

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018637.D
 Acq On : 19 Jun 2024 11:28
 Operator : SY/MD
 Sample : VY0619SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 20 02:07:58 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)

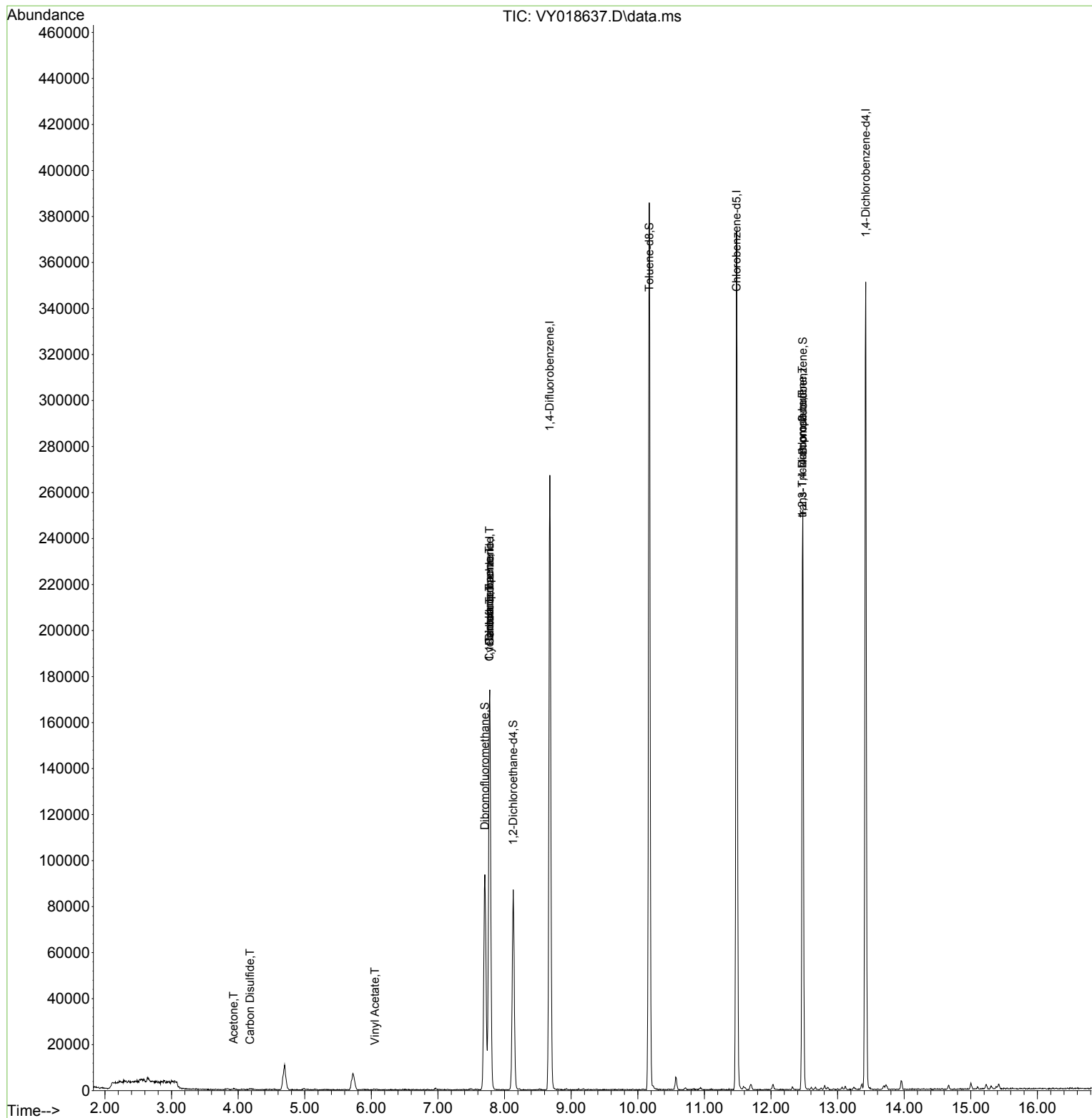
Internal Standards						
1) Pentafluorobenzene	7.777	168	133757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	236140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	201041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	63599	47.227	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.460%		
35) Dibromofluoromethane	7.704	113	67314	46.730	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.460%		
50) Toluene-d8	10.173	98	252002	45.491	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.980%		
62) 4-Bromofluorobenzene	12.477	95	74017	42.313	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.620%		
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	556	2.029	ug/l	89
17) Carbon Disulfide	4.180	76	344	2.304	ug/l #	76
20) Methylene Chloride	4.698	84	7916	Below Cal	#	94
23) Vinyl Acetate	6.052	43	452	23.799	ug/l #	67
31) Cyclohexane	7.771	56	3061	1.484	ug/l #	38
36) 1,1-Dichloropropene	7.771	75	10951	5.523	ug/l #	48
38) Carbon Tetrachloride	7.777	117	13466	6.473	ug/l #	18
76) 1,2,3-Trichloropropane	12.471	75	40073	47.825	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.471	75	40073	125.272	ug/l #	16

