

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018596.D
 Acq On : 14 Jun 2024 15:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 14 23:24:07 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)

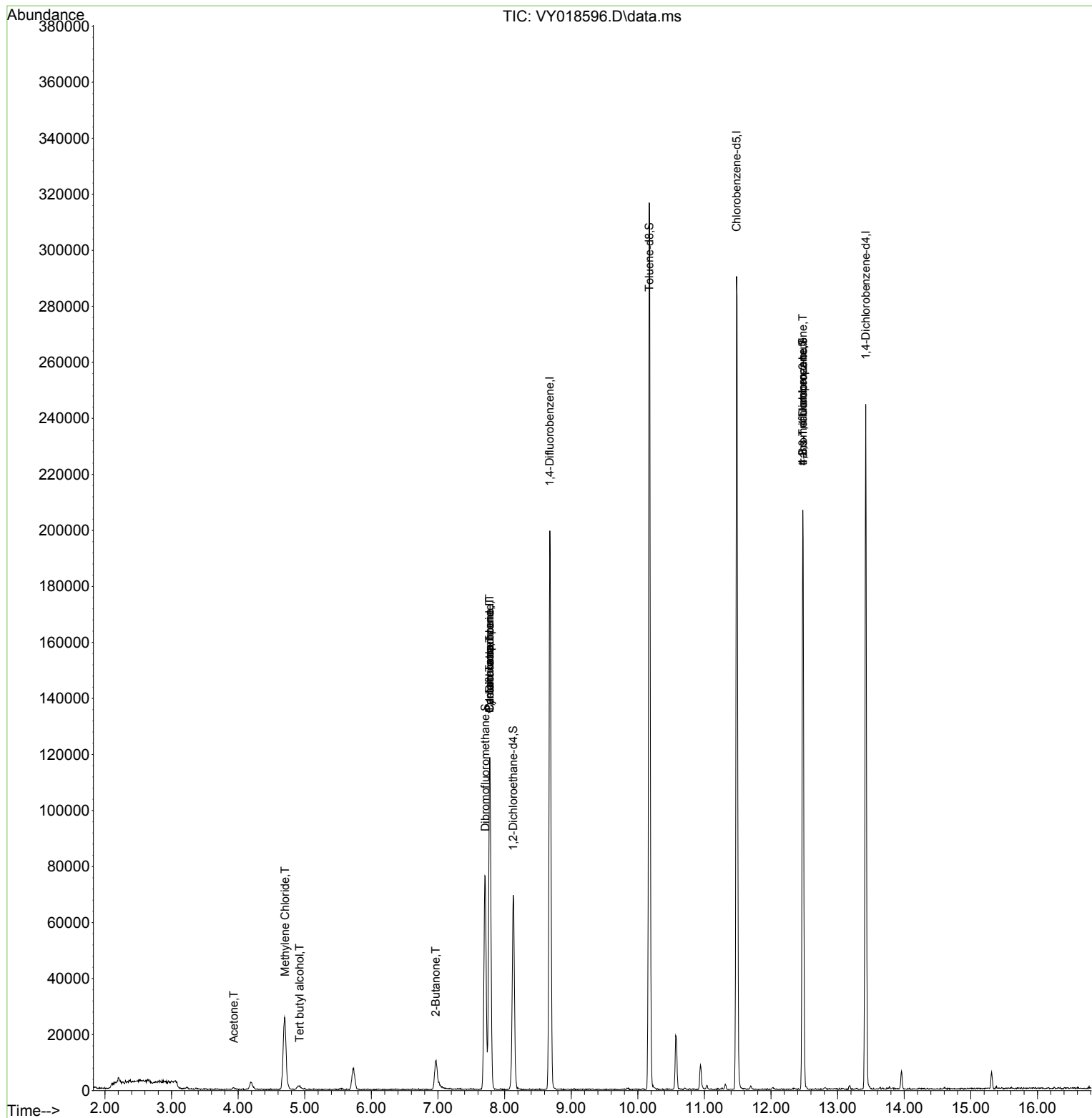
Internal Standards						
1) Pentafluorobenzene	7.777	168	90697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	174844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	158330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52110	57.068	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.140%			
35) Dibromofluoromethane	7.710	113	54171	50.789	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.580%			
50) Toluene-d8	10.173	98	206341	50.306	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.477	95	57400	44.318	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.640%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	1743	10.612	ug/l #	88
16) Acetone	3.936	43	1032	5.555	ug/l	93
20) Methylene Chloride	4.704	84	19478	9.811	ug/l #	91
25) 2-Butanone	6.966	43	675	2.424	ug/l #	41
31) Cyclohexane	7.777	56	2245	1.605	ug/l #	6
36) 1,1-Dichloropropene	7.777	75	7967	5.427	ug/l #	48
38) Carbon Tetrachloride	7.777	117	9690	6.291	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	32214	57.898	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32214	151.657	ug/l #	16

