

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015384.D
 Acq On : 30 Aug 2023 17:48
 Operator : SY/MD
 Sample : 04202-01
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:03:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

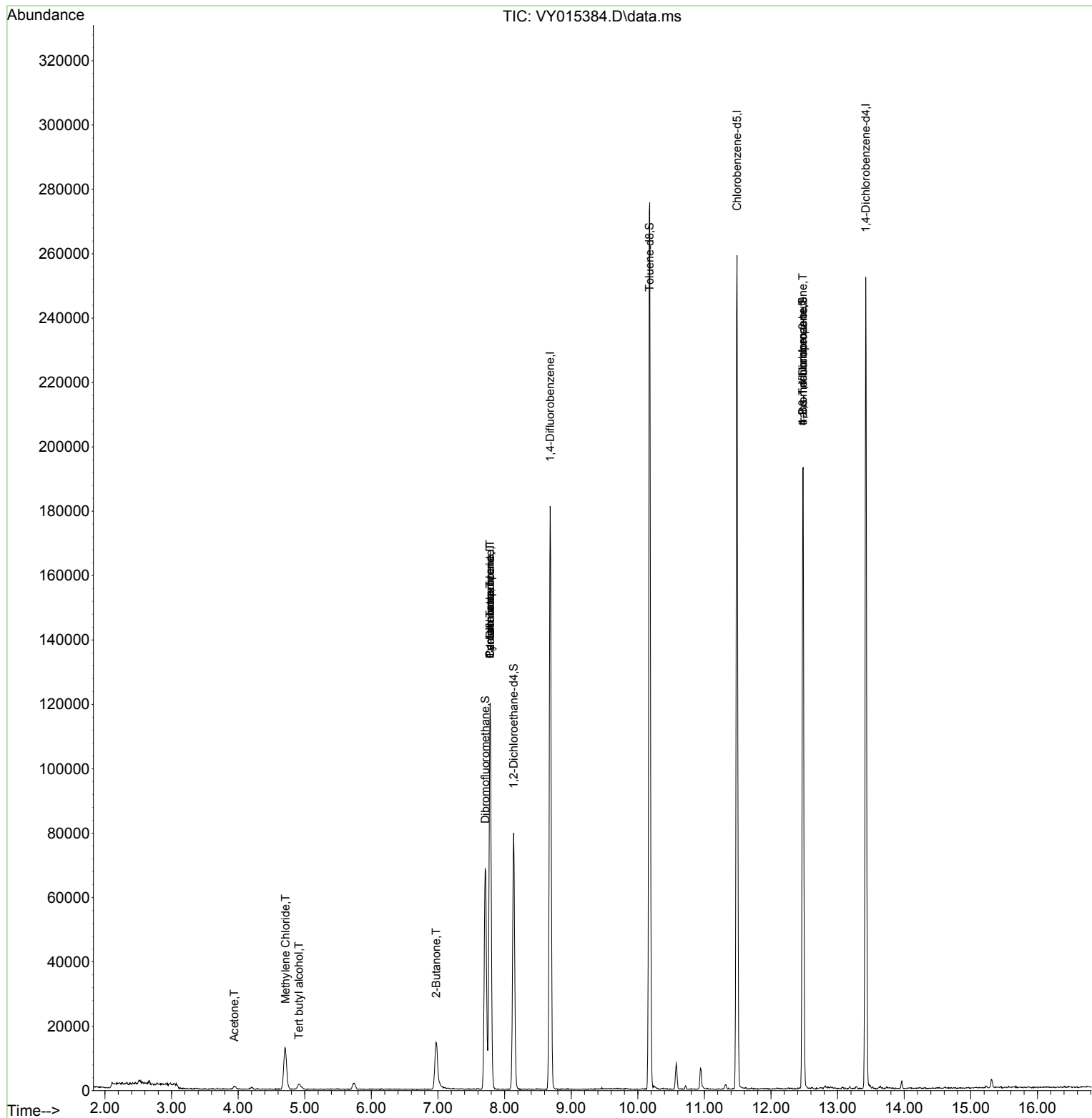
Internal Standards						
1) Pentafluorobenzene	7.783	168	92751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	155179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60633	60.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.960%	
35) Dibromofluoromethane	7.710	113	49822	55.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.480%	
50) Toluene-d8	10.179	98	183810	56.788	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.580%	
62) 4-Bromofluorobenzene	12.477	95	58454	48.646	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	1939	8.410	ug/l #	89
16) Acetone	3.942	43	1689	4.070	ug/l	96
20) Methylene Chloride	4.710	84	9544	1.258	ug/l	92
25) 2-Butanone	6.972	43	950	1.614	ug/l	99
31) Cyclohexane	7.783	56	2007	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7289	4.644	ug/l #	50
38) Carbon Tetrachloride	7.783	117	9325	5.753	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	32440	38.499	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32440	84.576	ug/l #	10