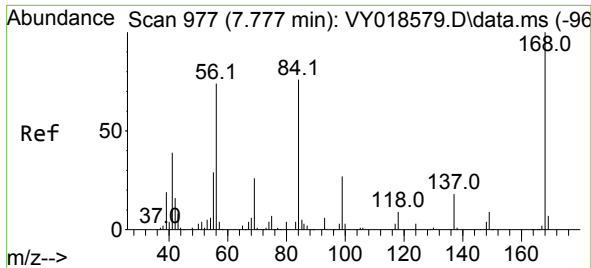
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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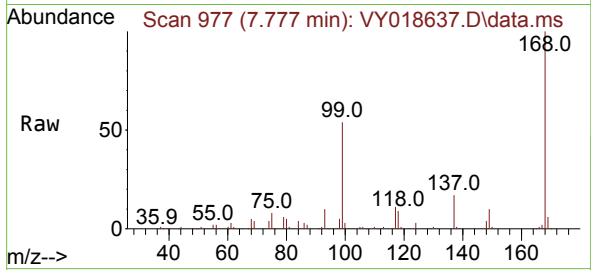
Quant Time: Jun 20 02:07:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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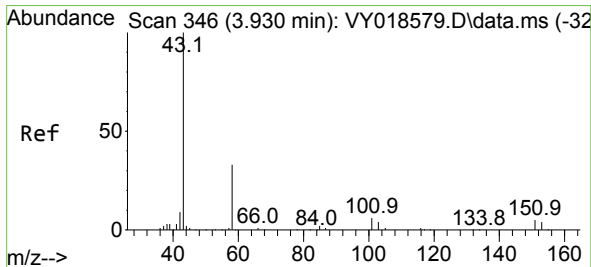
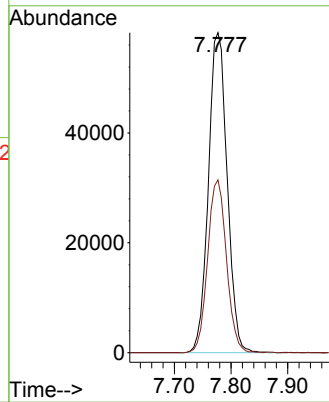
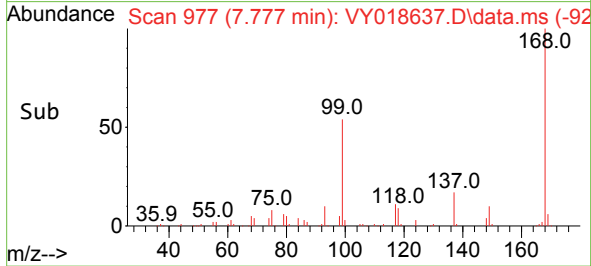


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

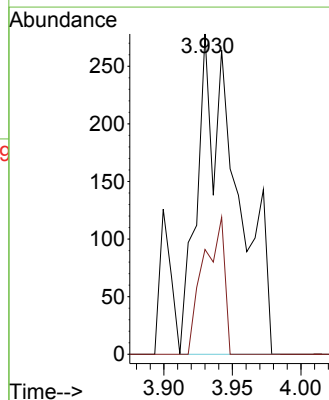
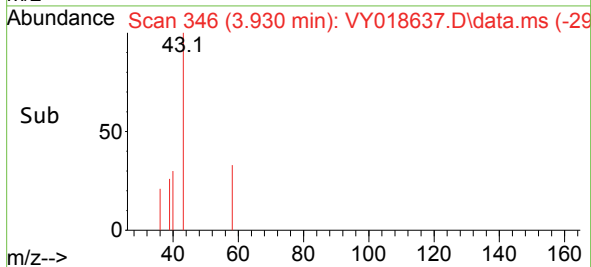
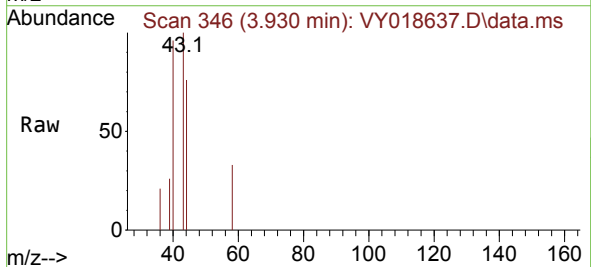


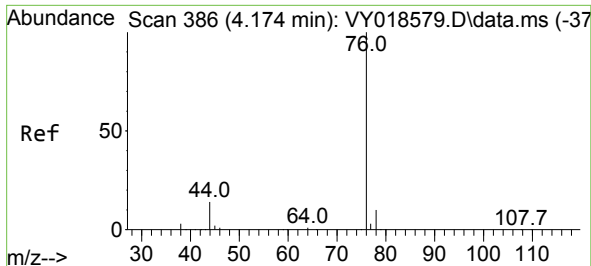
Tgt Ion:168 Resp: 133757
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#16
Acetone
Concen: 2.029 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 32.7 31.7 47.5