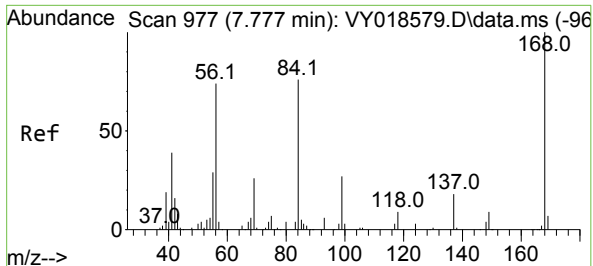
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
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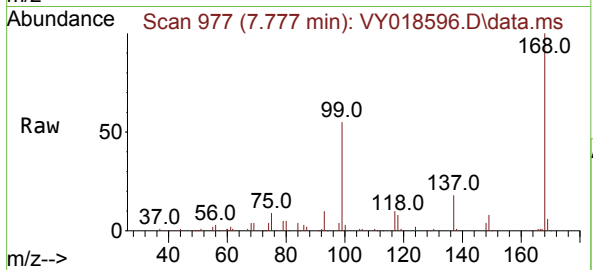
Quant Time: Jun 14 23:24:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
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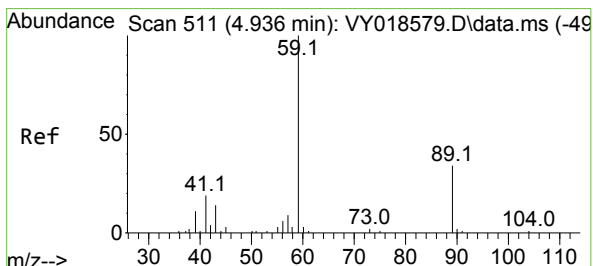
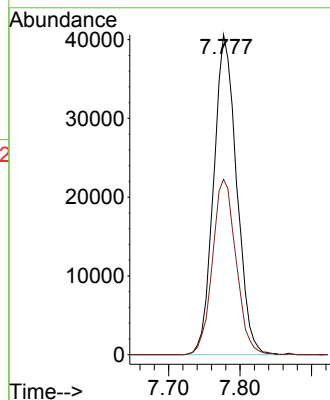
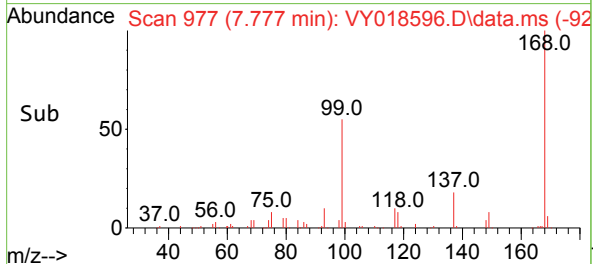


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :

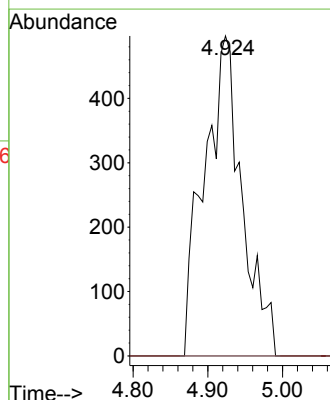
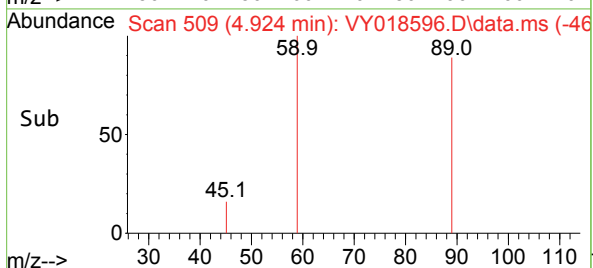
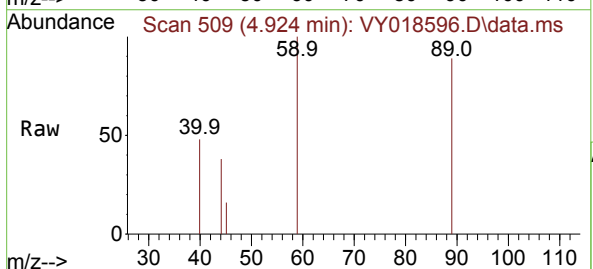


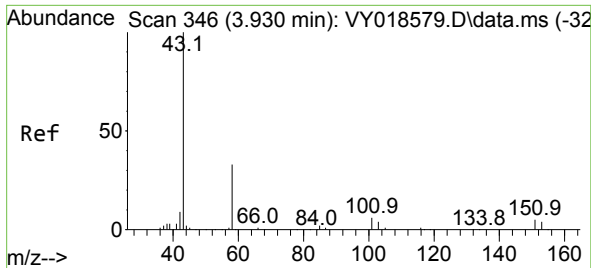
Tgt Ion:168 Resp: 90697
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 10.612 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.012 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Tgt Ion: 59 Resp: 1743
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.555 ug/l

RT: 3.936 min Scan# 346

Delta R.T. 0.006 min

Lab File: VY018596.D

Acq: 14 Jun 2024 15:45

Instrument :

