

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018654.D
 Acq On : 20 Jun 2024 14:15
 Operator : SY/MD
 Sample : P2955-06
 Misc : 4.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 01:06:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

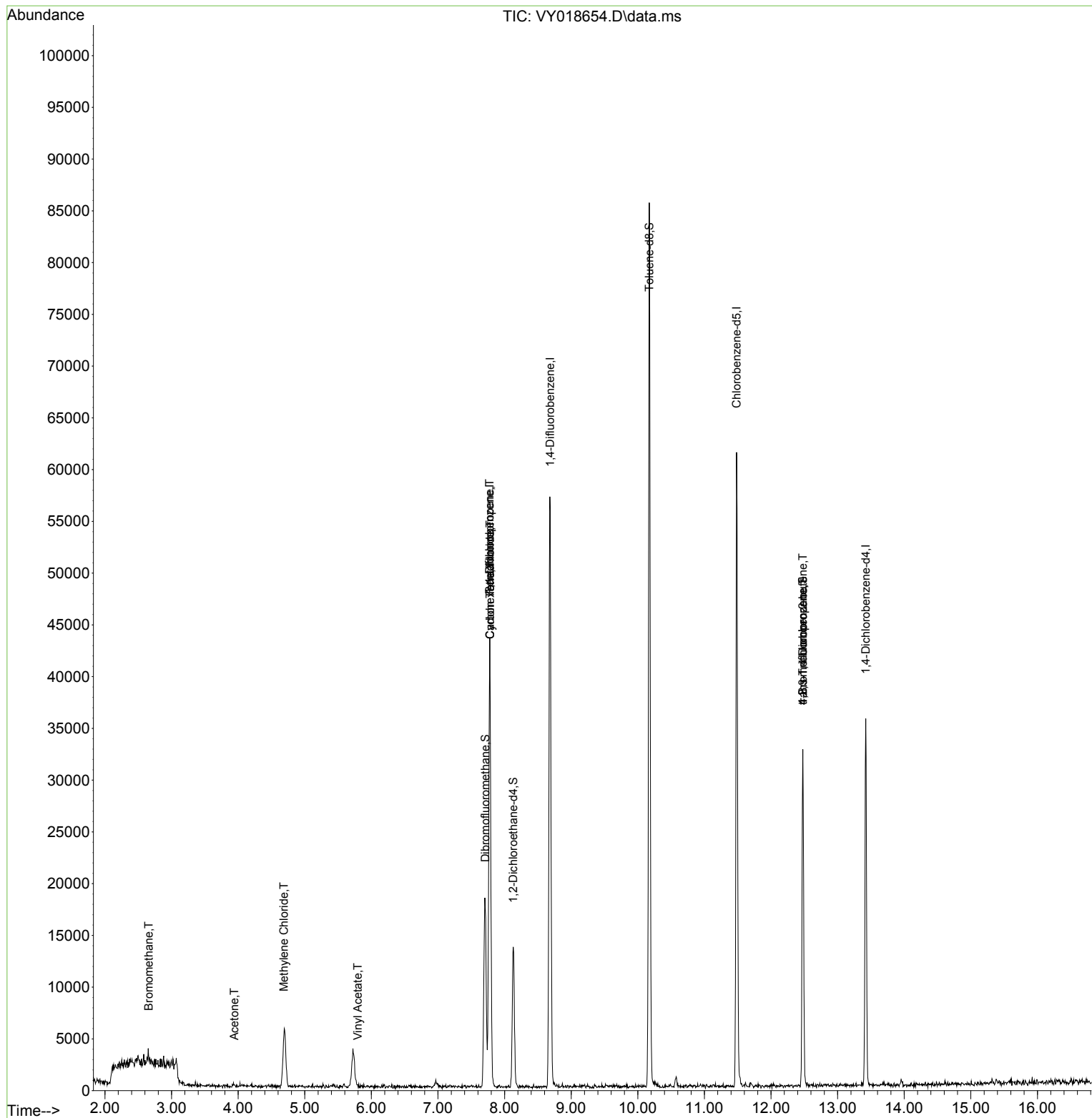
Internal Standards						
1) Pentafluorobenzene	7.777	168	31487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	34557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10411	32.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.680%
35) Dibromofluoromethane	7.710	113	13901	43.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.080%
50) Toluene-d8	10.173	98	55616	45.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.600%
62) 4-Bromofluorobenzene	12.477	95	10377	26.765	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.520%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	453	1.152	ug/l #	66
16) Acetone	3.942	43	208	3.225	ug/l #	36
20) Methylene Chloride	4.686	84	4443	2.703	ug/l #	83
23) Vinyl Acetate	5.795	43	63	23.758	ug/l #	67
31) Cyclohexane	7.783	56	712	1.466	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	2546	5.793	ug/l #	44
38) Carbon Tetrachloride	7.783	117	3081	6.682	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	5582	62.070	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5582	162.586	ug/l #	16

