

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015858.D
 Acq On : 06 Oct 2023 13:36
 Operator : SY/MD
 Sample : 04763-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 07 07:26:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

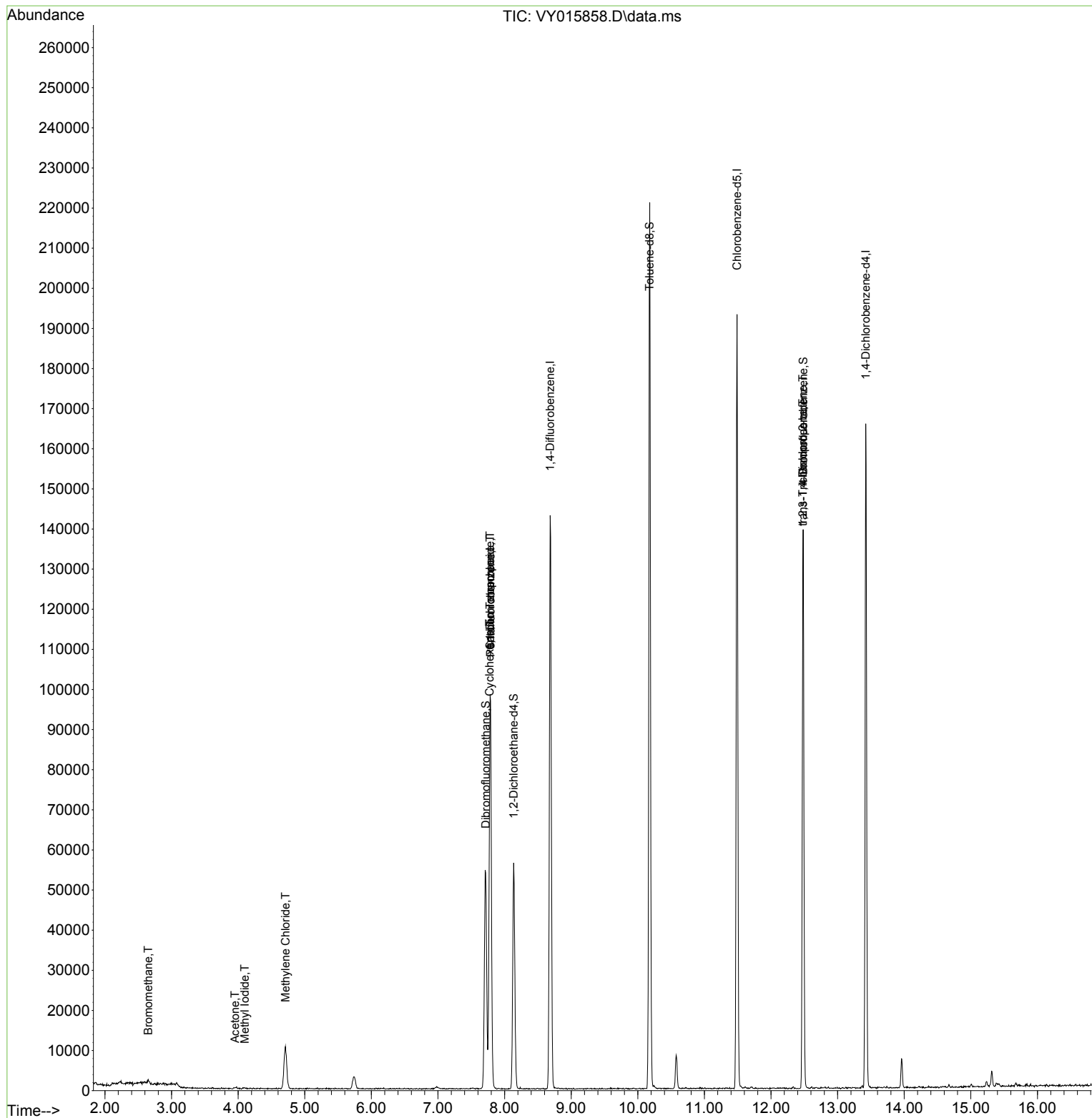
Internal Standards						
1) Pentafluorobenzene	7.789	168	78897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	105910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43148	55.587	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 111.180%		
35) Dibromofluoromethane	7.716	113	40342	55.854	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.700%		
50) Toluene-d8	10.179	98	145130	61.888	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 123.780%		
62) 4-Bromofluorobenzene	12.483	95	42151	43.975	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 87.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	345	1.709	ug/l	99
10) Methyl Iodide	4.101	142	315	3.610	ug/l #	38
16) Acetone	3.954	43	480	1.194	ug/l #	76
20) Methylene Chloride	4.710	84	7700	2.511	ug/l	95
31) Cyclohexane	7.777	56	1580	1.806	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6061	7.034	ug/l #	50
38) Carbon Tetrachloride	7.783	117	7630	7.531	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	22183	34.066	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22183	78.859	ug/l #	10