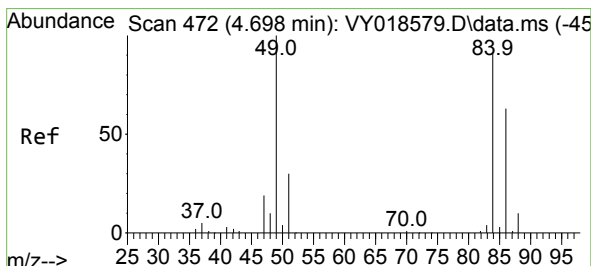
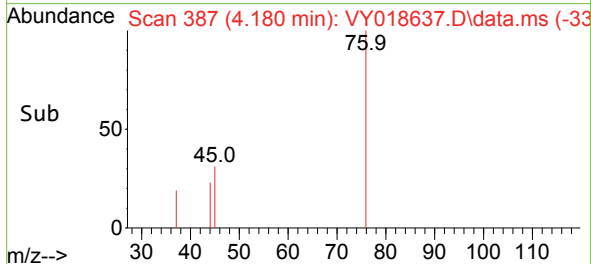
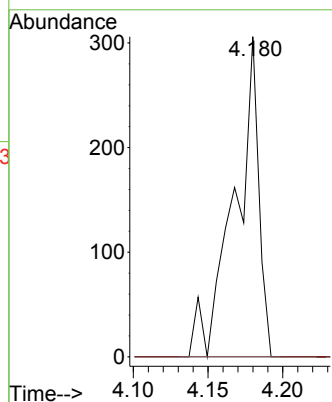
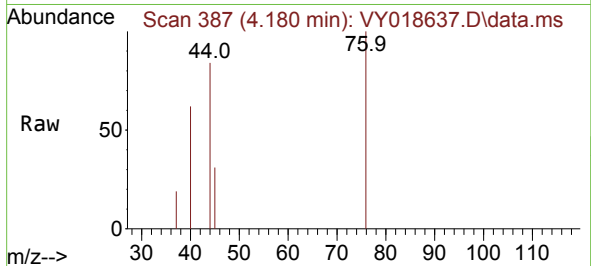




#17
Carbon Disulfide
Concen: 2.304 ug/l
RT: 4.180 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

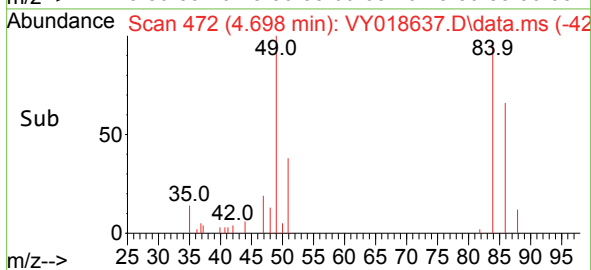
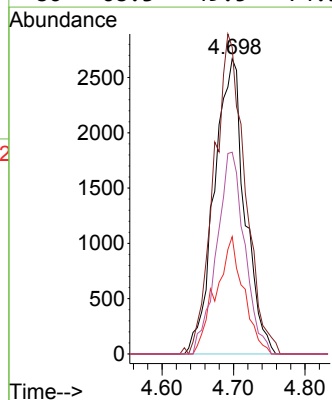
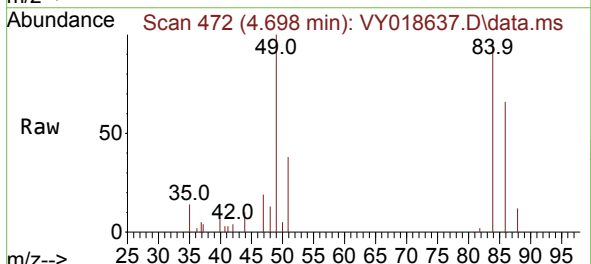
Instrument :
MSVOA_Y
ClientSampleId :

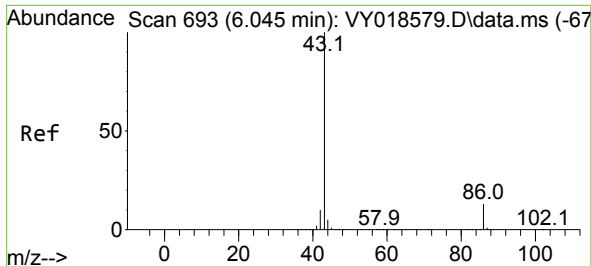
Tgt Ion: 76 Resp: 344
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Tgt Ion: 84 Resp: 7916
Ion Ratio Lower Upper
84 100
49 103.8 84.4 126.6
51 39.7 26.0 39.0#
86 68.3 49.5 74.3

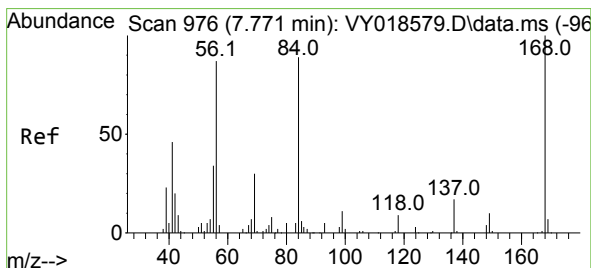
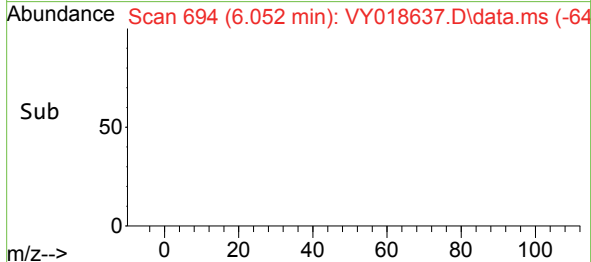
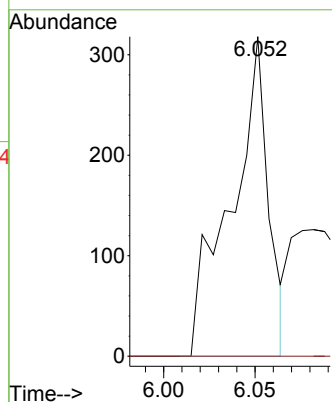
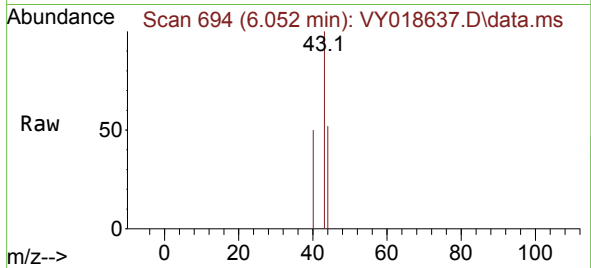