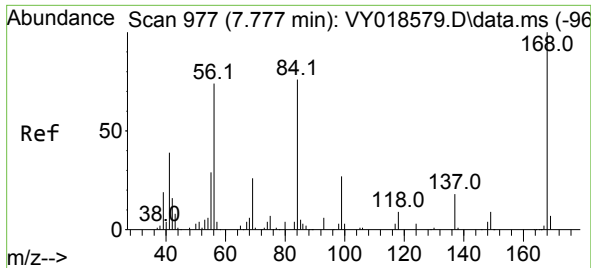
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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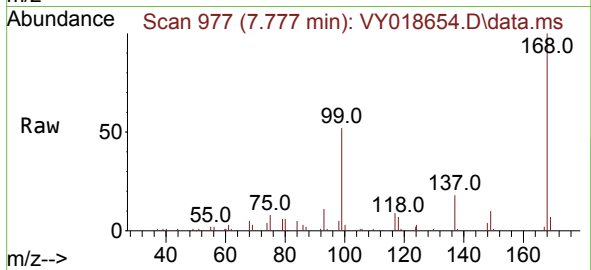
Quant Time: Jun 21 01:06:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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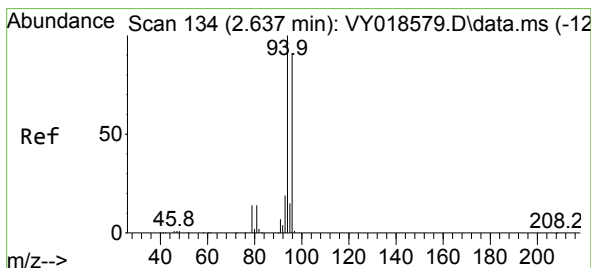
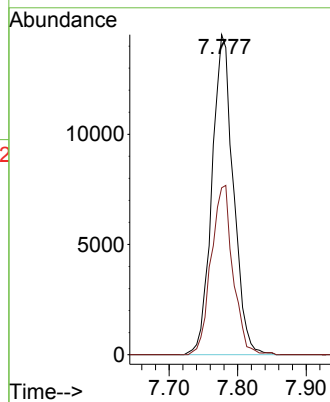
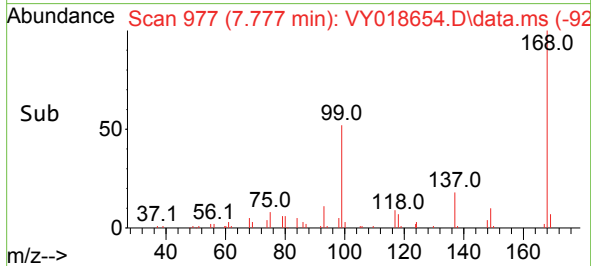


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

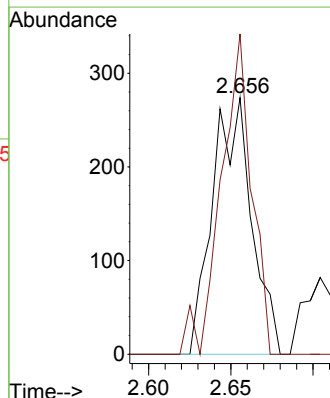
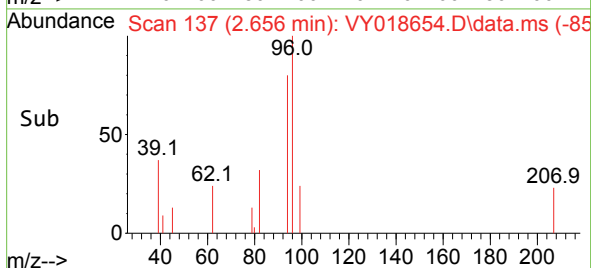
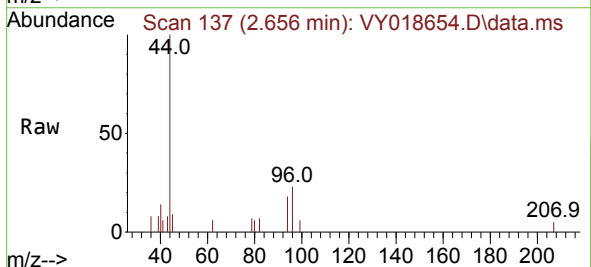


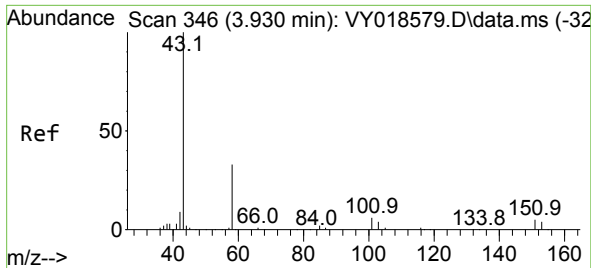
Tgt Ion:168 Resp: 31487
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#5
Bromomethane
Concen: 1.152 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

Tgt Ion: 94 Resp: 453
Ion Ratio Lower Upper
94 100
96 124.8 74.1 111.1#





#16

Acetone

Concen: 3.225 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY018654.D

Acq: 20 Jun 2024 14:15

Instrument :

