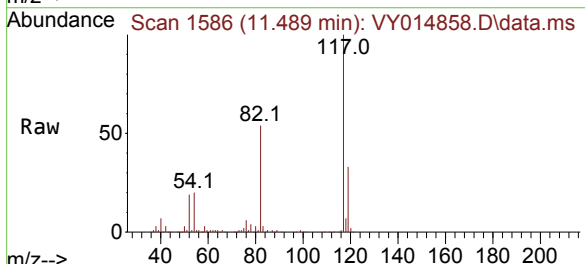
Instrument :
MSVOA_Y
ClientSampleId :

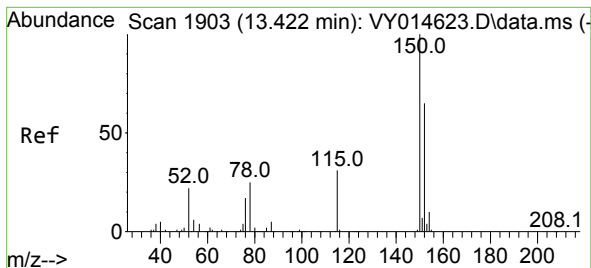
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	178.2
176	79.3	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014858.D
Acq: 26 Jul 2023 18:38

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.4	65.0
119	32.8	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

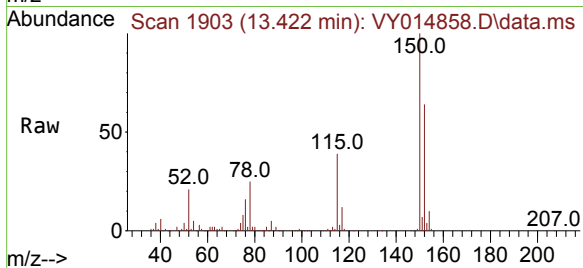
Lab File: VY014858.D

Acq: 26 Jul 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :



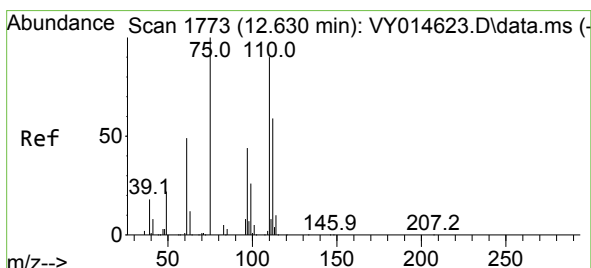
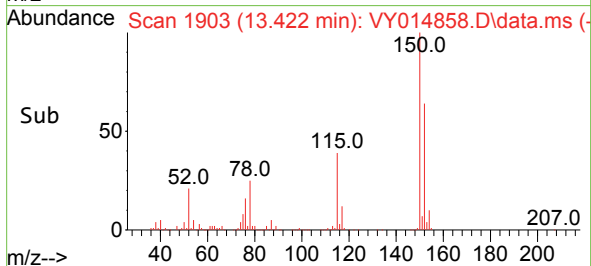
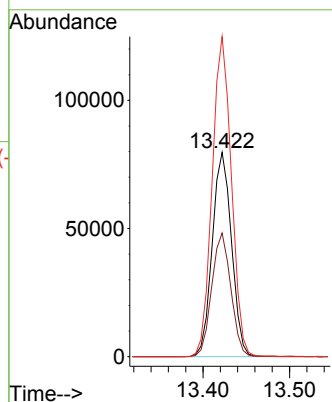
Tgt Ion:152 Resp: 123213

Ion Ratio Lower Upper

152 100

115 60.1 28.8 86.5

150 156.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.575 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014858.D

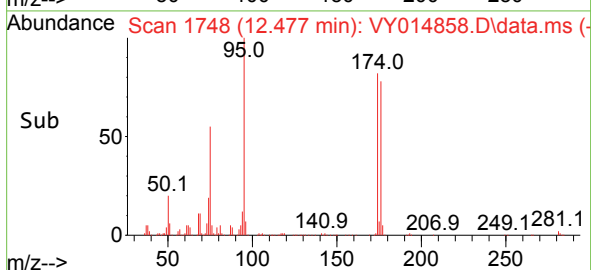
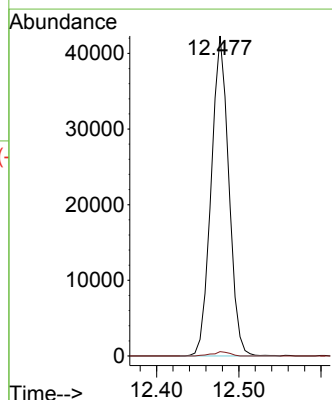
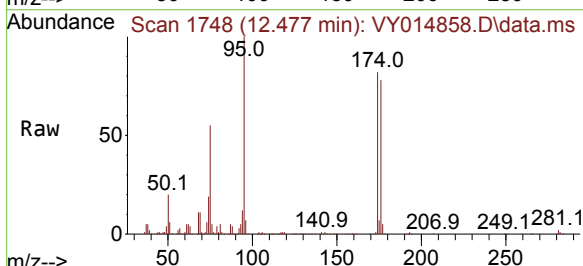
Acq: 26 Jul 2023 18:38

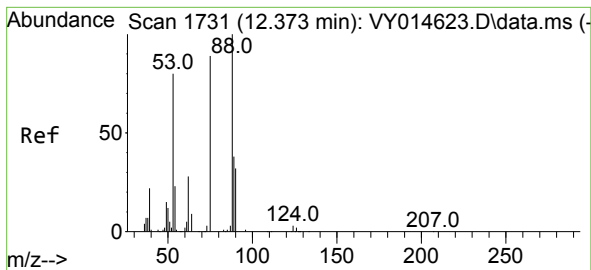
Tgt Ion: 75 Resp: 63141

Ion Ratio Lower Upper

75 100

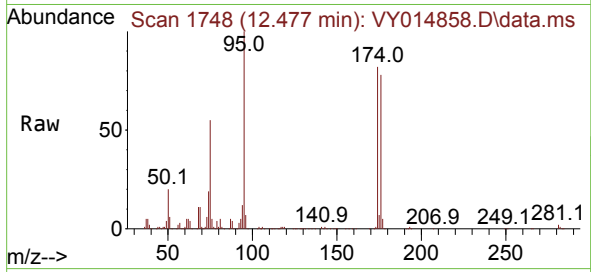
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.561 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014858.D
 Acq: 26 Jul 2023 18:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63141
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

