

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018477.D
 Acq On : 04 Jun 2024 20:38
 Operator : SY/MD
 Sample : P2704-11
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:31:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

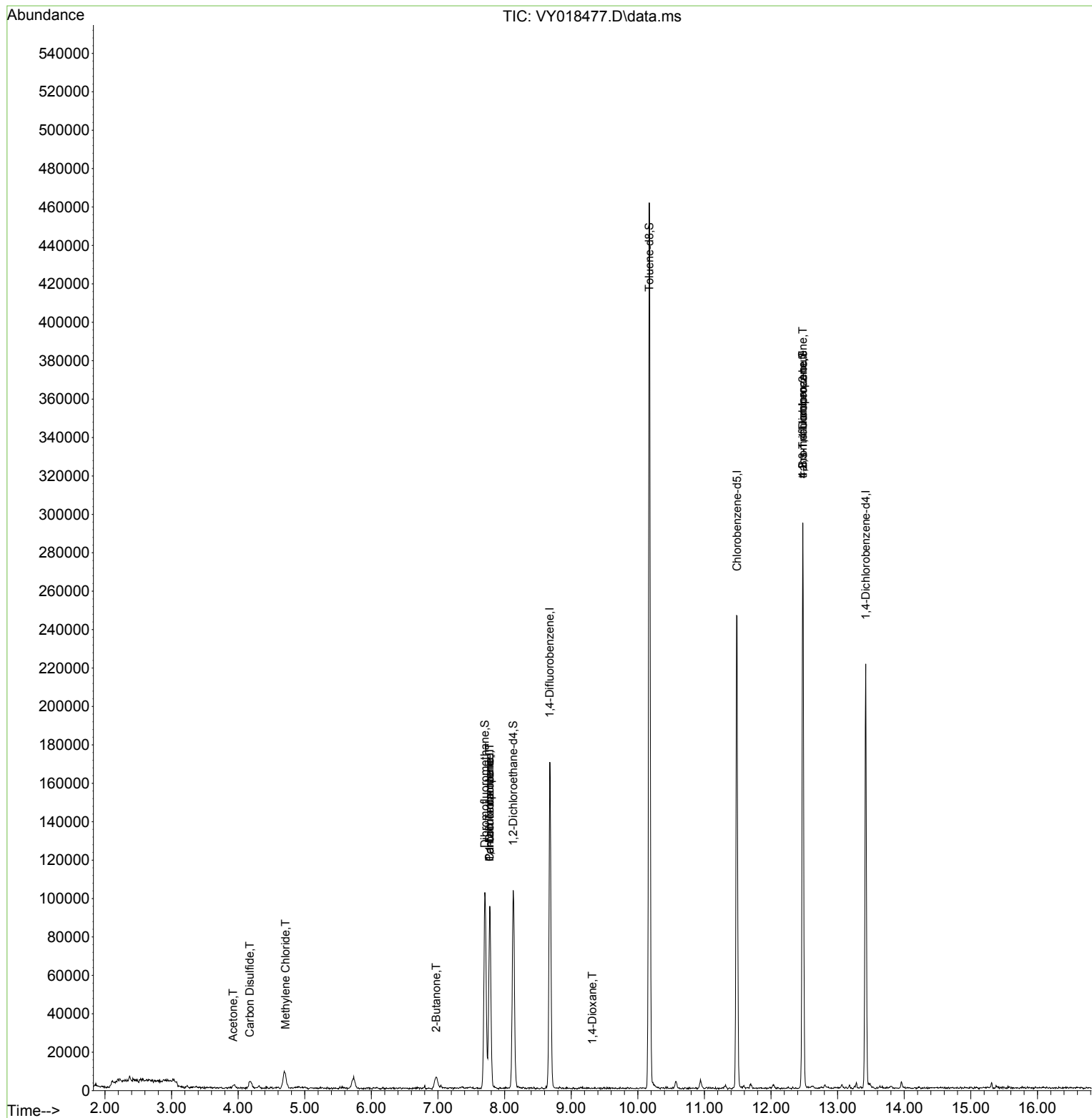
Internal Standards						
1) Pentafluorobenzene	7.777	168	65126	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	136148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	129707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76407	59.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.480%
35) Dibromofluoromethane	7.704	113	71423	41.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.740%
50) Toluene-d8	10.173	98	285310	41.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.080%
62) 4-Bromofluorobenzene	12.477	95	84874	39.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	797	Below Cal	#	96
16) Acetone	3.924	43	3137	11.051	ug/l #	80
17) Carbon Disulfide	4.174	76	5455	1.361	ug/l	97
20) Methylene Chloride	4.710	84	6648	1.330	ug/l #	82
25) 2-Butanone	6.972	43	1031	2.371	ug/l #	41
36) 1,1-Dichloropropene	7.777	75	6542	2.485	ug/l #	49
38) Carbon Tetrachloride	7.777	117	6658	2.524	ug/l #	18
49) 1,4-Dioxane	9.319	88	26	1.914	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	47539	79.122	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47539	166.229	ug/l #	16