MSVOA_Y

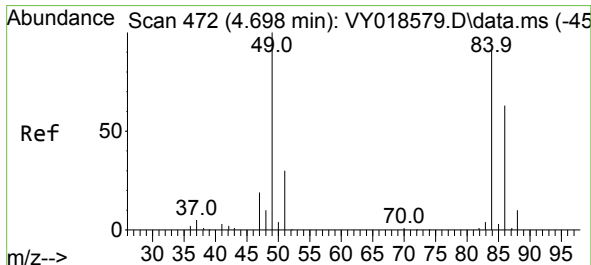
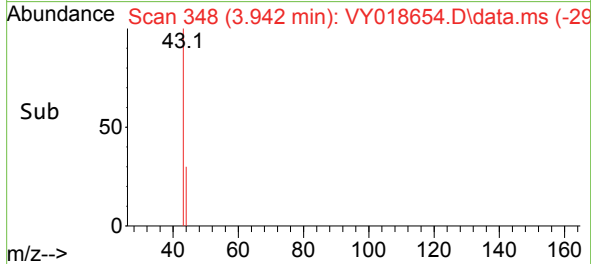
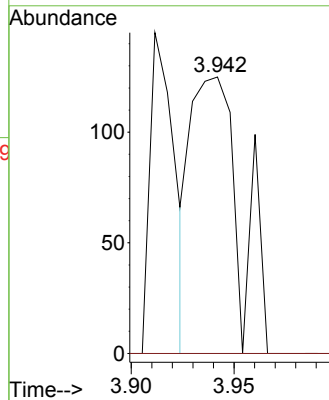
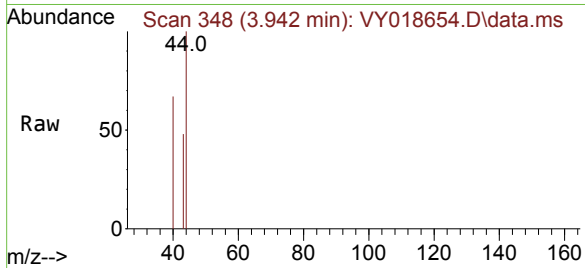
ClientSampleId :

Tgt Ion: 43 Resp: 208

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 2.703 ug/l

RT: 4.686 min Scan# 470

Delta R.T. -0.012 min

Lab File: VY018654.D

Acq: 20 Jun 2024 14:15

Tgt Ion: 84 Resp: 4443

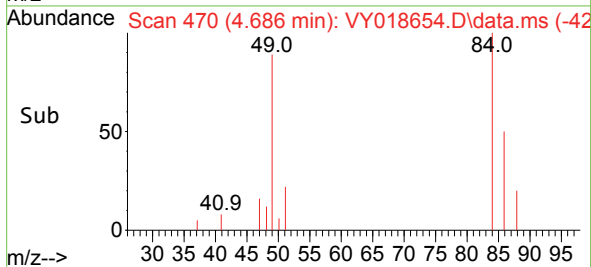
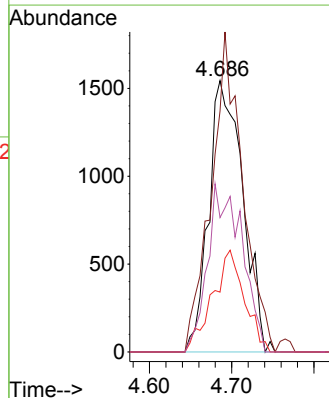
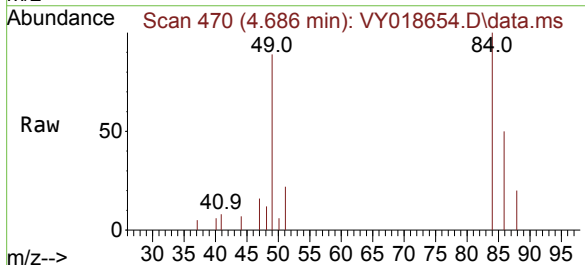
Ion Ratio Lower Upper

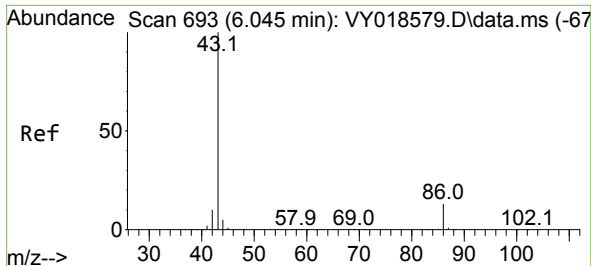
84 100

49 88.8 84.4 126.6

51 22.0 26.0 39.0#

86 49.5 49.5 74.3

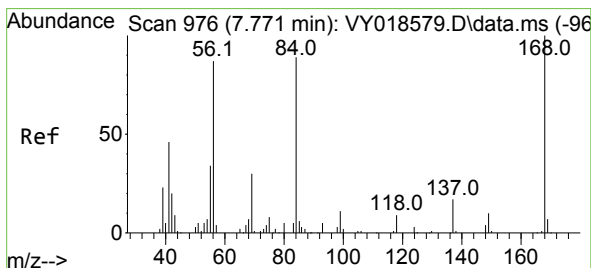
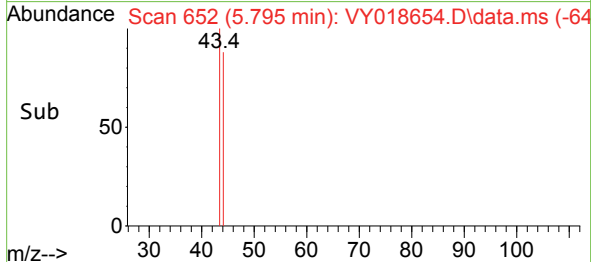
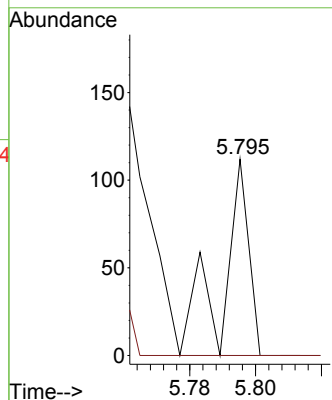
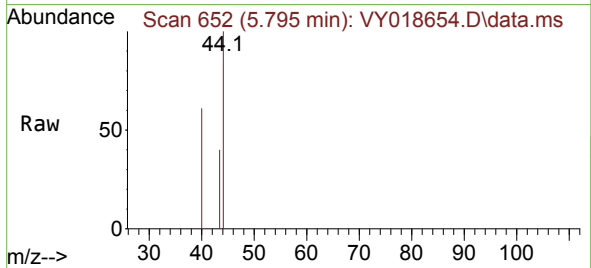