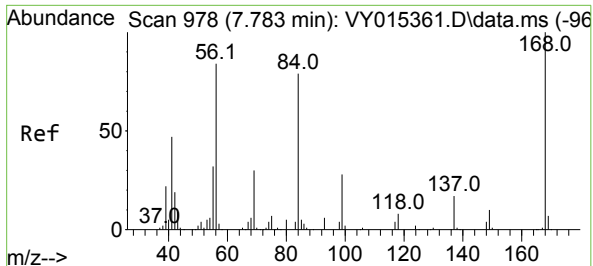
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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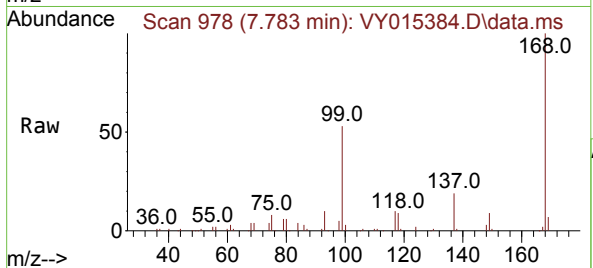
Quant Time: Aug 31 01:03:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
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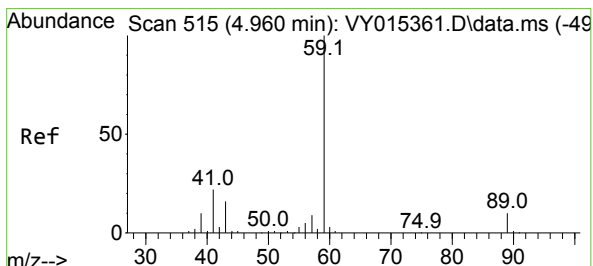
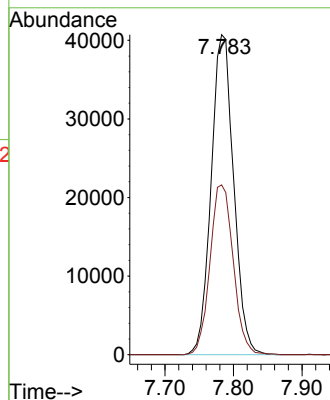
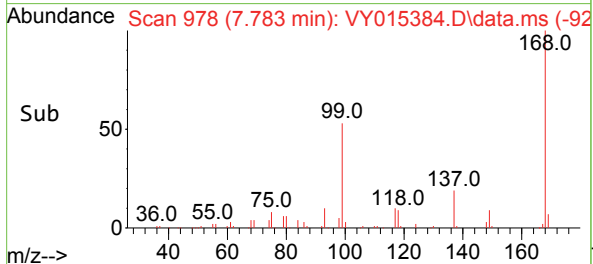


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015384.D
Acq: 30 Aug 2023 17:48

Instrument :
MSVOA_Y
ClientSampleId :

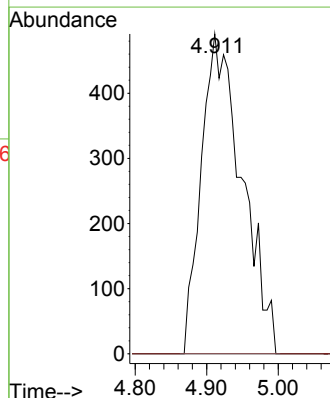
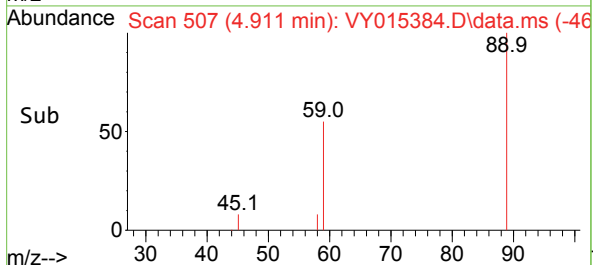
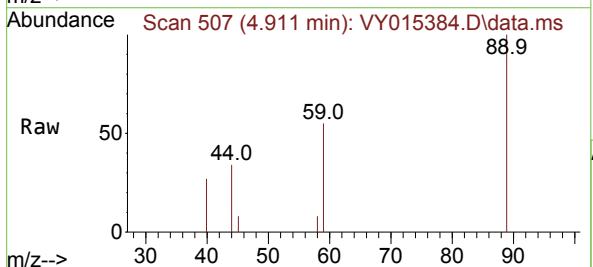


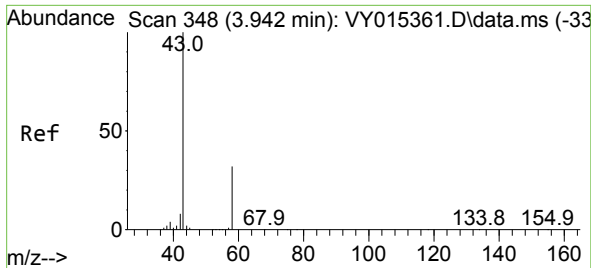
Tgt Ion:168 Resp: 92751
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.410 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY015384.D
Acq: 30 Aug 2023 17:48

Tgt Ion: 59 Resp: 1939
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 4.070 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY015384.D

Acq: 30 Aug 2023 17:48

Instrument :