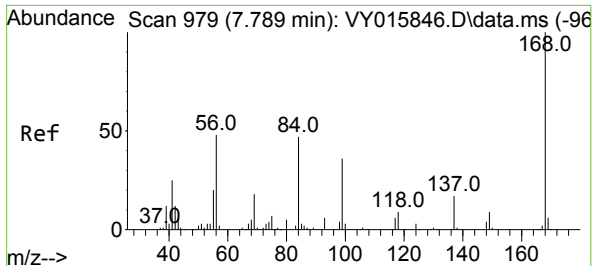
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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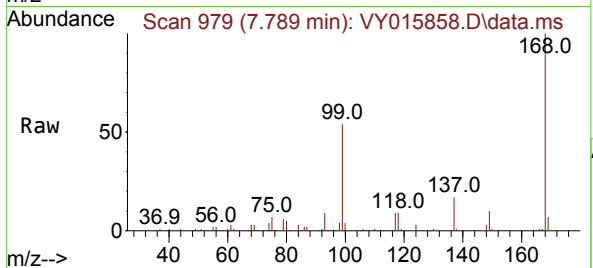
Quant Time: Oct 07 07:26:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
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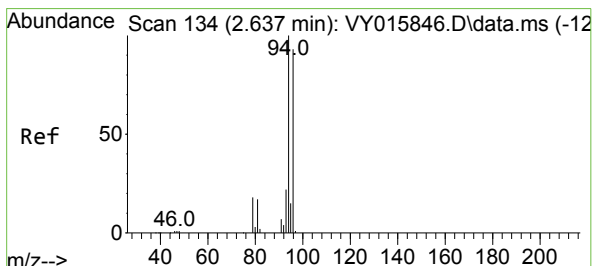
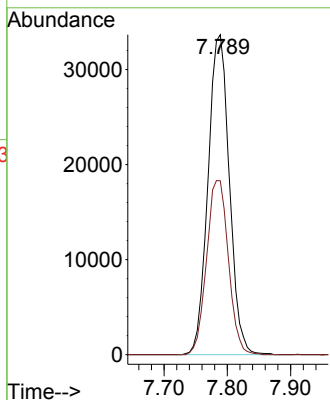
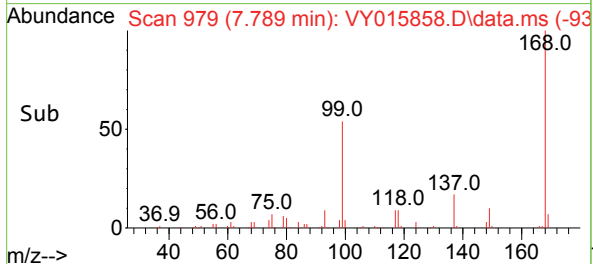


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015858.D
Acq: 06 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

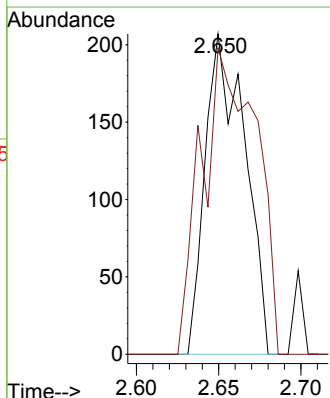
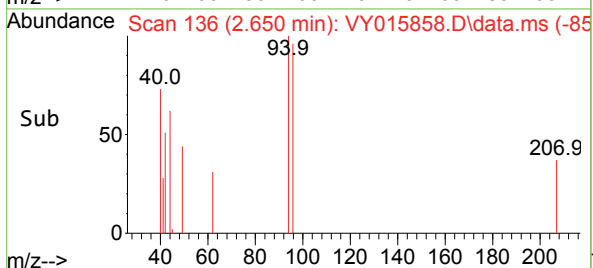
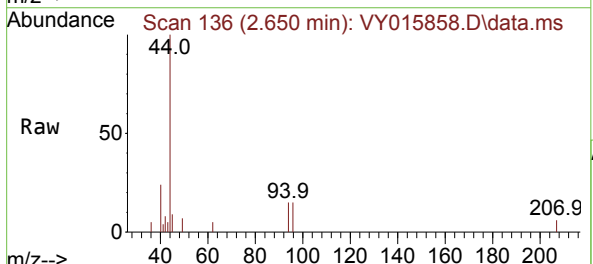


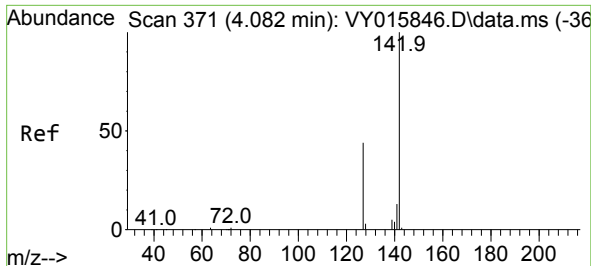
Tgt Ion:168 Resp: 78897
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#5
Bromomethane
Concen: 1.709 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015858.D
Acq: 06 Oct 2023 13:36

Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 95.7 75.8 113.6





#10

Methyl Iodide

Concen: 3.610 ug/l

RT: 4.101 min Scan# 31

Delta R.T. 0.019 min

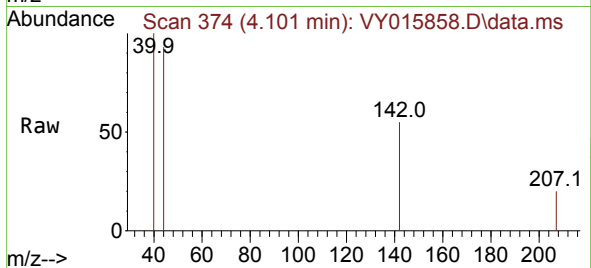
Lab File: VY015858.D

Acq: 06 Oct 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :



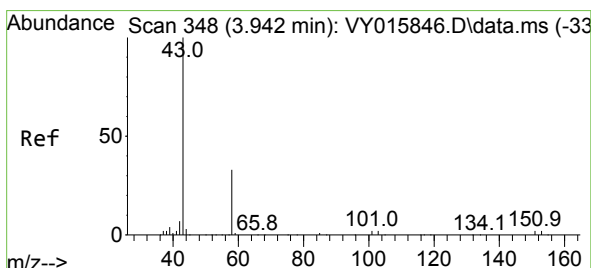
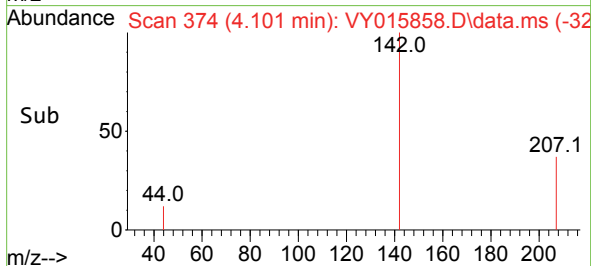
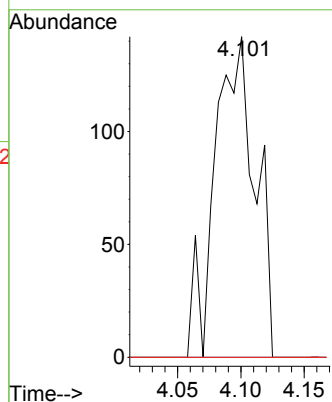
Tgt Ion:142 Resp: 315

Ion Ratio Lower Upper

142 100

127 0.0 37.6 56.4#

141 0.0 11.8 17.8#



#16

Acetone

Concen: 1.194 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY015858.D

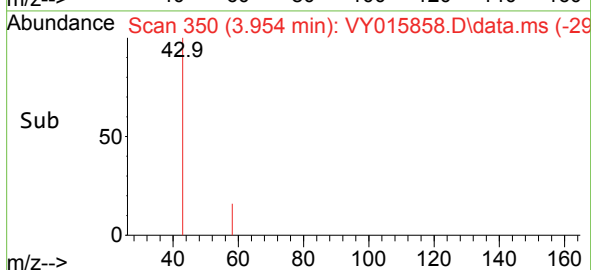
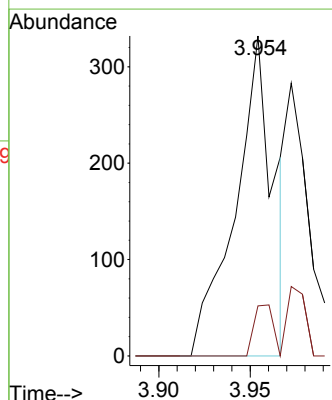
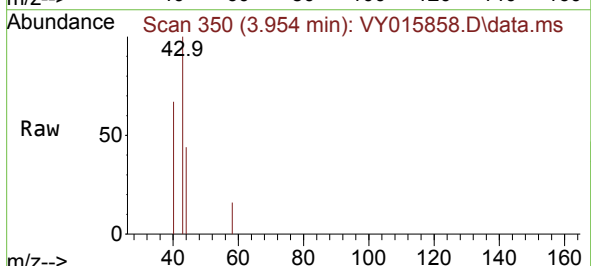
Acq: 06 Oct 2023 13:36