#23
 Vinyl Acetate
 Concen: 23.758 ug/l
 RT: 5.795 min Scan# 61
 Delta R.T. -0.250 min
 Lab File: VY018654.D
 Acq: 20 Jun 2024 14:15

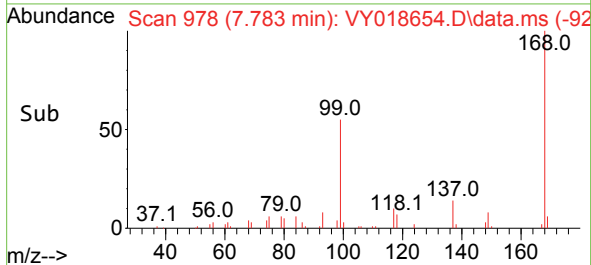
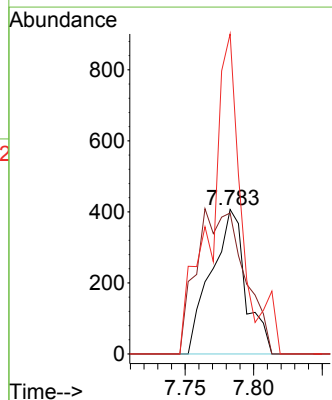
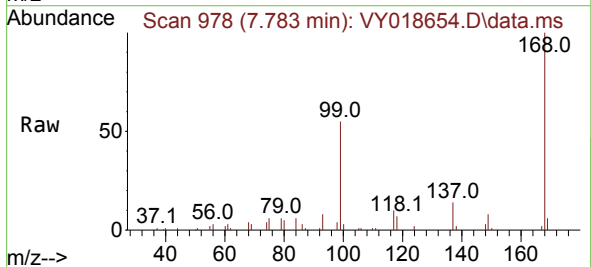
Instrument :
 MSVOA_Y
 ClientSampleId :

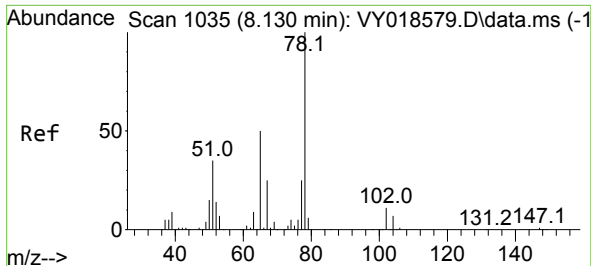
Tgt Ion: 43 Resp: 63
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.466 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. 0.012 min
 Lab File: VY018654.D
 Acq: 20 Jun 2024 14:15

Tgt Ion: 56 Resp: 712
 Ion Ratio Lower Upper
 56 100
 69 97.5 28.7 43.1#
 84 221.4 77.7 116.5#

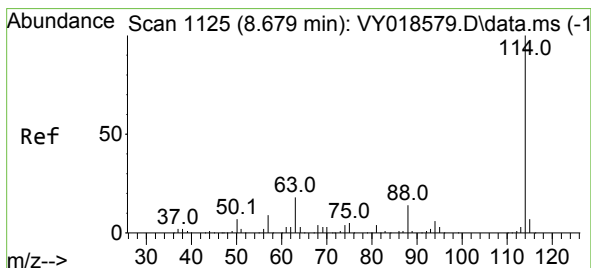
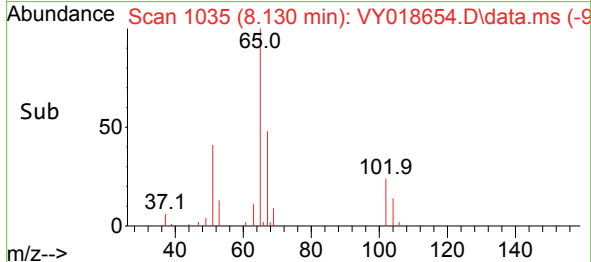
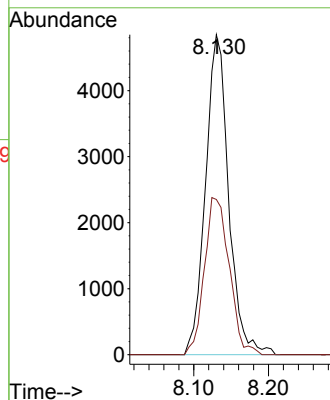
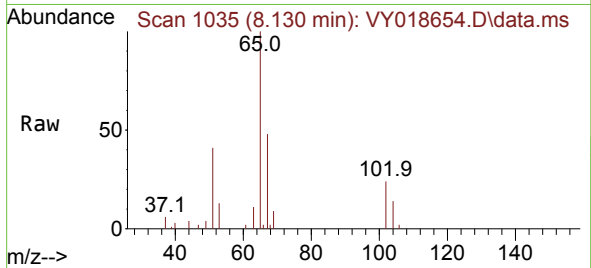