MSVOA_Y

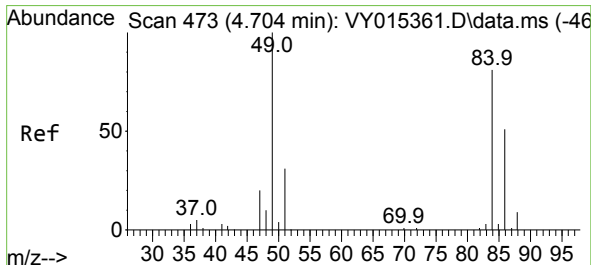
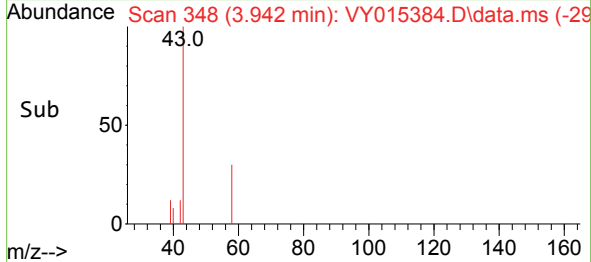
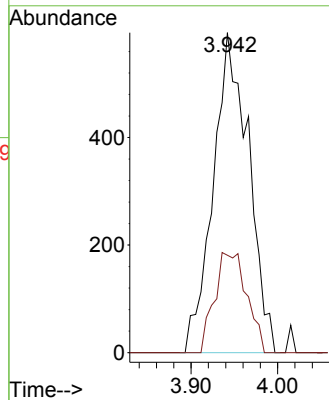
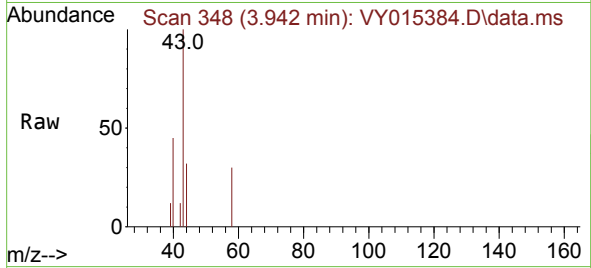
ClientSampleId :

Tgt Ion: 43 Resp: 1689

Ion Ratio Lower Upper

43 100

58 30.4 22.7 34.1



#20

Methylene Chloride

Concen: 1.258 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015384.D

Acq: 30 Aug 2023 17:48

Tgt Ion: 84 Resp: 9544

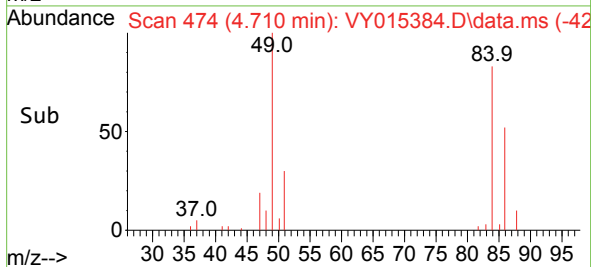
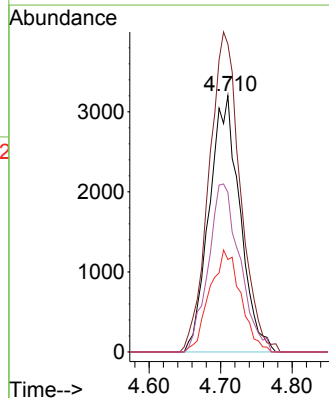
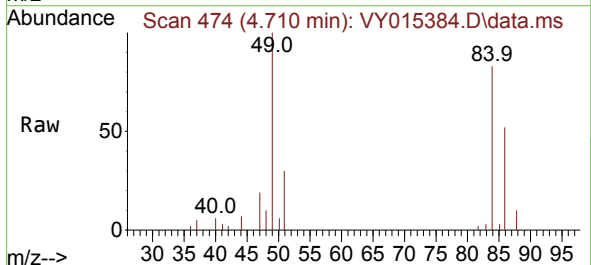
Ion Ratio Lower Upper

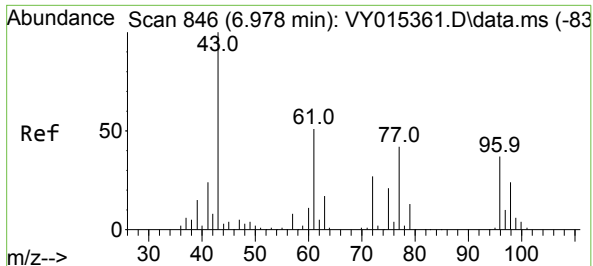
84 100

49 120.1 106.9 160.3

51 36.1 33.2 49.8

86 62.2 51.0 76.6





#25

2-Butanone

Concen: 1.614 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

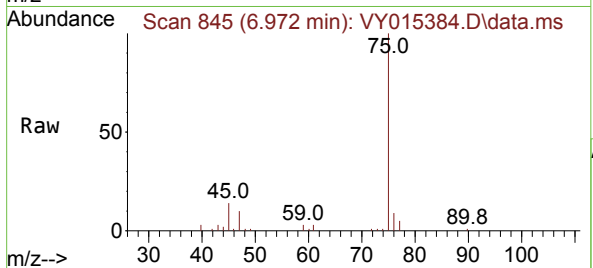
Lab File: VY015384.D

Acq: 30 Aug 2023 17:48

Instrument :

MSVOA_Y

ClientSampleId :