#23
 Vinyl Acetate
 Concen: 23.799 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY018637.D
 Acq: 19 Jun 2024 11:28

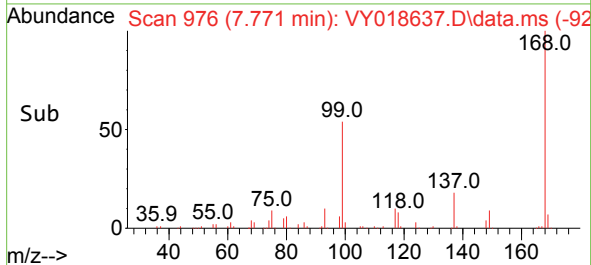
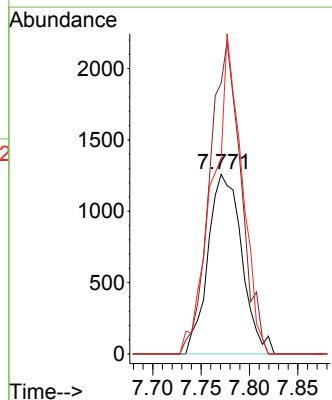
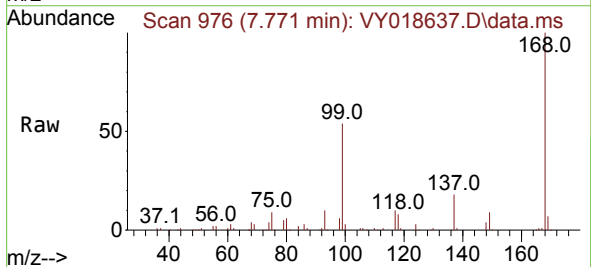
Instrument :
 MSVOA_Y
 ClientSampleId :

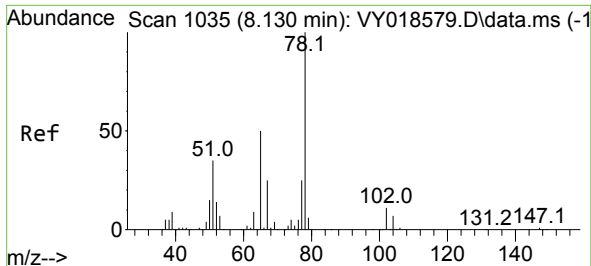
Tgt Ion: 43 Resp: 452
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.484 ug/l
 RT: 7.771 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VY018637.D
 Acq: 19 Jun 2024 11:28

Tgt Ion: 56 Resp: 3061
 Ion Ratio Lower Upper
 56 100
 69 150.8 28.7 43.1#
 84 109.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 47.227 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018637.D

Acq: 19 Jun 2024 11:28

Instrument :

MSVOA_Y

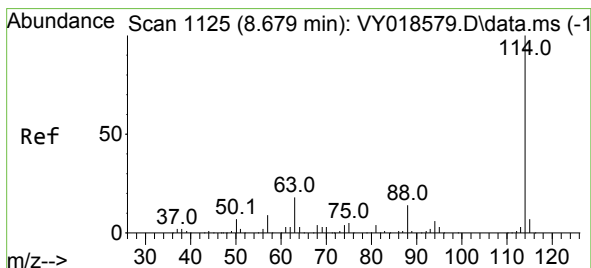
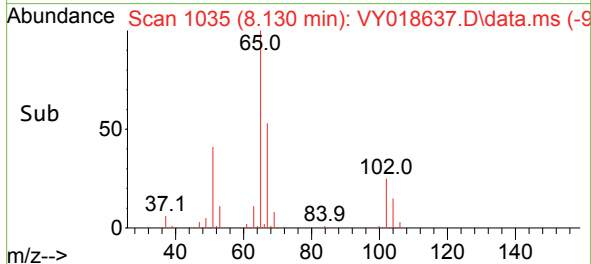
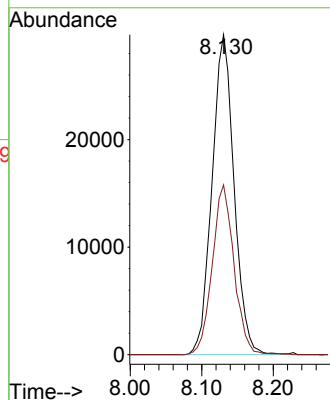
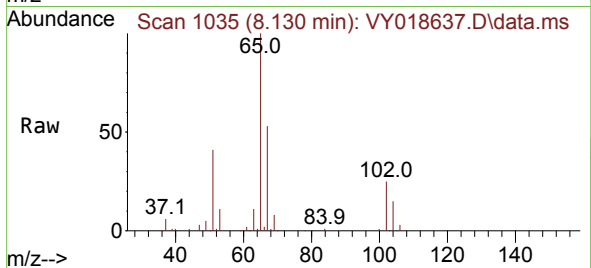
ClientSampleId :