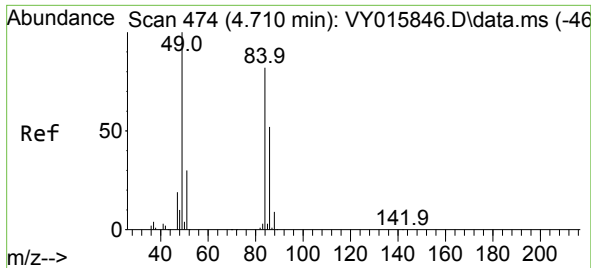
Tgt Ion: 43 Resp: 480

Ion Ratio Lower Upper

43 100

58 15.7 22.7 34.1#





#20

Methylene Chloride

Concen: 2.511 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

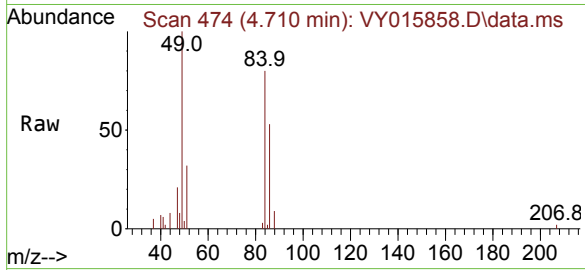
Lab File: VY015858.D

Acq: 06 Oct 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 7700

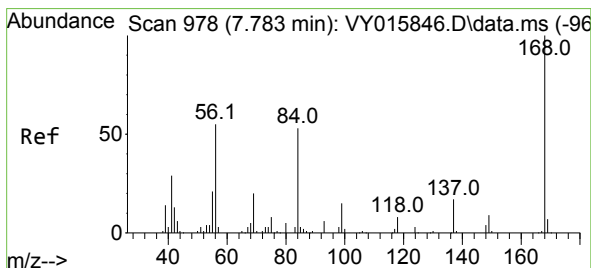
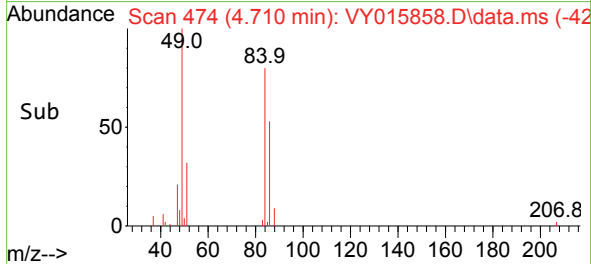
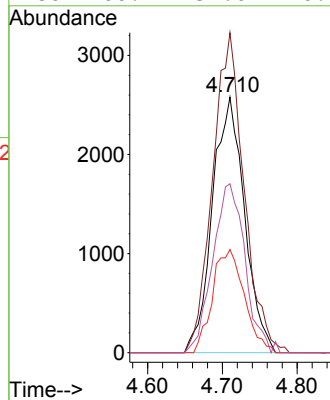
Ion Ratio Lower Upper

84 100

49 125.3 106.9 160.3

51 40.4 33.2 49.8

86 66.1 51.0 76.6



#31

Cyclohexane

Concen: 1.806 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY015858.D

Acq: 06 Oct 2023 13:36

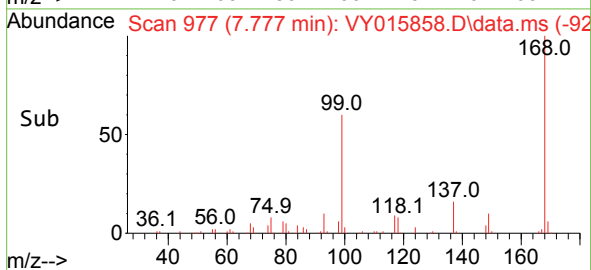
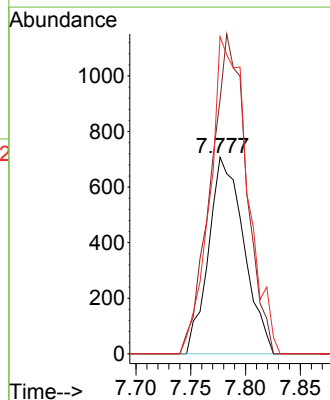
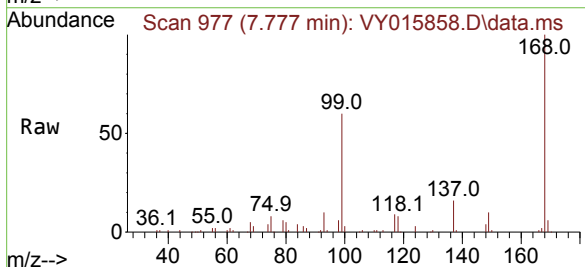
Tgt Ion: 56 Resp: 1580

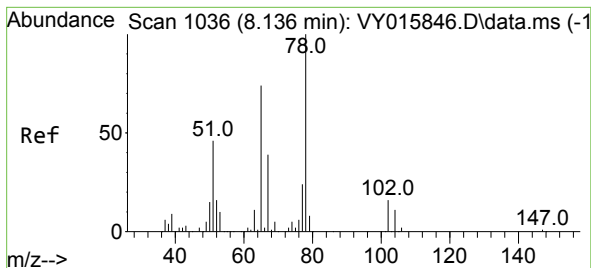
Ion Ratio Lower Upper

56 100

69 129.1 27.8 41.6#

84 161.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.587 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015858.D

Acq: 06 Oct 2023 13:36

Instrument :

MSVOA_Y

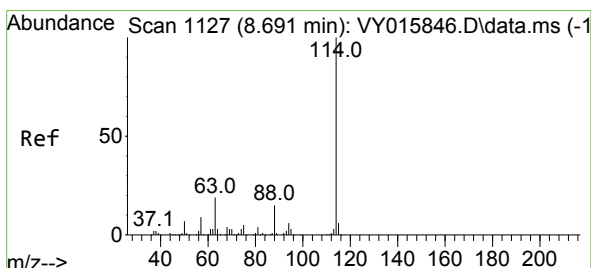
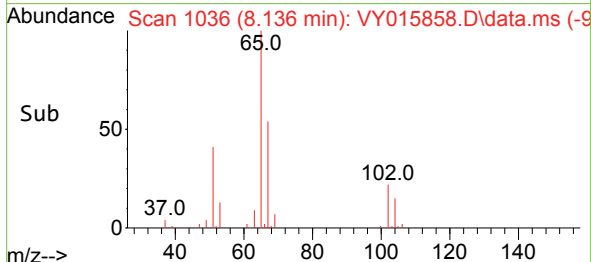
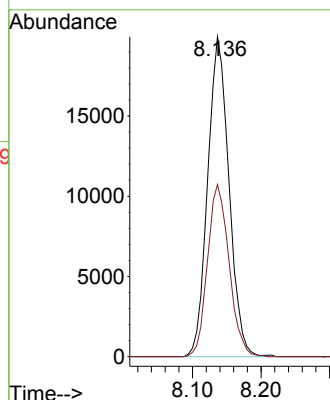
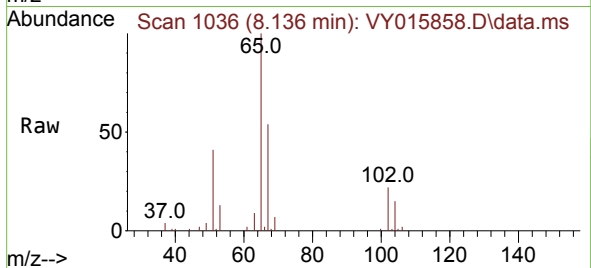
ClientSampleId :