MSVOA_Y

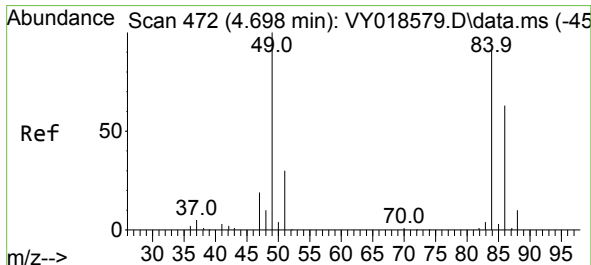
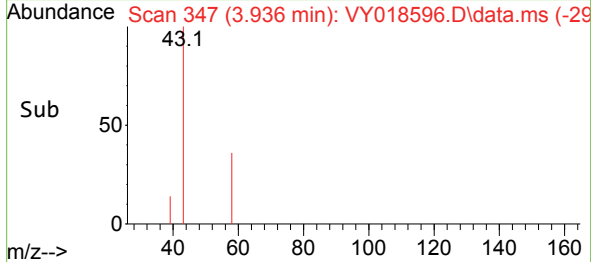
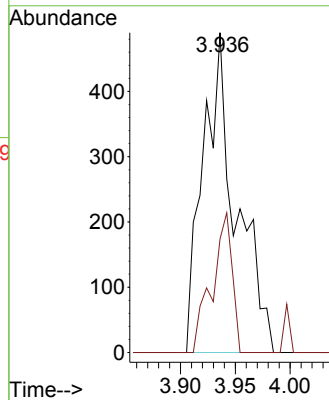
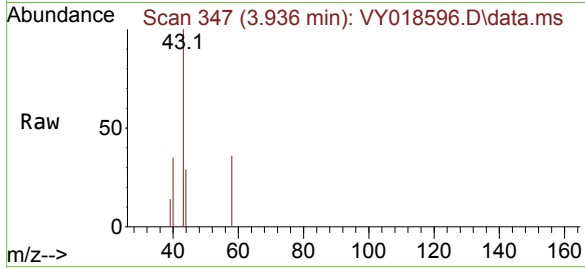
ClientSampleId :

Tgt Ion: 43 Resp: 1032

Ion Ratio Lower Upper

43 100

58 35.5 31.7 47.5



#20

Methylene Chloride

Concen: 9.811 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY018596.D

Acq: 14 Jun 2024 15:45

Tgt Ion: 84 Resp: 19478

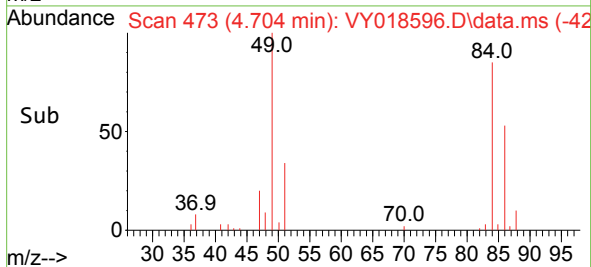
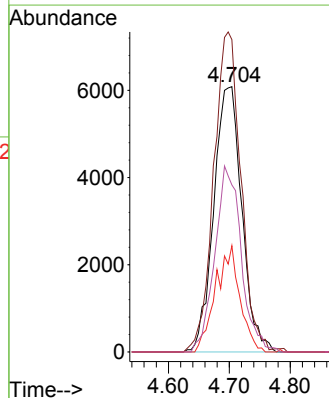
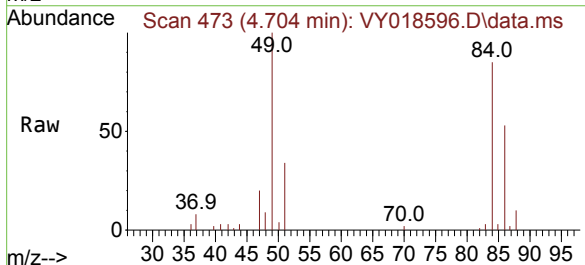
Ion Ratio Lower Upper

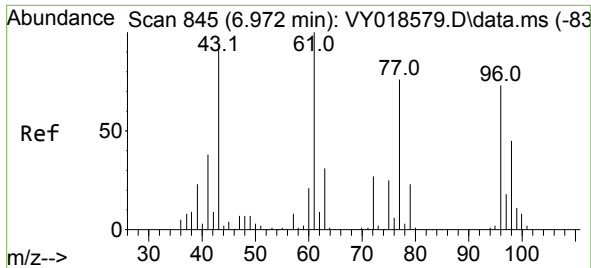
84 100

49 117.8 84.4 126.6

51 40.0 26.0 39.0#

86 63.0 49.5 74.3

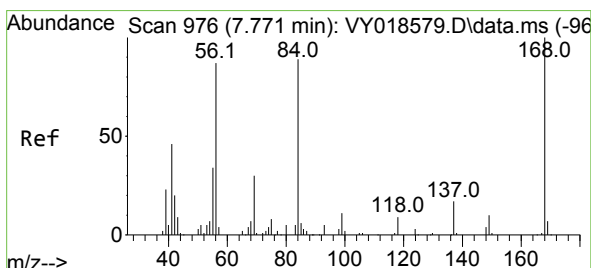
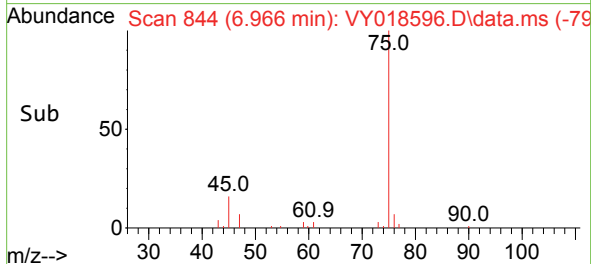
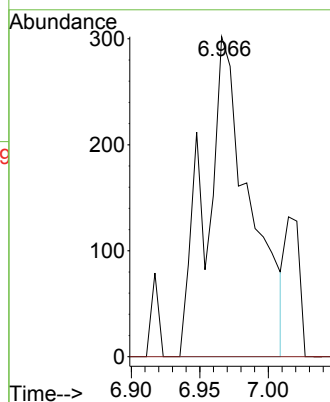
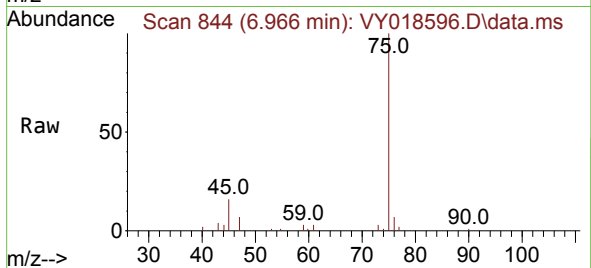