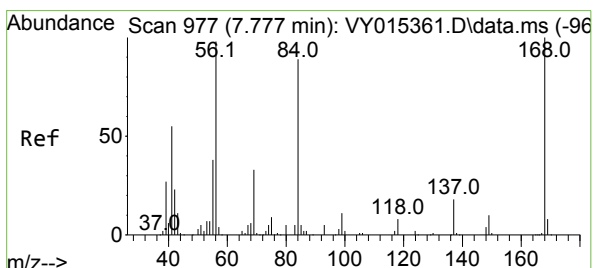
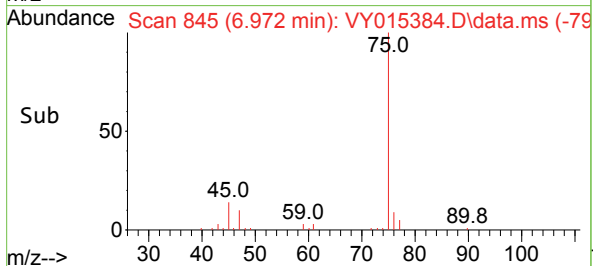
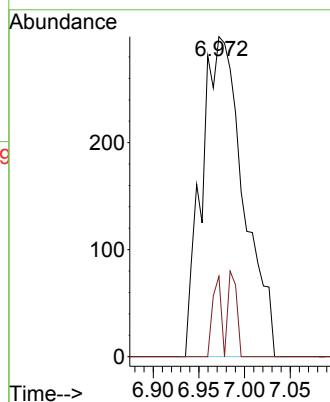


Tgt Ion: 43 Resp: 950

Ion Ratio Lower Upper

43 100

72 25.1 20.5 30.7



#31

Cyclohexane

Concen: 1.136 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY015384.D

Acq: 30 Aug 2023 17:48

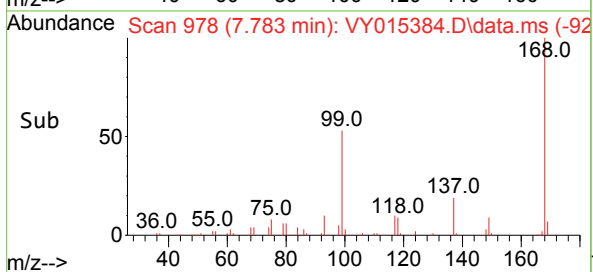
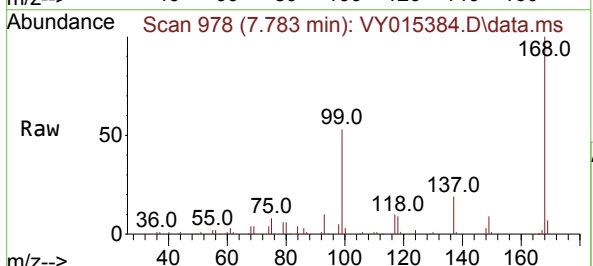
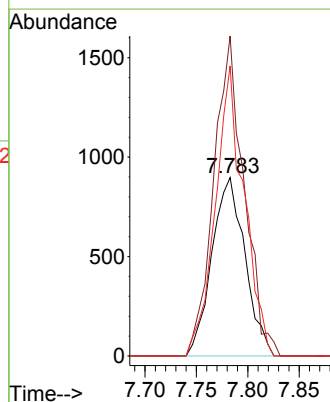
Tgt Ion: 56 Resp: 2007

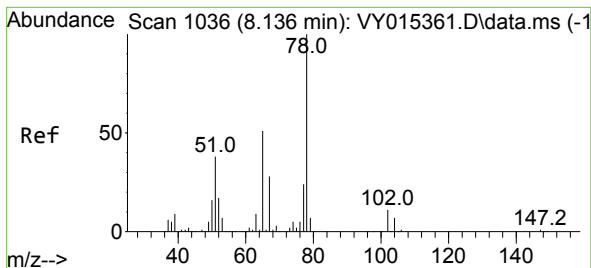
Ion Ratio Lower Upper

56 100

69 179.4 27.8 41.6#

84 162.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.982 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015384.D

Acq: 30 Aug 2023 17:48

Instrument :

MSVOA_Y

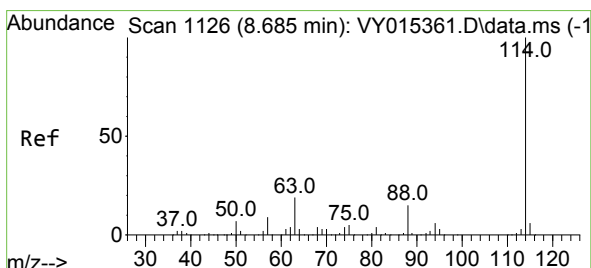
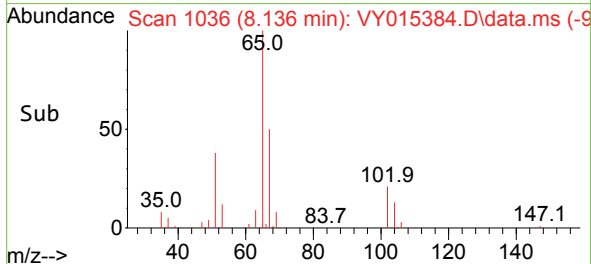
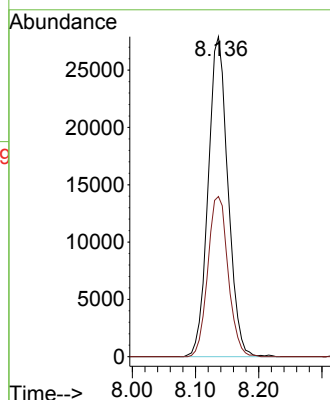
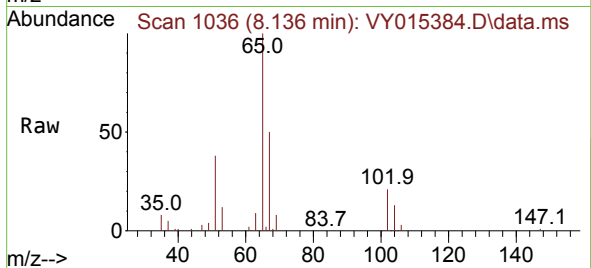
ClientSampleId :