Tgt Ion: 65 Resp: 43148

Ion Ratio Lower Upper

65 100

67 54.6 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: VY015858.D

Acq: 06 Oct 2023 13:36

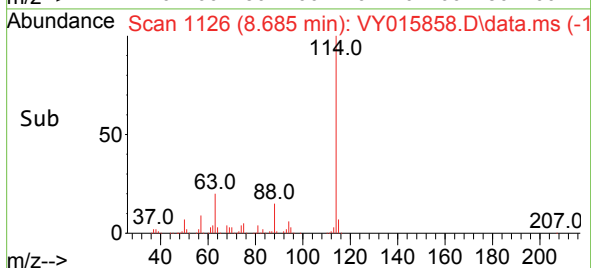
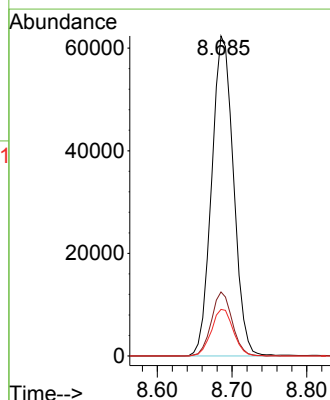
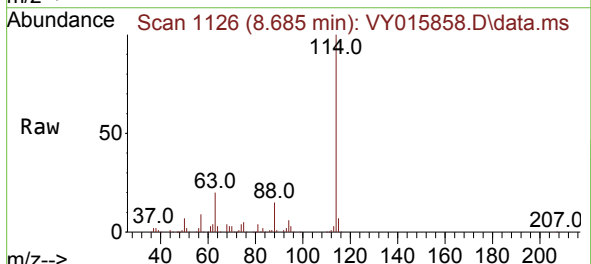
Tgt Ion: 114 Resp: 126714

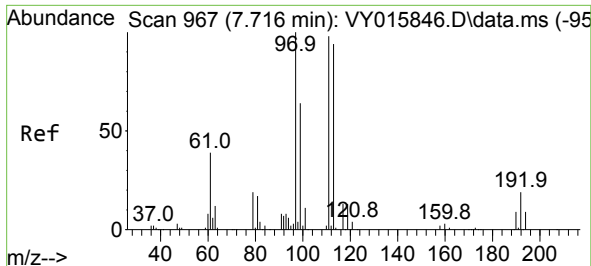
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

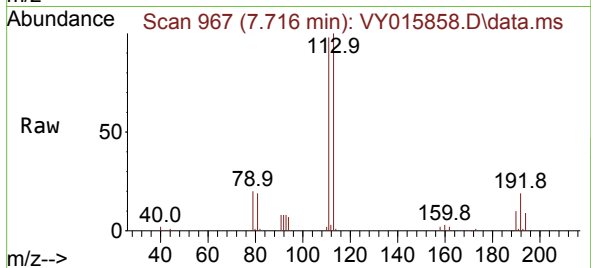
88 14.6 0.0 30.6



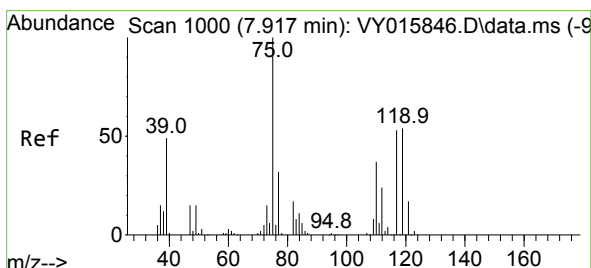
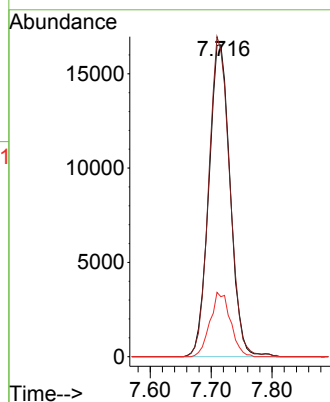
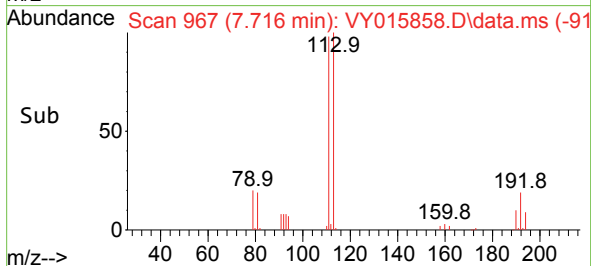


#35
Dibromofluoromethane
Concen: 55.854 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015858.D
Acq: 06 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