#25
2-Butanone
Concen: 2.424 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

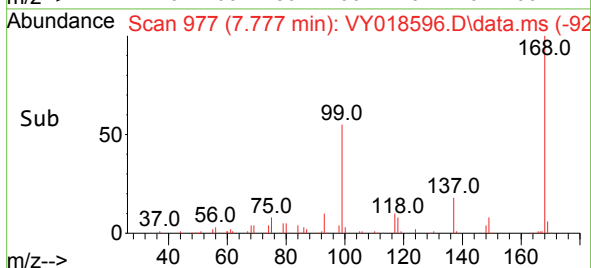
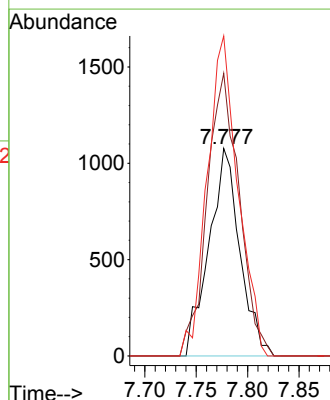
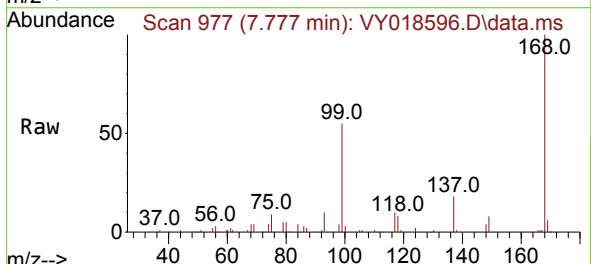
Instrument :
MSVOA_Y
ClientSampleId :

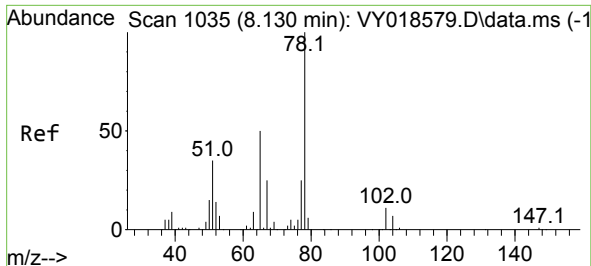
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.605 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Tgt Ion: 56 Resp: 2245
Ion Ratio Lower Upper
56 100
69 136.2 28.7 43.1#
84 162.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.068 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018596.D

Acq: 14 Jun 2024 15:45

Instrument :

MSVOA_Y

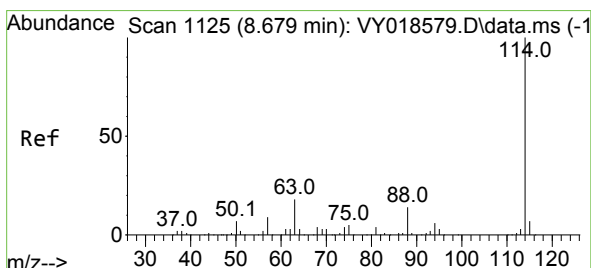
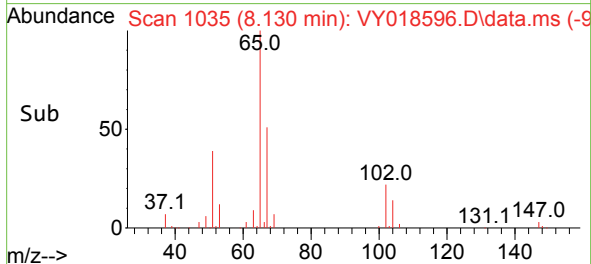
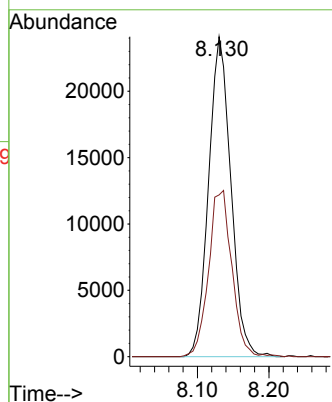
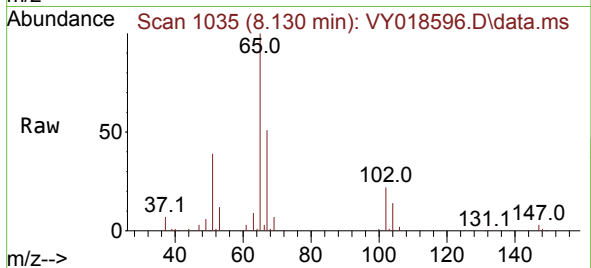
ClientSampleId :