Tgt Ion: 65 Resp: 60633

Ion Ratio Lower Upper

65 100

67 51.4 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: VY015384.D

Acq: 30 Aug 2023 17:48

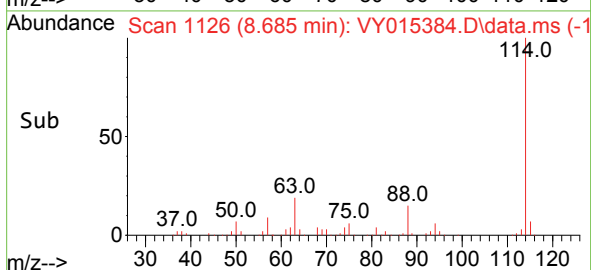
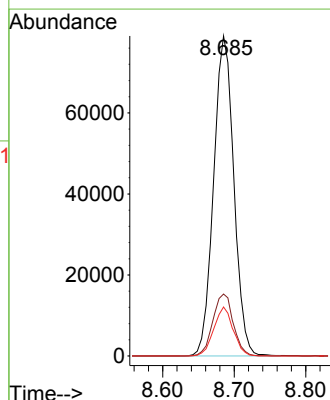
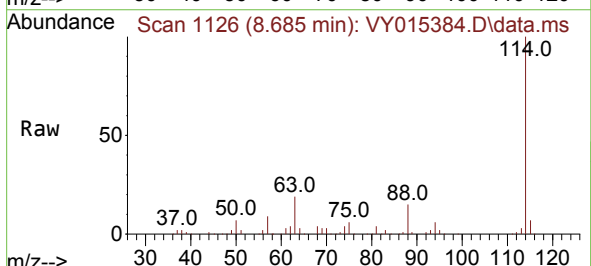
Tgt Ion: 114 Resp: 155179

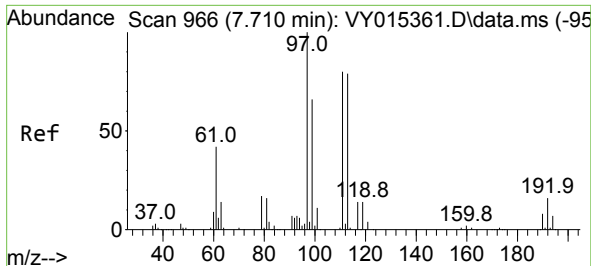
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.3 0.0 30.6

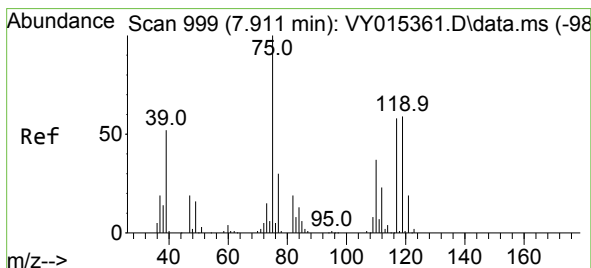
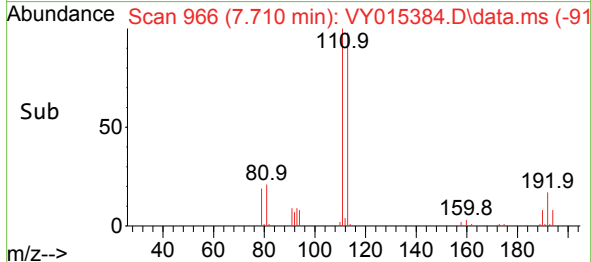
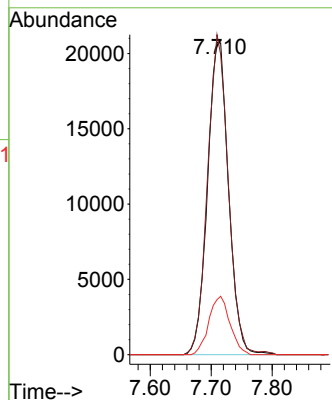
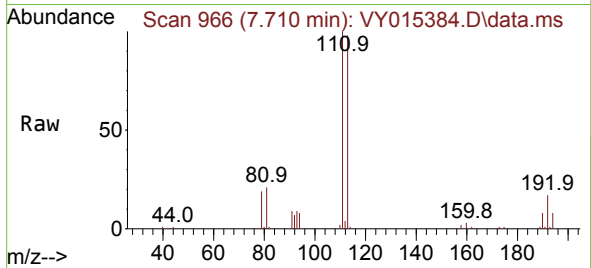




#35
Dibromofluoromethane
Concen: 55.742 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015384.D
Acq: 30 Aug 2023 17:48