#33
 1,2-Dichloroethane-d4
 Concen: 32.841 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VY018654.D
 Acq: 20 Jun 2024 14:15

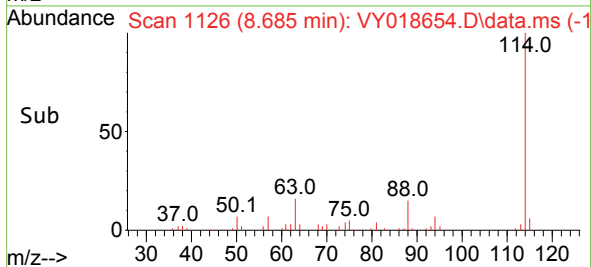
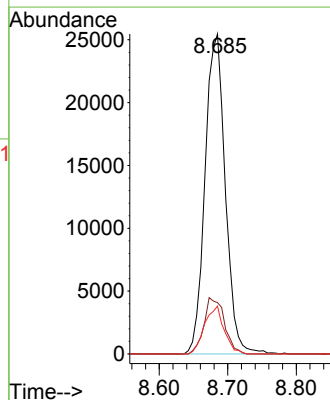
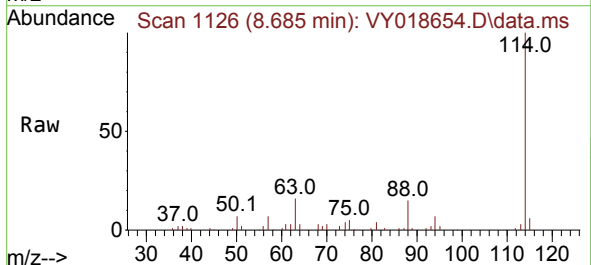
Instrument :
 MSVOA_Y
 ClientSampleId :

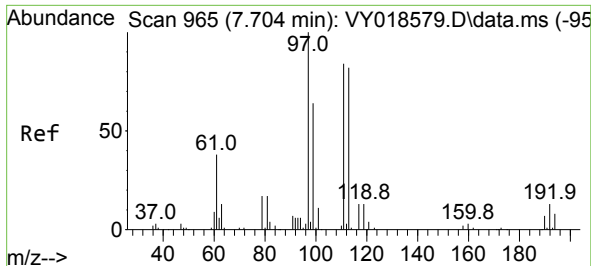
Tgt Ion: 65 Resp: 10411
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY018654.D
 Acq: 20 Jun 2024 14:15

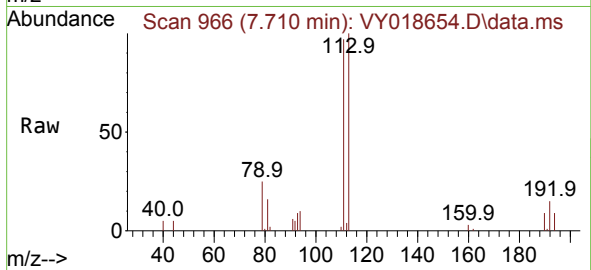
Tgt Ion:114 Resp: 52339
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 35.0
 88 15.0 0.0 27.2



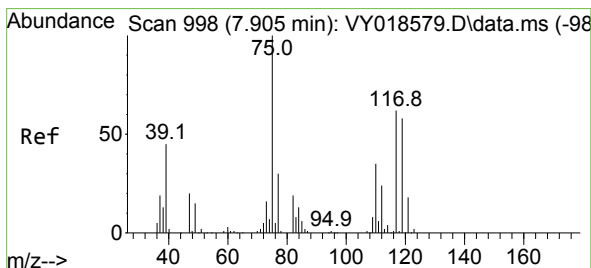
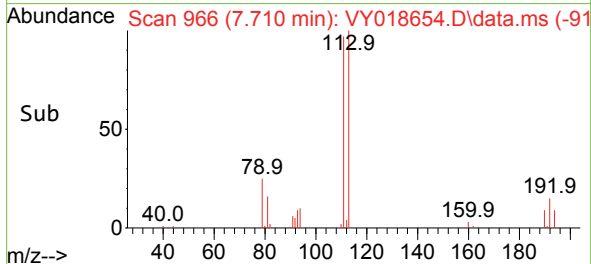
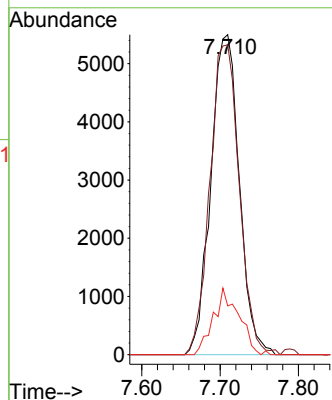


#35
 Dibromofluoromethane
 Concen: 43.539 ug/l
 RT: 7.710 min Scan# 901
 Delta R.T. 0.006 min
 Lab File: VY018654.D
 Acq: 20 Jun 2024 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :

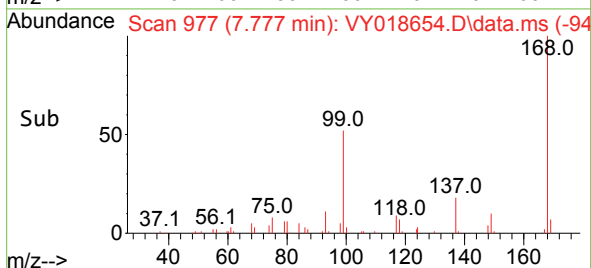
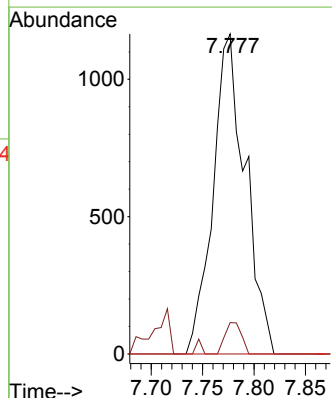
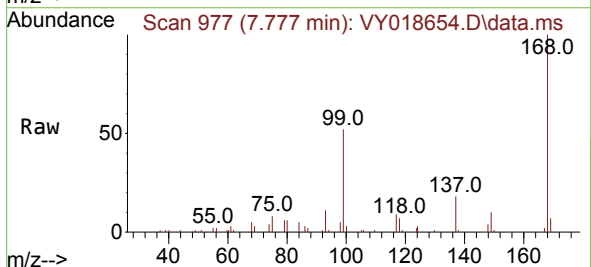


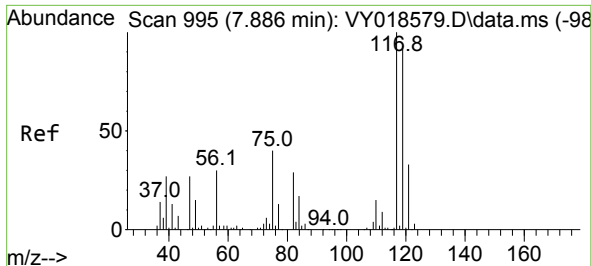
Tgt Ion:113 Resp: 13901
 Ion Ratio Lower Upper
 113 100
 111 99.5 82.2 123.4
 192 18.7 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 5.793 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.128 min
 Lab File: VY018654.D
 Acq: 20 Jun 2024 14:15

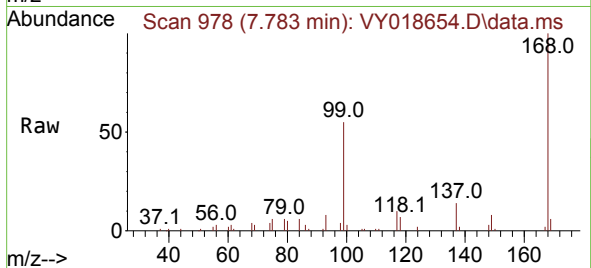
Tgt Ion: 75 Resp: 2546
 Ion Ratio Lower Upper
 75 100
 110 5.0 19.0 57.0#
 77 0.0 25.3 37.9#



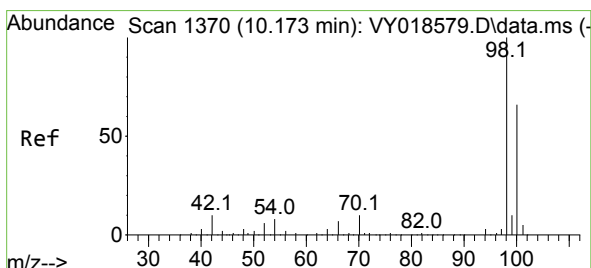
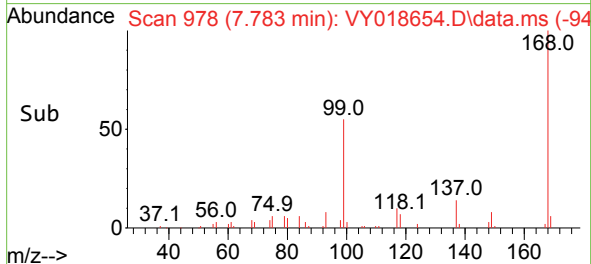
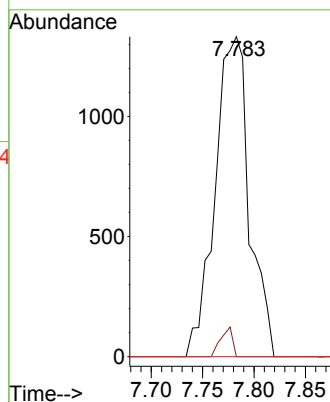


#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

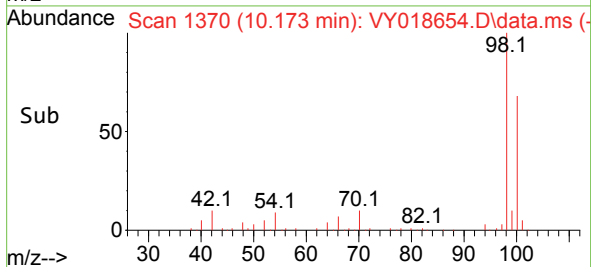
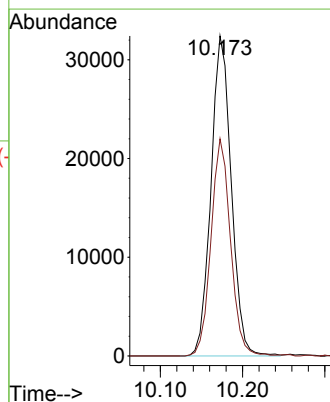
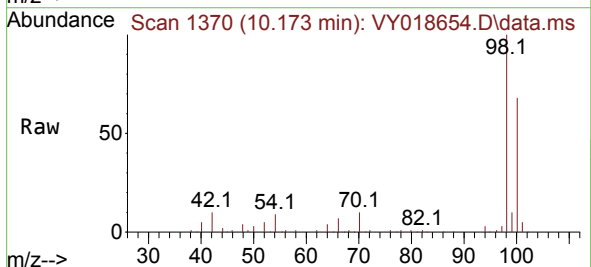