Tgt Ion: 65 Resp: 52110

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018596.D

Acq: 14 Jun 2024 15:45

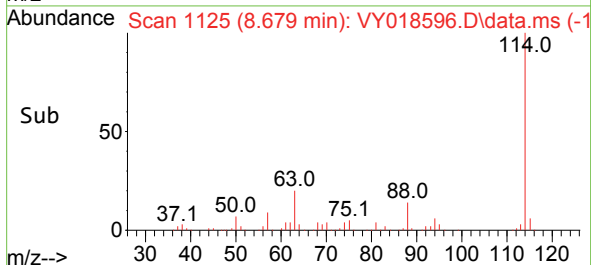
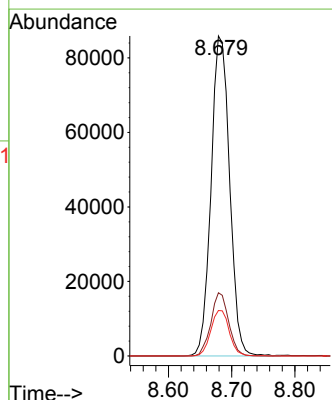
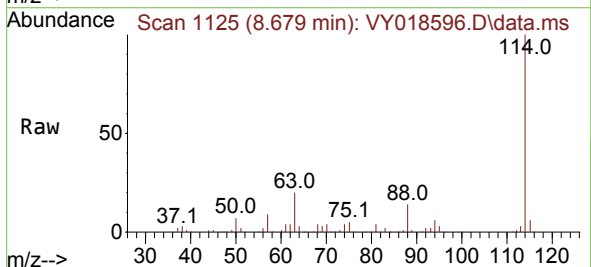
Tgt Ion: 114 Resp: 174844

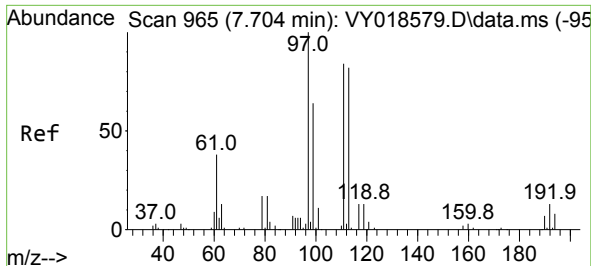
Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 14.2 0.0 27.2

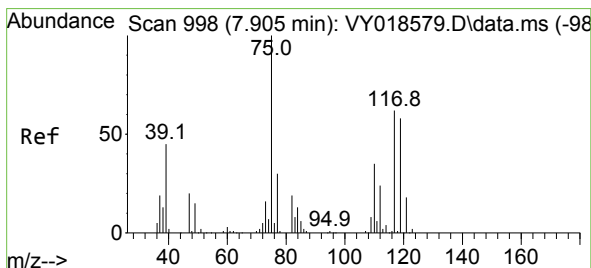
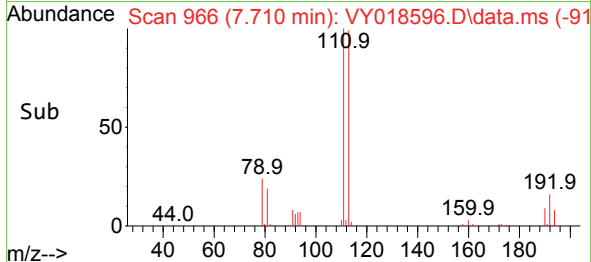
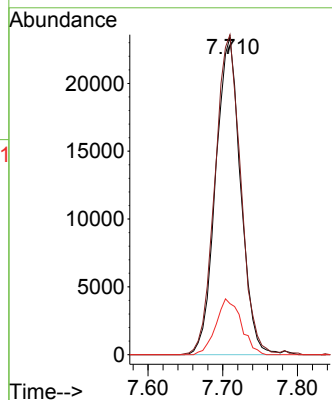
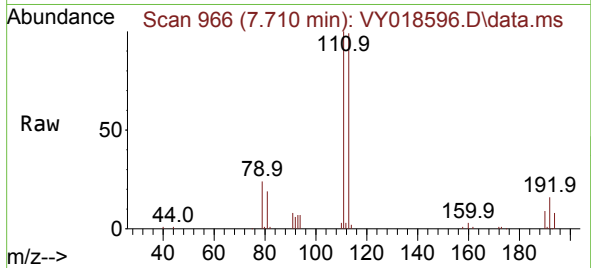




#35
Dibromofluoromethane
Concen: 50.789 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