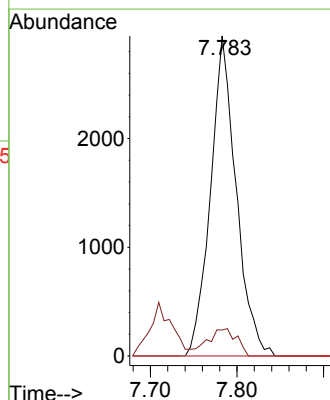
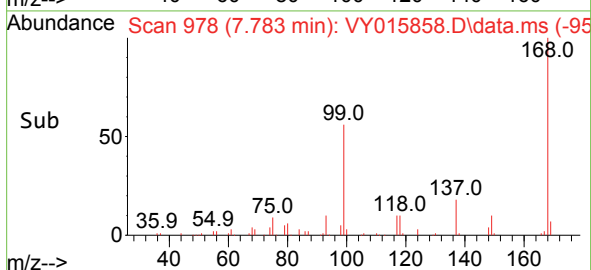
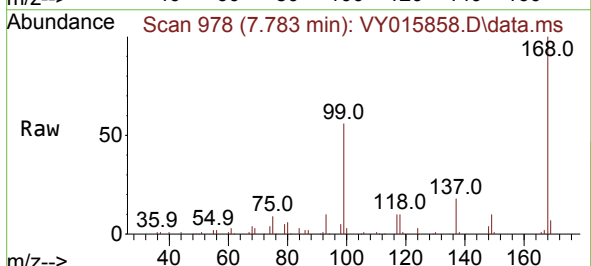


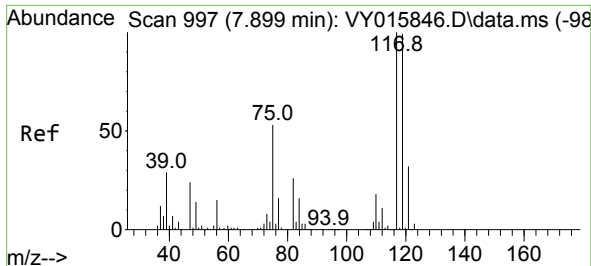
Tgt Ion:113 Resp: 40342
Ion Ratio Lower Upper
113 100
111 100.4 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.034 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY015858.D
Acq: 06 Oct 2023 13:36

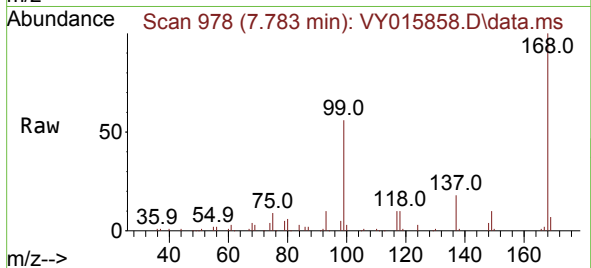
Tgt Ion: 75 Resp: 6061
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



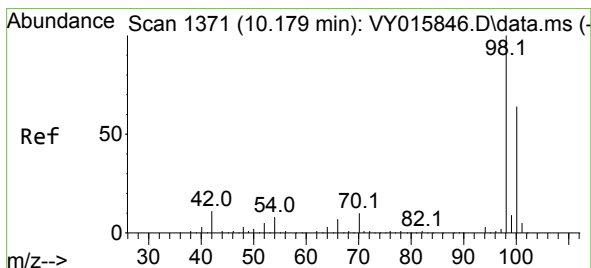
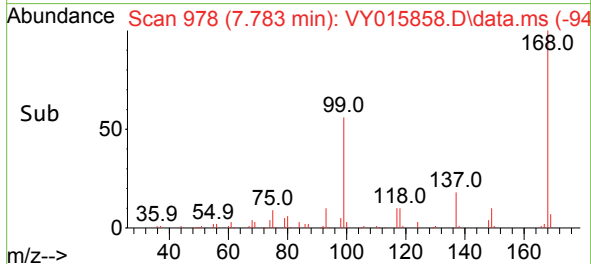
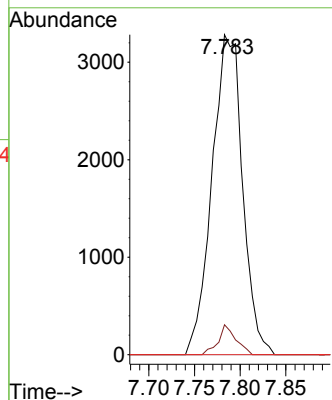


#38
Carbon Tetrachloride
Concen: 7.531 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015858.D
Acq: 06 Oct 2023 13:36

Instrument :
MSVOA_Y
ClientSampleId :

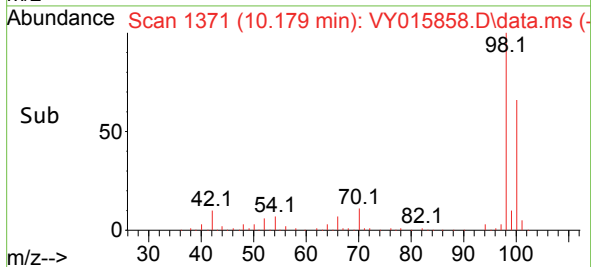
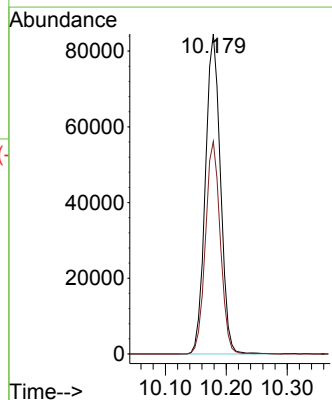
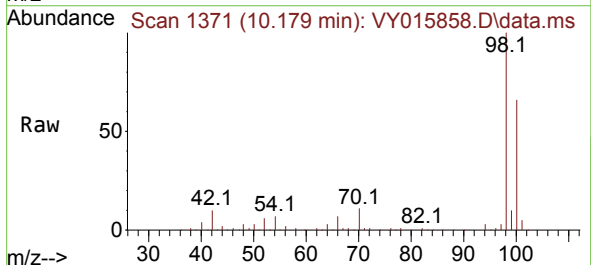