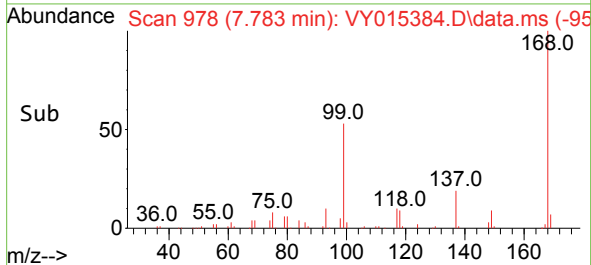
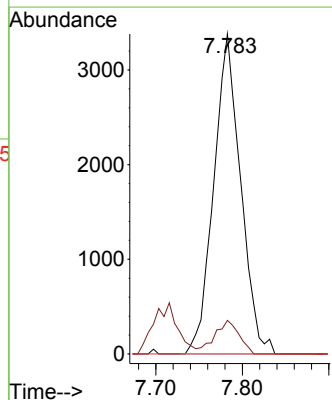
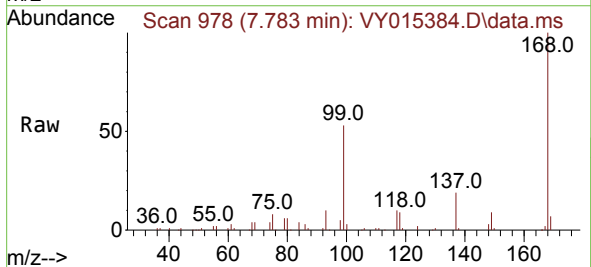
Instrument :
MSVOA_Y
ClientSampleId :

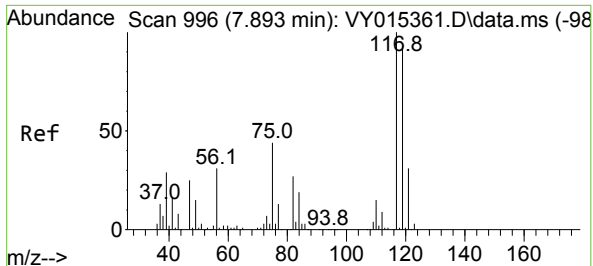
Tgt Ion:113 Resp: 49822
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015384.D
Acq: 30 Aug 2023 17:48

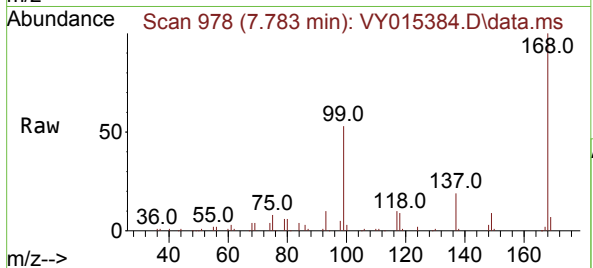
Tgt Ion: 75 Resp: 7289
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



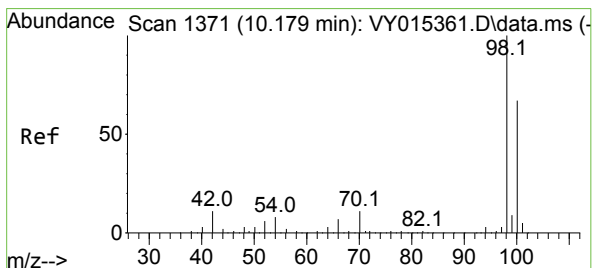
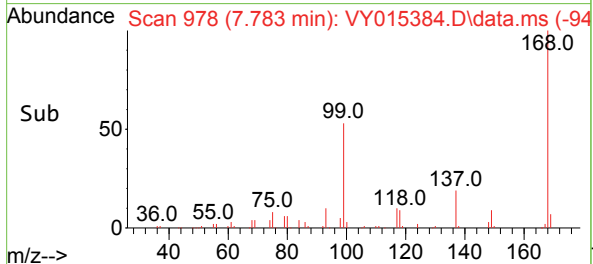
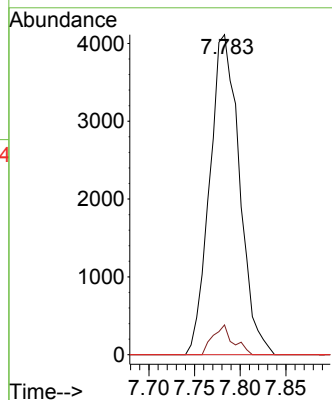


#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015384.D
Acq: 30 Aug 2023 17:48

Instrument :
MSVOA_Y
ClientSampleId :

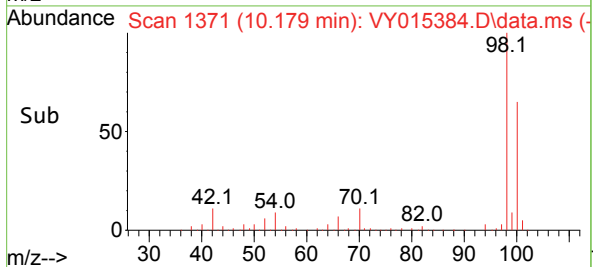
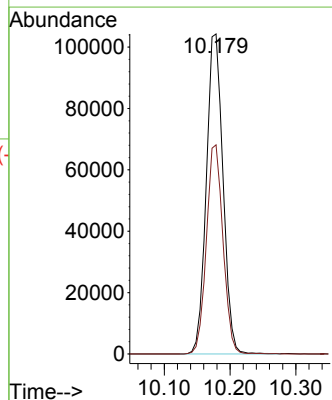
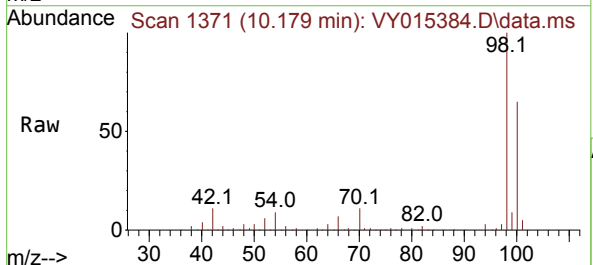