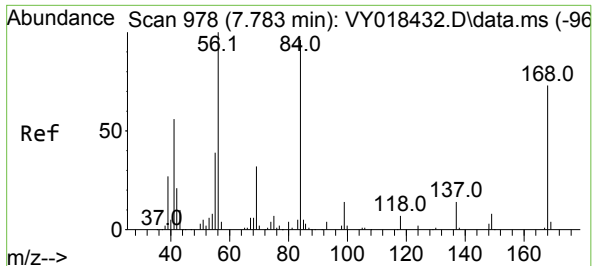
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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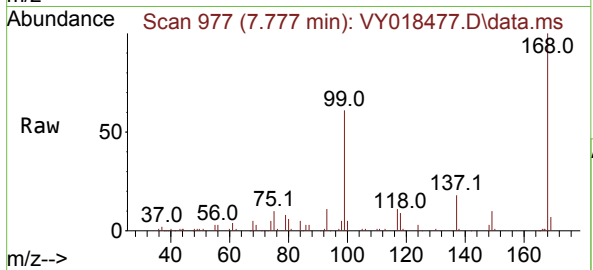
Quant Time: Jun 05 01:31:57 2024
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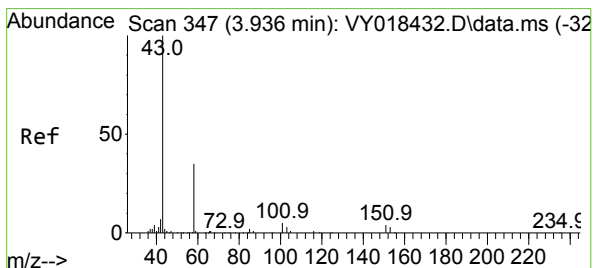
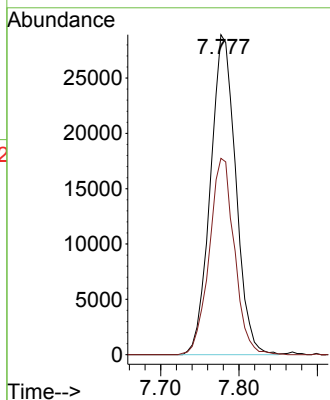
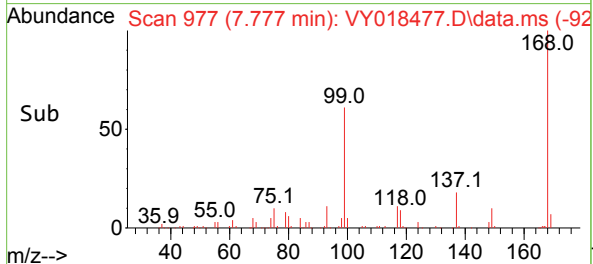


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

Instrument :
MSVOA_Y
ClientSampleId :

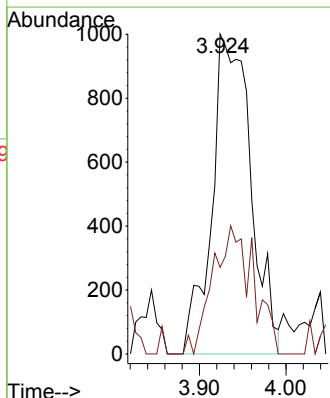
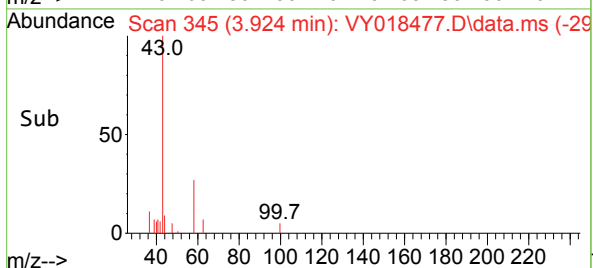
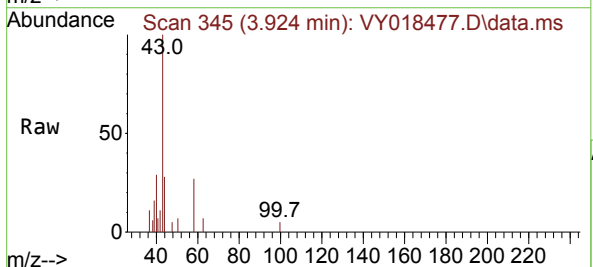