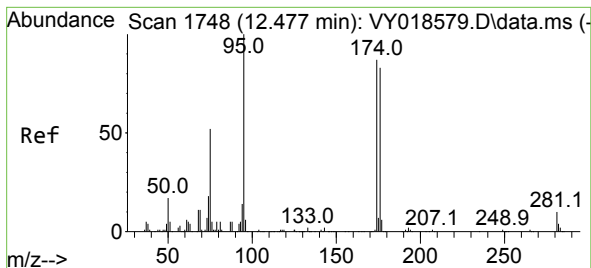
Tgt Ion:117 Resp: 3081
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.296 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

Tgt Ion: 98 Resp: 55616
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

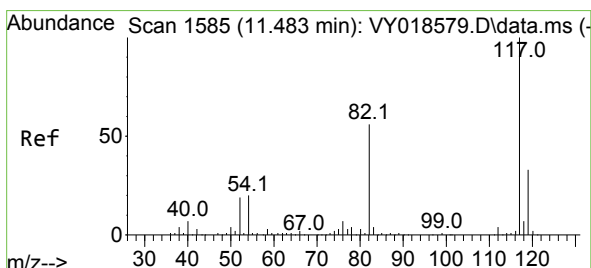
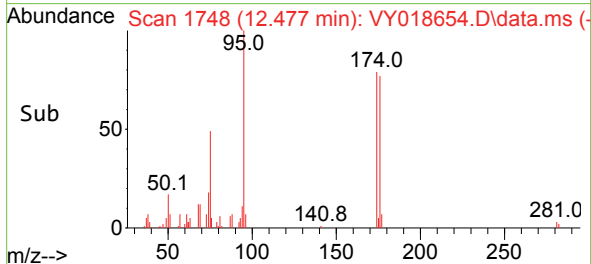
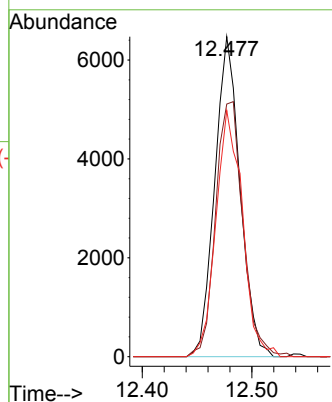
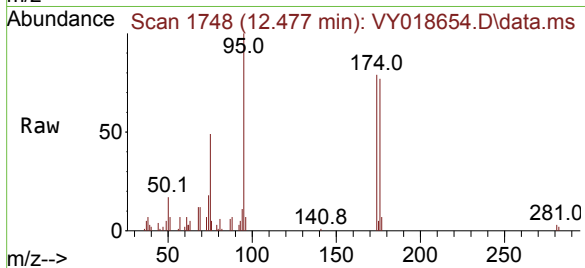




#62
4-Bromofluorobenzene
Concen: 26.765 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

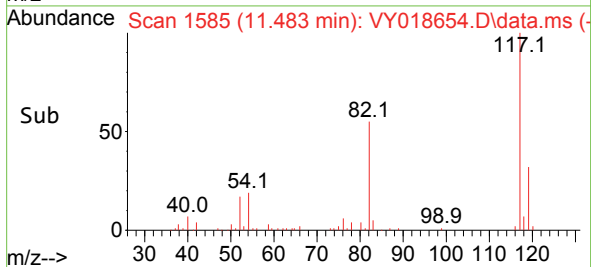
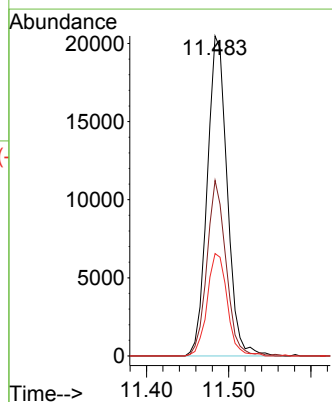
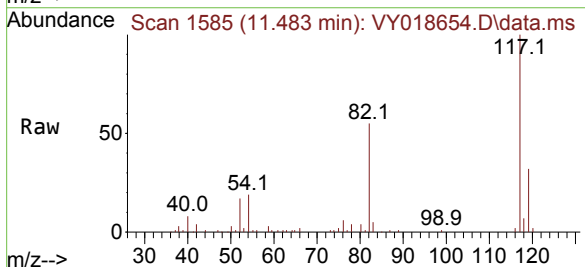
Instrument :
MSVOA_Y
ClientSampleId :

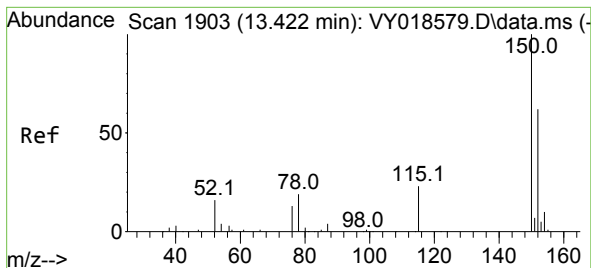
Tgt Ion: 95 Resp: 10377
Ion Ratio Lower Upper
95 100
174 86.3 0.0 175.6
176 80.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