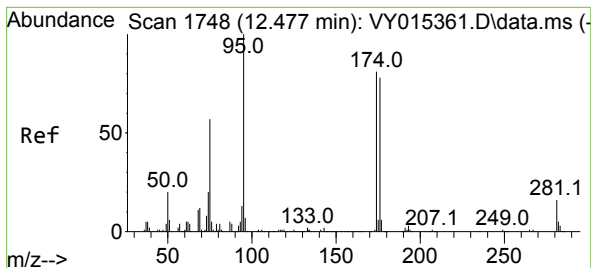
Tgt Ion:117 Resp: 9325
Ion Ratio Lower Upper
117 100
119 9.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.788 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015384.D
Acq: 30 Aug 2023 17:48

Tgt Ion: 98 Resp: 183810
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

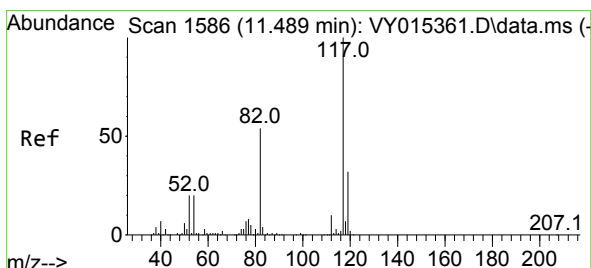
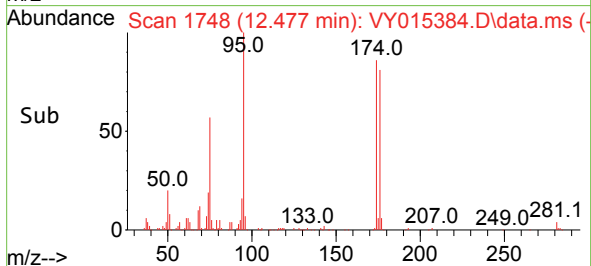
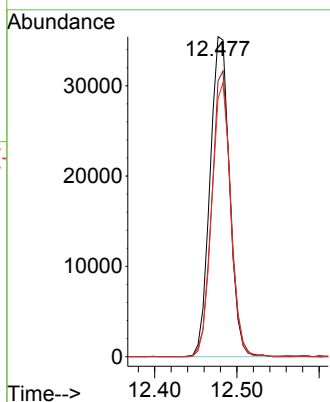
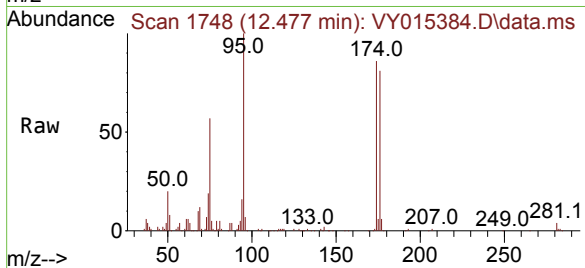




#62
4-Bromofluorobenzene
Concen: 48.646 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015384.D
Acq: 30 Aug 2023 17:48

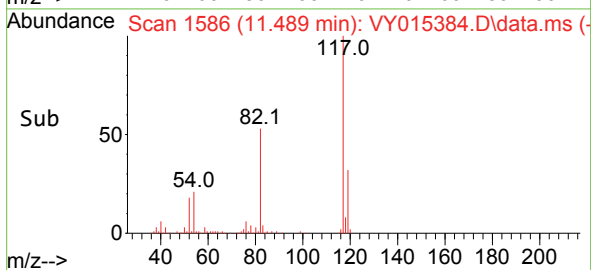
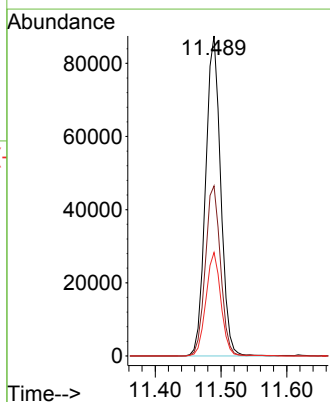
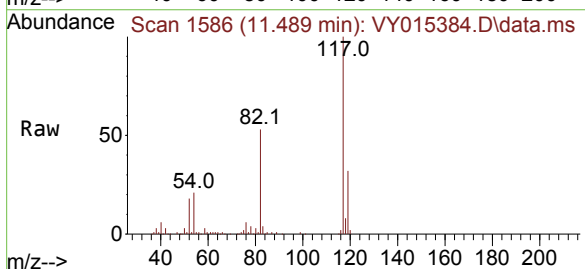
Instrument :
MSVOA_Y
ClientSampleId :

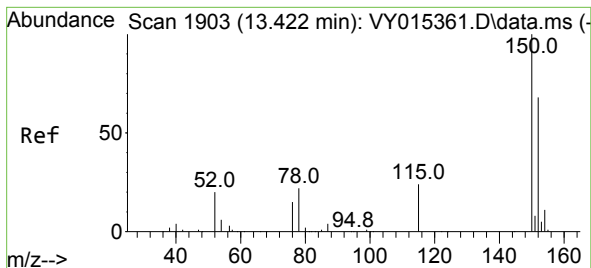
Tgt Ion: 95 Resp: 58454
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015384.D
Acq: 30 Aug 2023 17:48