Tgt Ion: 65 Resp: 63599

Ion Ratio Lower Upper

65 100

67 52.5 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: VY018637.D

Acq: 19 Jun 2024 11:28

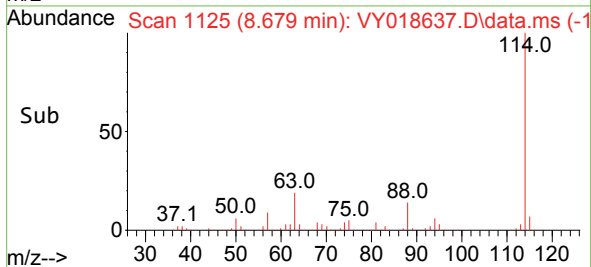
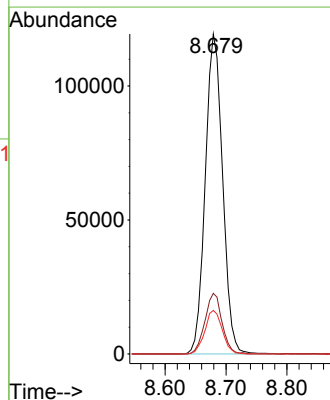
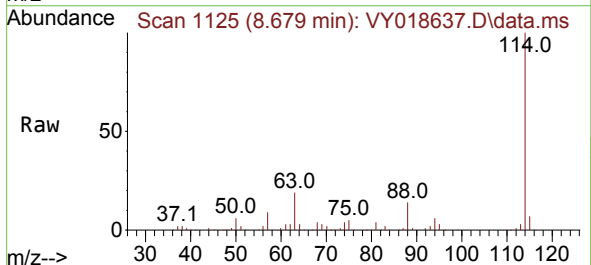
Tgt Ion:114 Resp: 236140

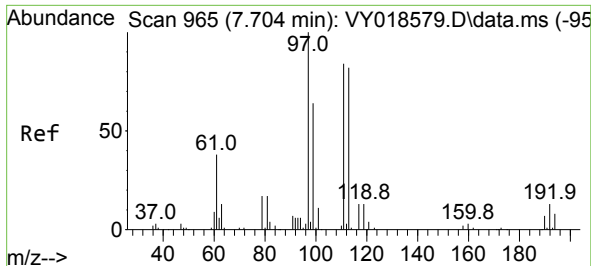
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

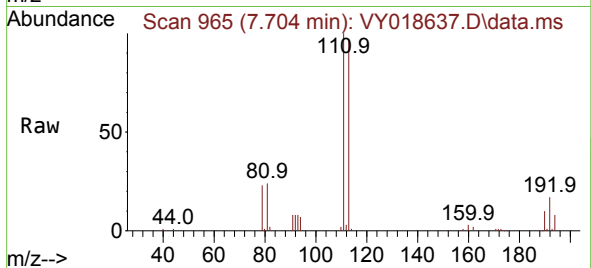
88 13.6 0.0 27.2



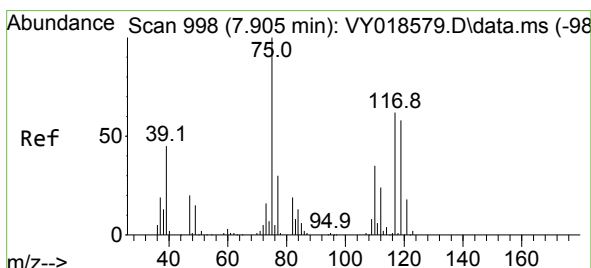
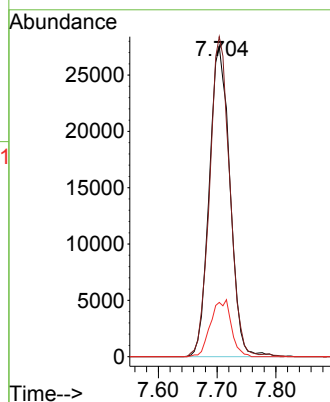
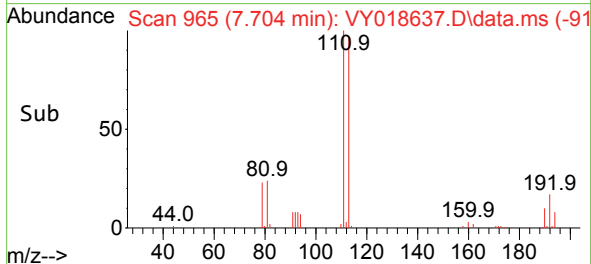


#35
Dibromofluoromethane
Concen: 46.730 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