Tgt Ion: 117 Resp: 34557
Ion Ratio Lower Upper
117 100
82 54.9 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018654.D

Acq: 20 Jun 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

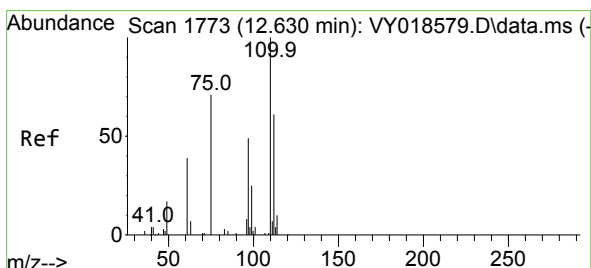
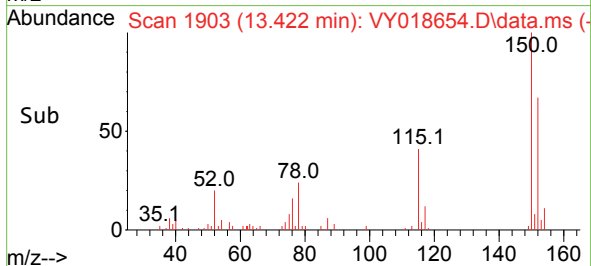
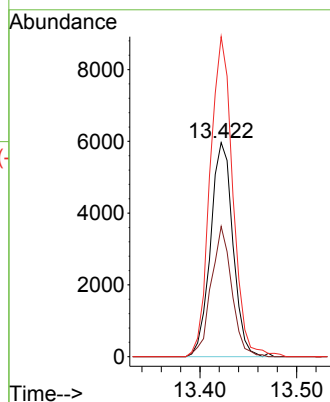
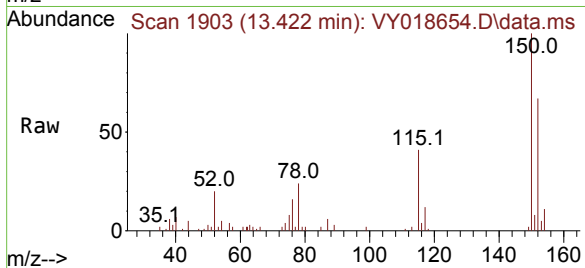
Tgt Ion:152 Resp: 9587

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 151.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 62.070 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018654.D

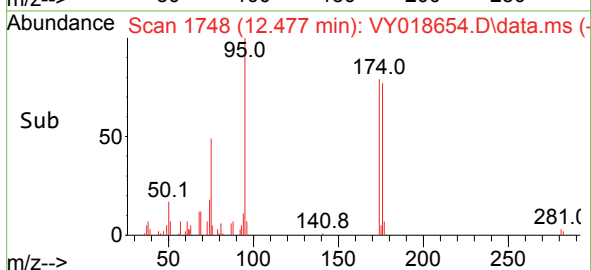
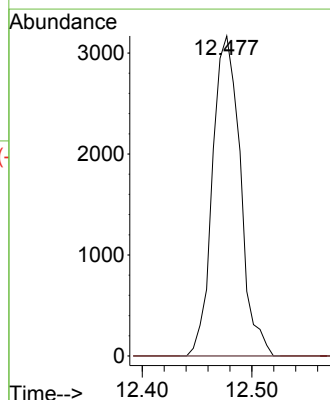
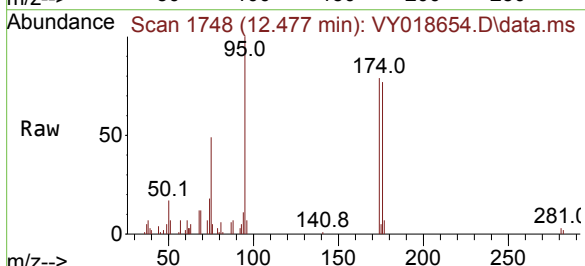
Acq: 20 Jun 2024 14:15

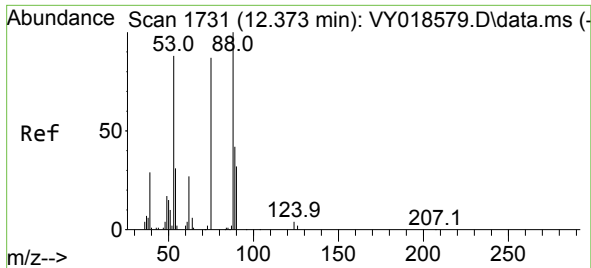
Tgt Ion: 75 Resp: 5582

Ion Ratio Lower Upper

75 100

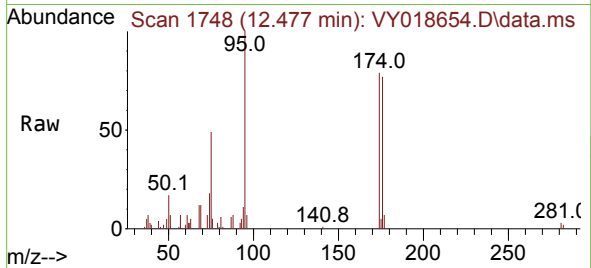
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 162.586 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018654.D
Acq: 20 Jun 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	5582
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