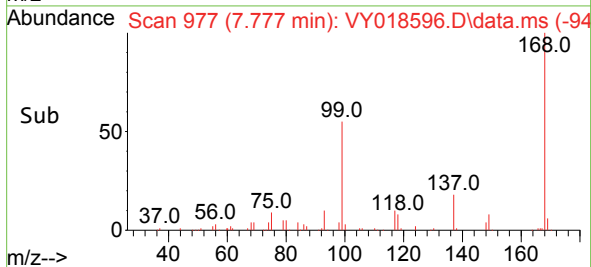
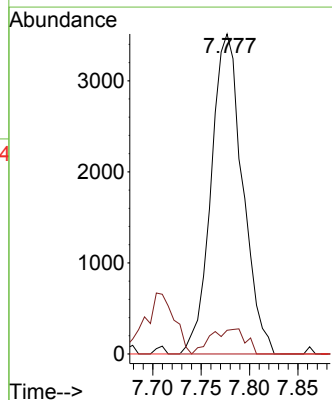
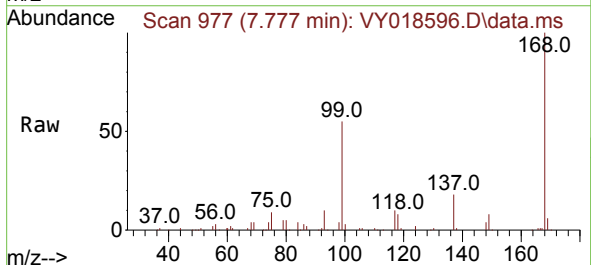
Instrument :
MSVOA_Y
ClientSampleId :

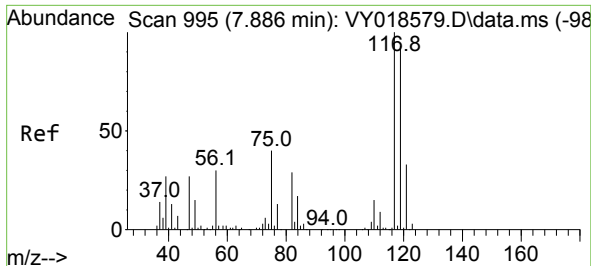
Tgt Ion:113 Resp: 54171
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.427 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

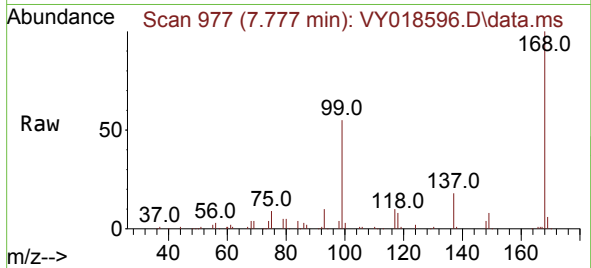
Tgt Ion: 75 Resp: 7967
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



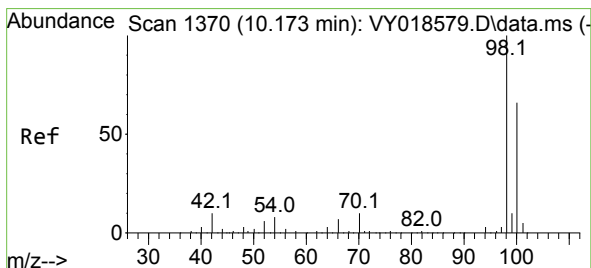
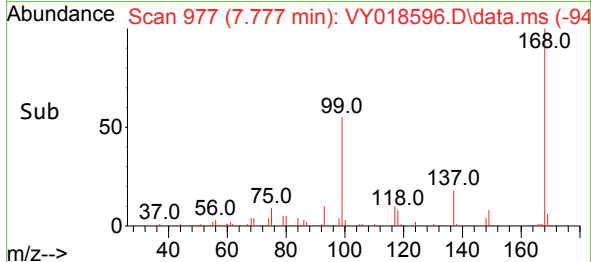
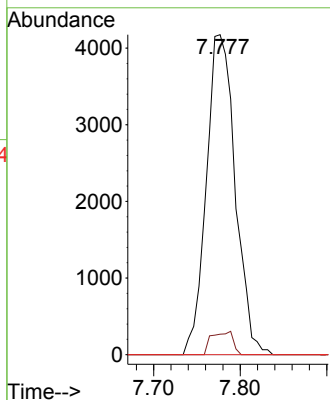


#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :

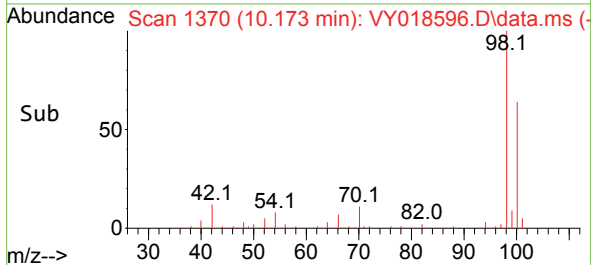
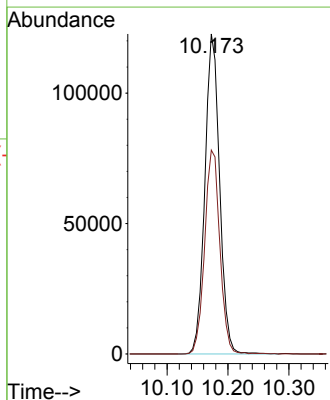
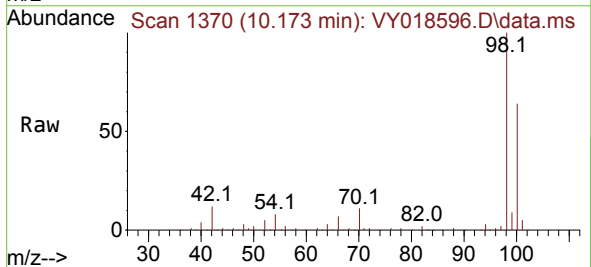