Tgt Ion: 117 Resp: 139591
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.3 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: VY015384.D

Acq: 30 Aug 2023 17:48

Instrument :

MSVOA_Y

ClientSampleId :

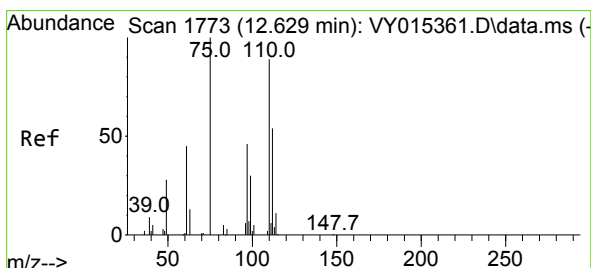
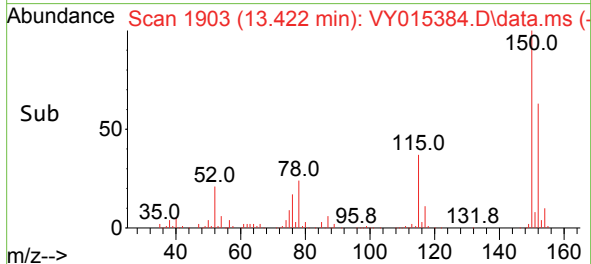
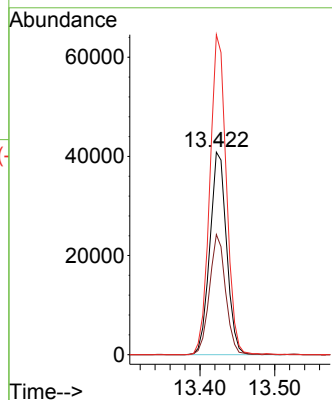
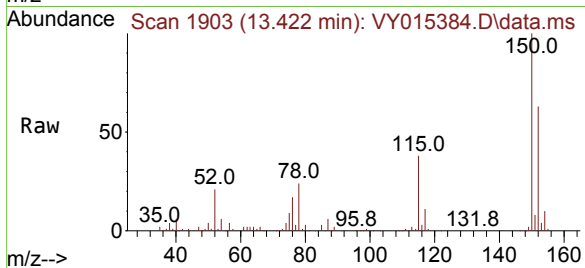
Tgt Ion:152 Resp: 63803

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 155.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.499 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015384.D

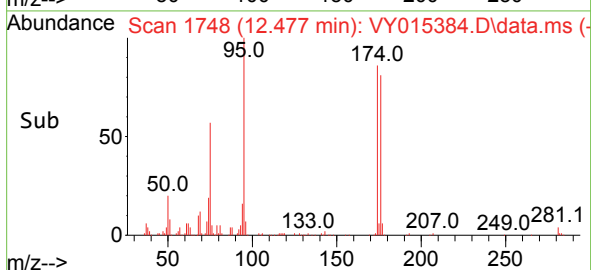
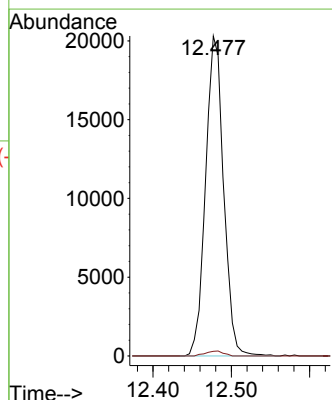
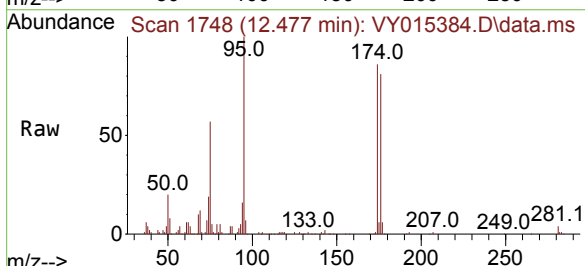
Acq: 30 Aug 2023 17:48

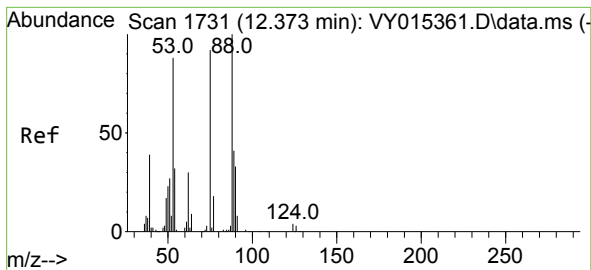
Tgt Ion: 75 Resp: 32440

Ion Ratio Lower Upper

75 100

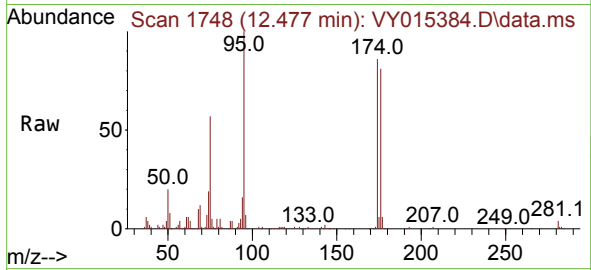
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.576 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015384.D
 Acq: 30 Aug 2023 17:48

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#