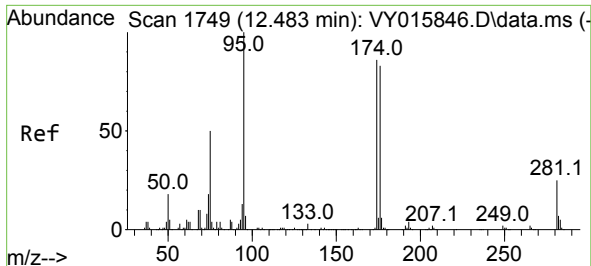
Tgt Ion:117 Resp: 7630
Ion Ratio Lower Upper
117 100
119 9.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 61.888 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015858.D
Acq: 06 Oct 2023 13:36

Tgt Ion: 98 Resp: 145130
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

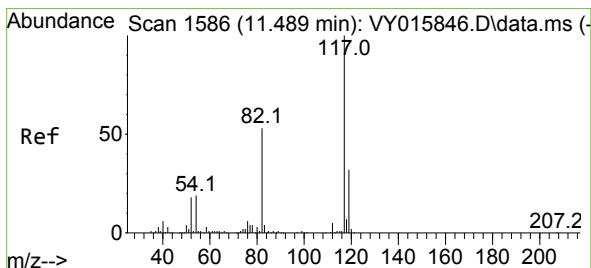
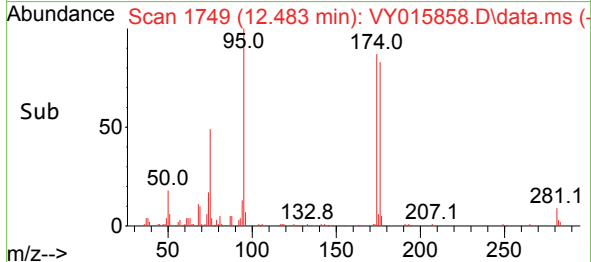
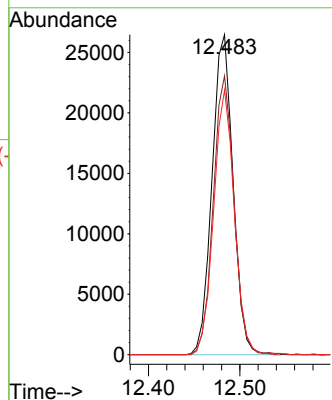
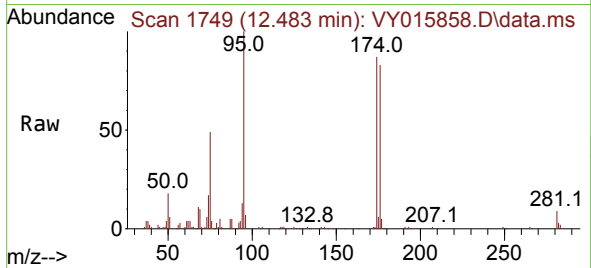




#62
4-Bromofluorobenzene
Concen: 43.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015858.D
Acq: 06 Oct 2023 13:36

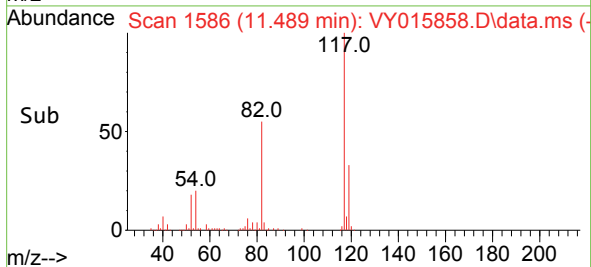
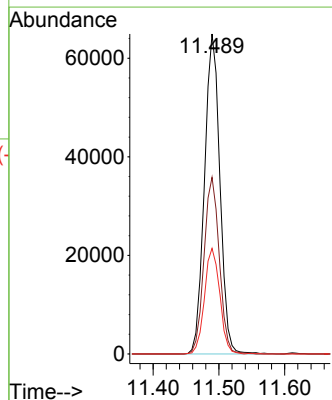
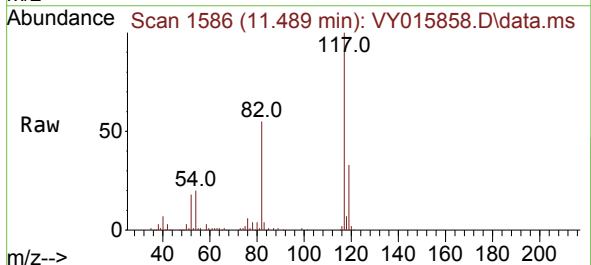
Instrument :
MSVOA_Y
ClientSampleId :

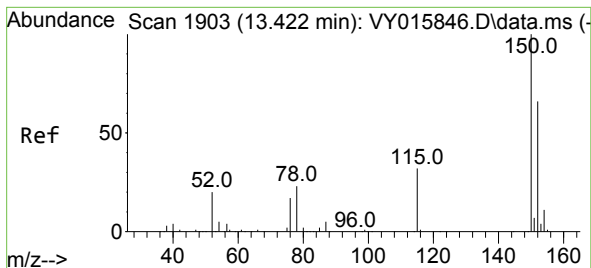
Tgt Ion: 95 Resp: 42151
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015858.D
Acq: 06 Oct 2023 13:36