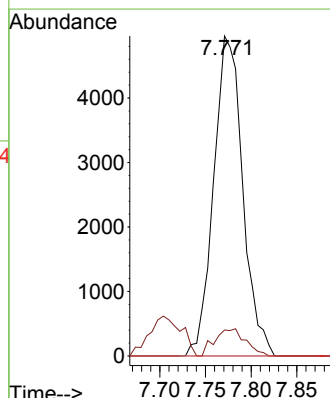
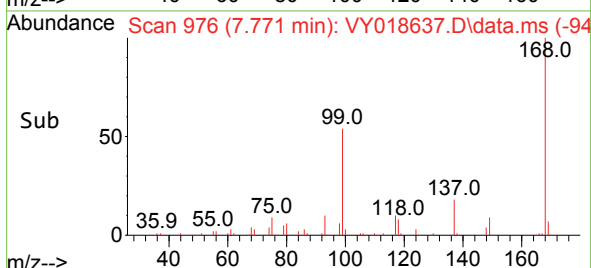
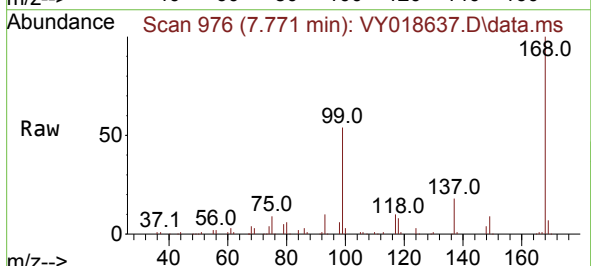


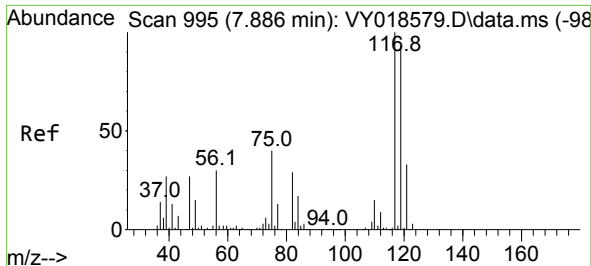
Tgt Ion:113 Resp: 67314
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 18.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.523 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.134 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

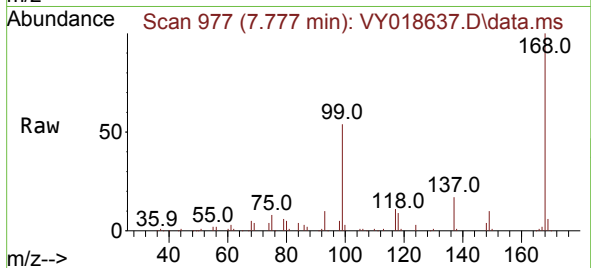
Tgt Ion: 75 Resp: 10951
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



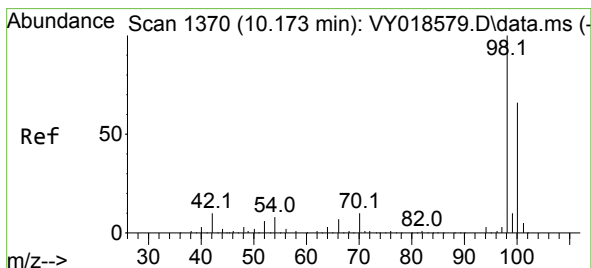
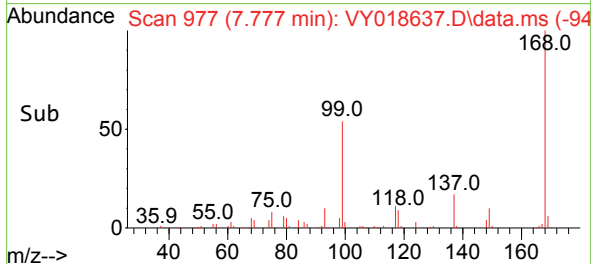
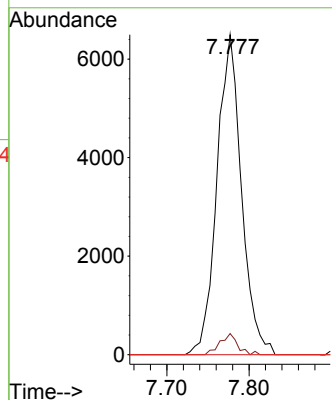


#38
Carbon Tetrachloride
Concen: 6.473 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

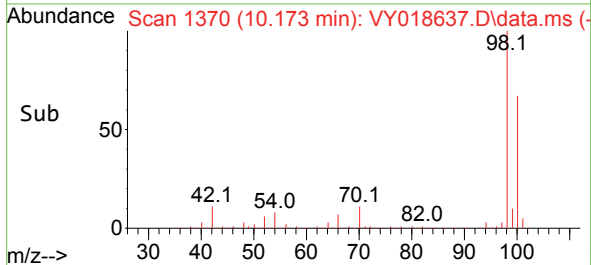
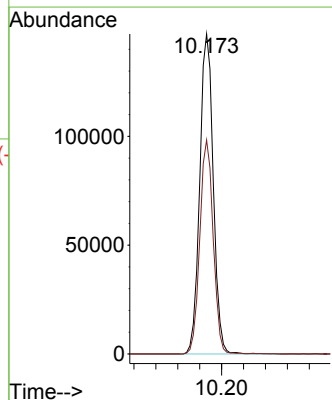
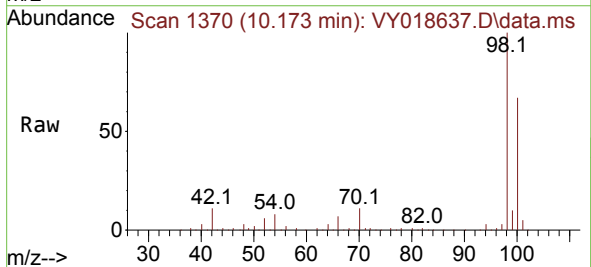