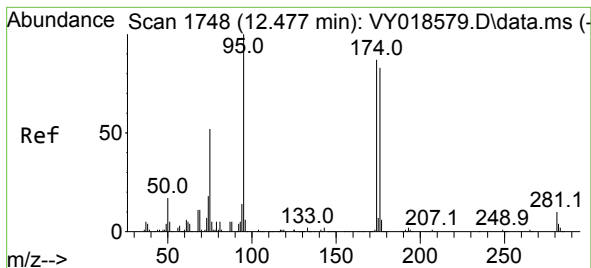
Tgt Ion:117 Resp: 9690
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.306 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Tgt Ion: 98 Resp: 206341
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

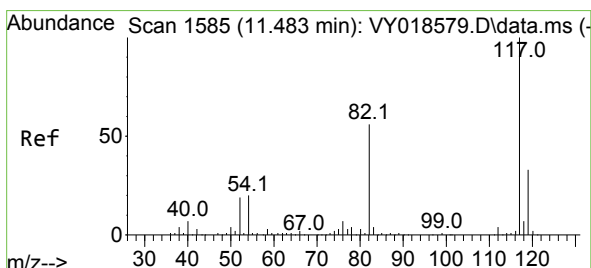
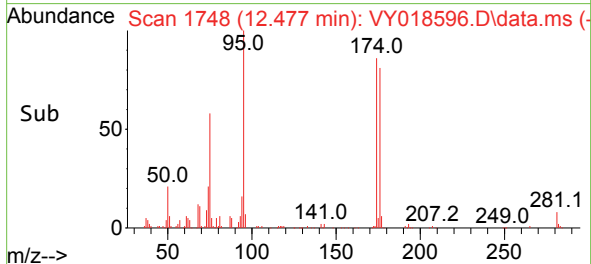
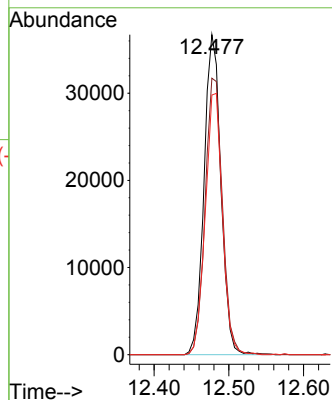
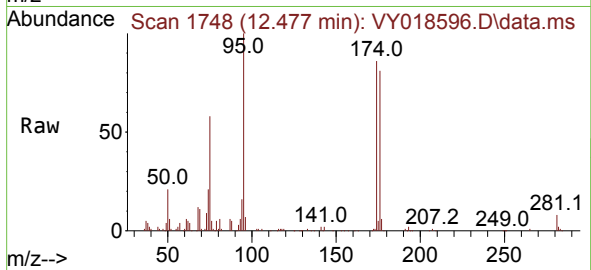




#62
4-Bromofluorobenzene
Concen: 44.318 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

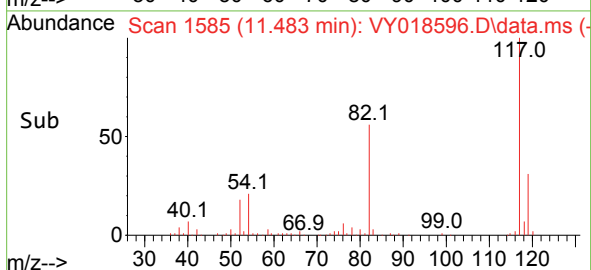
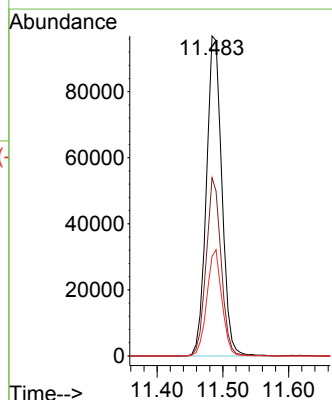
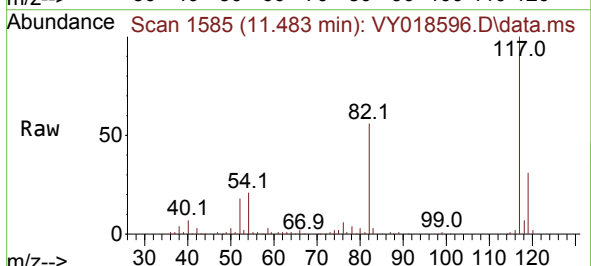
Instrument :
MSVOA_Y
ClientSampleId :

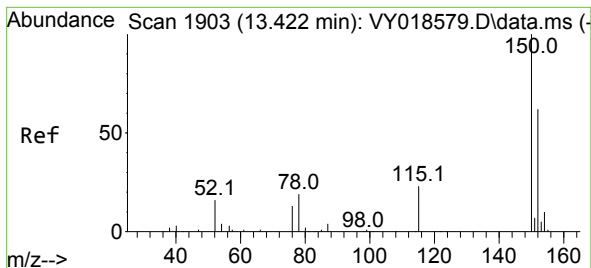
Tgt Ion: 95 Resp: 57400
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 83.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018596.D
Acq: 14 Jun 2024 15:45