Tgt Ion: 117 Resp: 105910
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 33.0 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: VY015858.D

Acq: 06 Oct 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

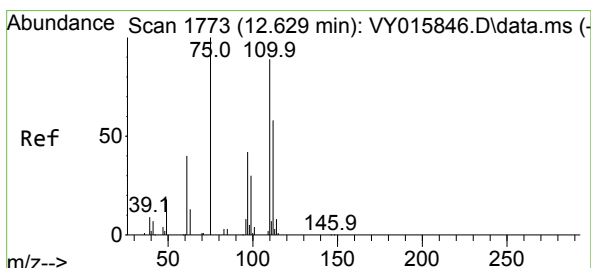
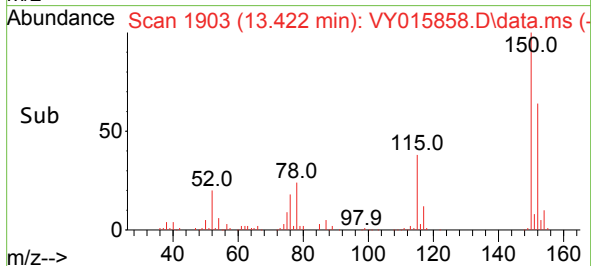
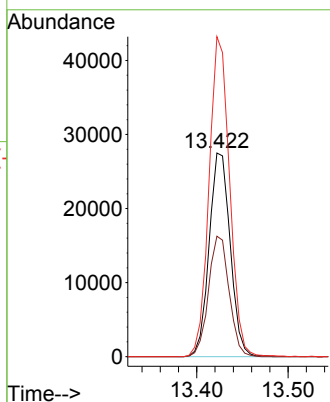
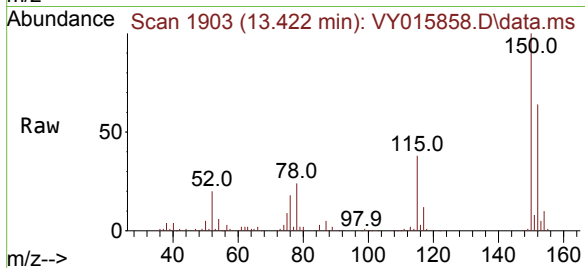
Tgt Ion:152 Resp: 43988

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 153.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 34.066 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015858.D

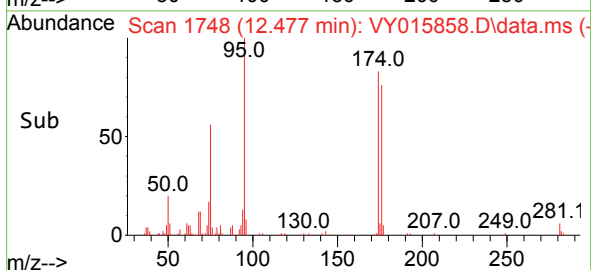
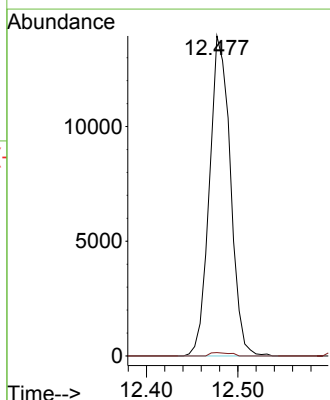
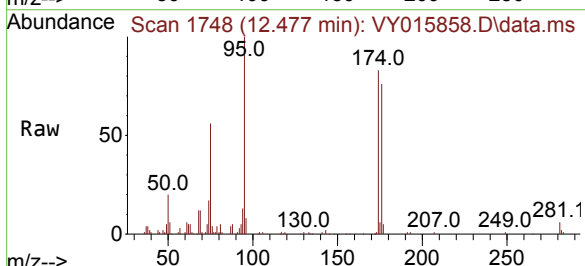
Acq: 06 Oct 2023 13:36

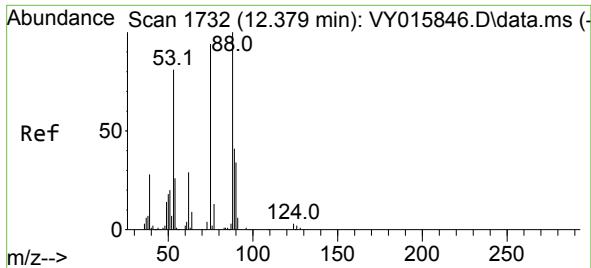
Tgt Ion: 75 Resp: 22183

Ion Ratio Lower Upper

75 100

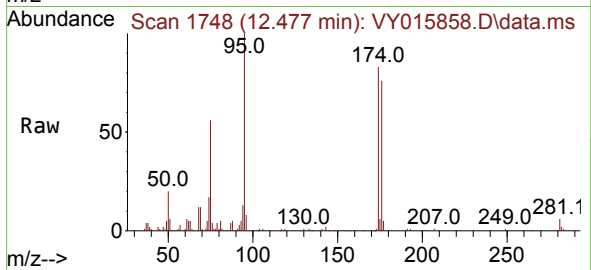
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.859 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015858.D
 Acq: 06 Oct 2023 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :



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