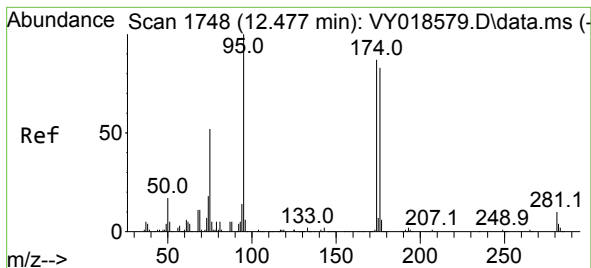
Tgt Ion:117 Resp: 13466
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.491 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Tgt Ion: 98 Resp: 252002
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

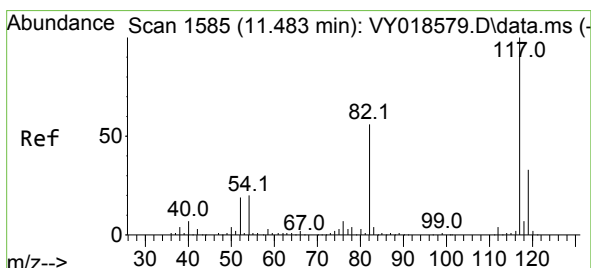
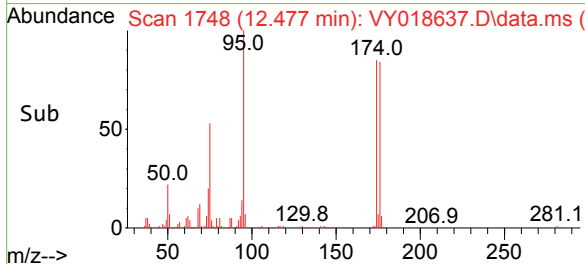
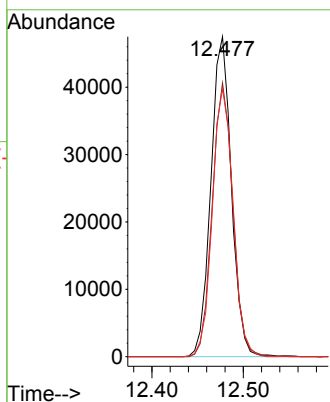
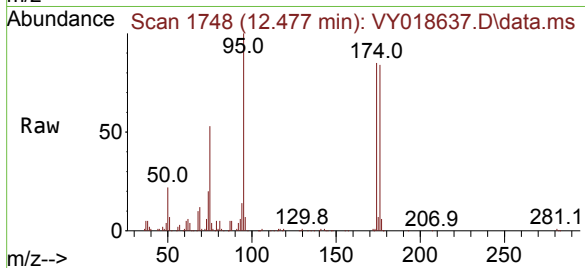




#62
4-Bromofluorobenzene
Concen: 42.313 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

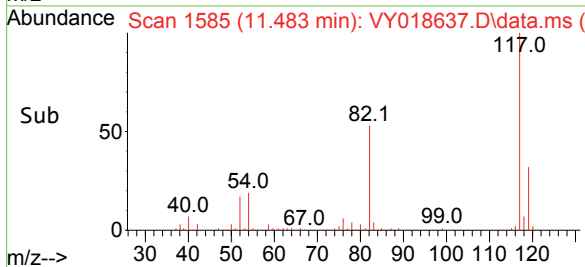
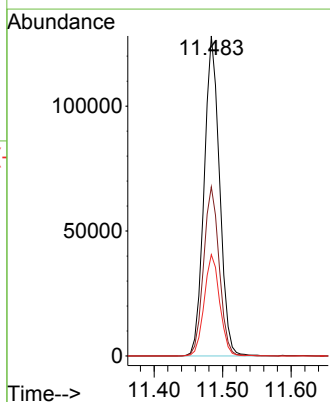
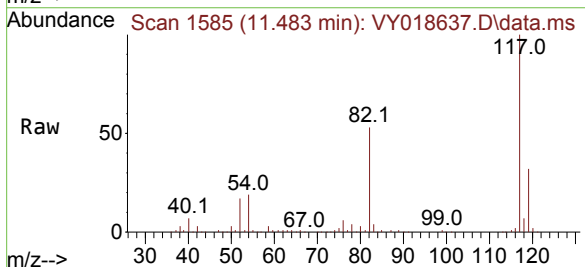
Instrument :
MSVOA_Y
ClientSampleId :

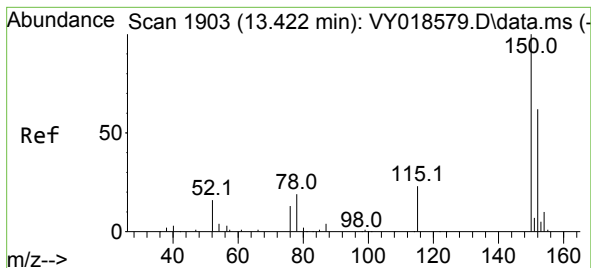
Tgt Ion: 95 Resp: 74017
Ion Ratio Lower Upper
95 100
174 85.8 0.0 175.6
176 84.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018637.D
Acq: 19 Jun 2024 11:28