Tgt Ion: 117 Resp: 158330
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 31.1 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: VY018596.D

Acq: 14 Jun 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

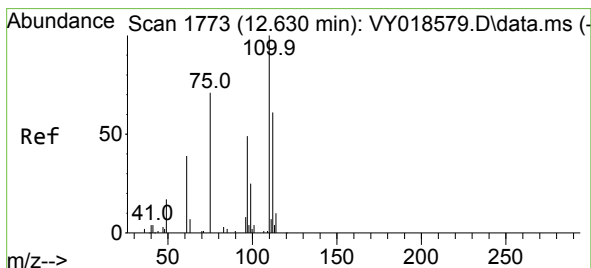
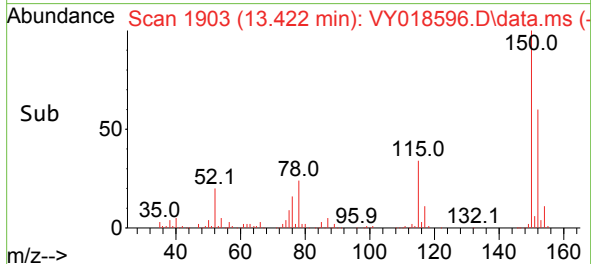
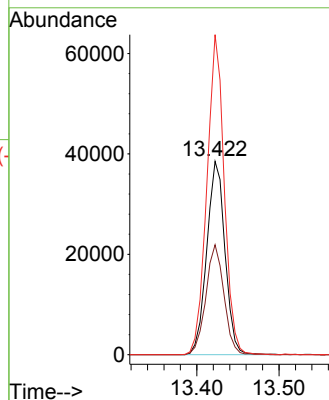
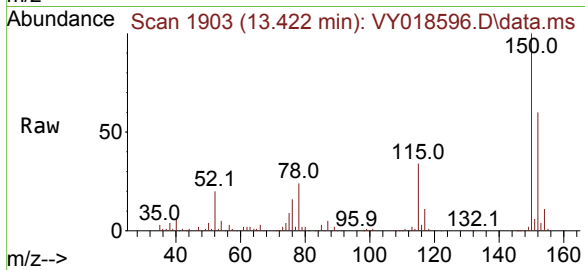
Tgt Ion:152 Resp: 59314

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 157.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 57.898 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018596.D

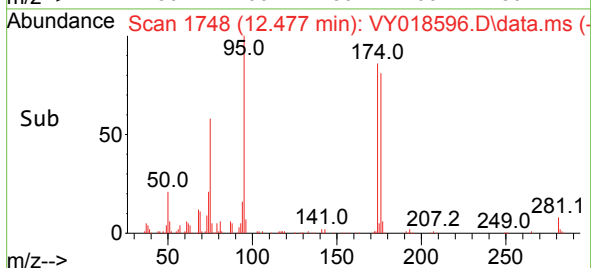
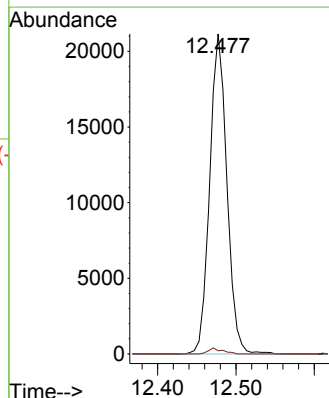
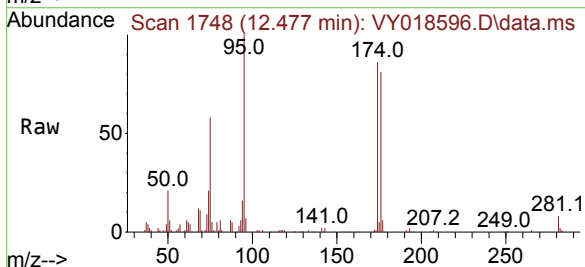
Acq: 14 Jun 2024 15:45

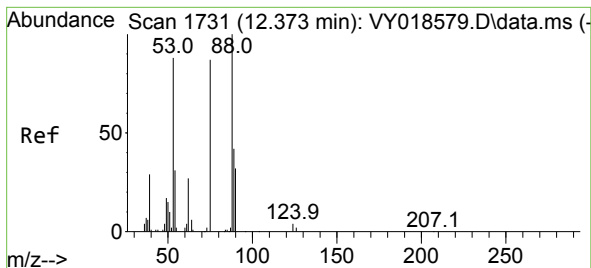
Tgt Ion: 75 Resp: 32214

Ion Ratio Lower Upper

75 100

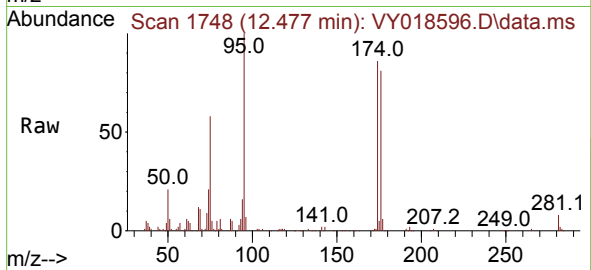
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.657 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018596.D
 Acq: 14 Jun 2024 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :



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