Tgt Ion: 117 Resp: 201041
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.6 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: VY018637.D

Acq: 19 Jun 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

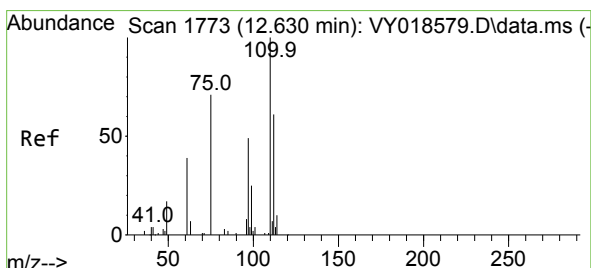
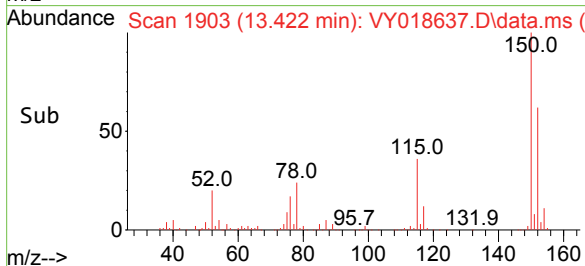
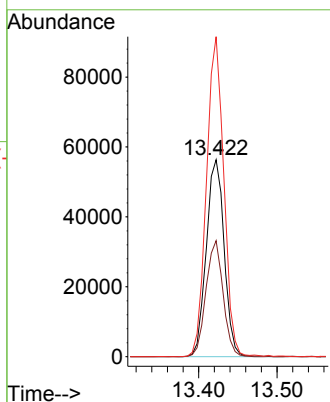
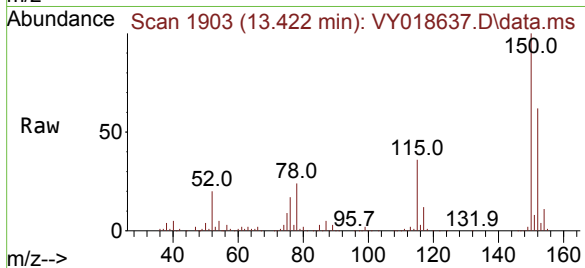
Tgt Ion:152 Resp: 89325

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: 47.825 ug/l

RT: 12.471 min Scan# 1747

Delta R.T. -0.158 min

Lab File: VY018637.D

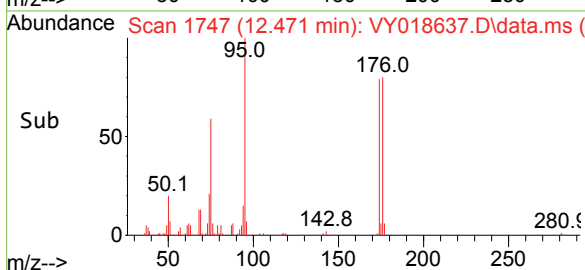
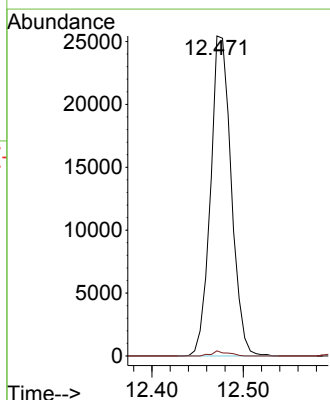
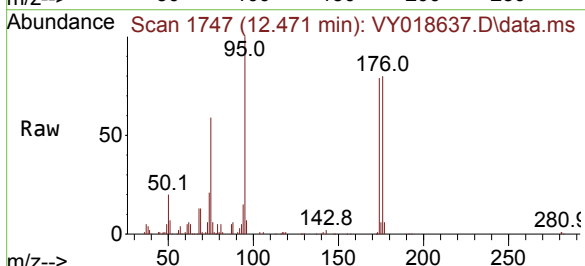
Acq: 19 Jun 2024 11:28

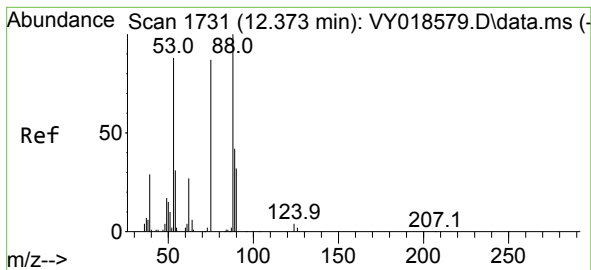
Tgt Ion: 75 Resp: 40073

Ion Ratio Lower Upper

75 100

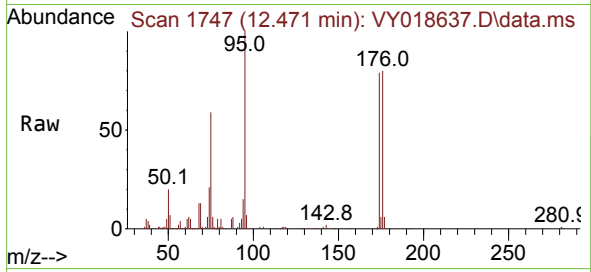
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.272 ug/l
 RT: 12.471 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018637.D
 Acq: 19 Jun 2024 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 40073
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