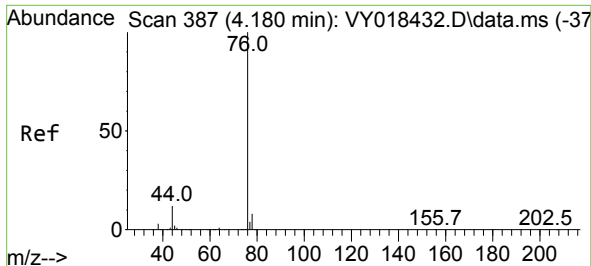
Tgt Ion:168 Resp: 65126
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#16
Acetone
Concen: 11.051 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
58 27.1 31.7 47.5#





#17

Carbon Disulfide

Concen: 1.361 ug/l

RT: 4.174 min Scan# 386

Delta R.T. -0.006 min

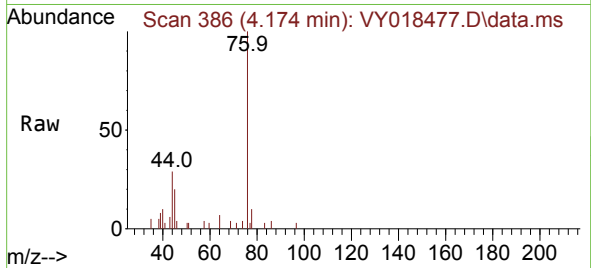
Lab File: VY018477.D

Acq: 04 Jun 2024 20:38

Instrument :

MSVOA_Y

ClientSampleId :

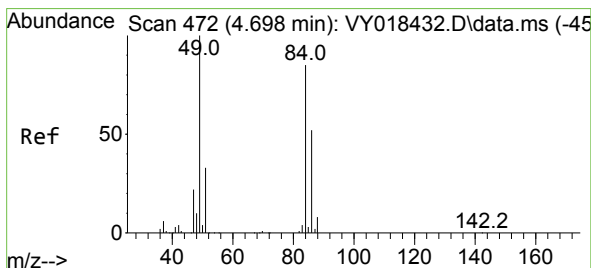
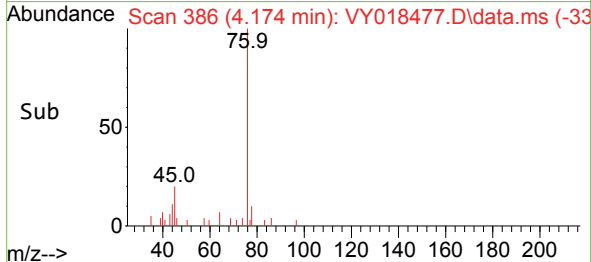
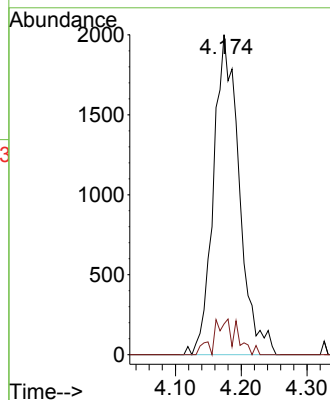


Tgt Ion: 76 Resp: 5455

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2



#20

Methylene Chloride

Concen: 1.330 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.012 min

Lab File: VY018477.D

Acq: 04 Jun 2024 20:38

Tgt Ion: 84 Resp: 6648

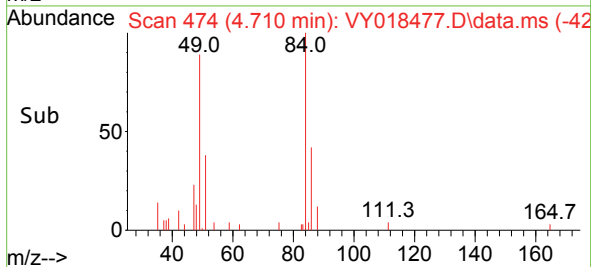
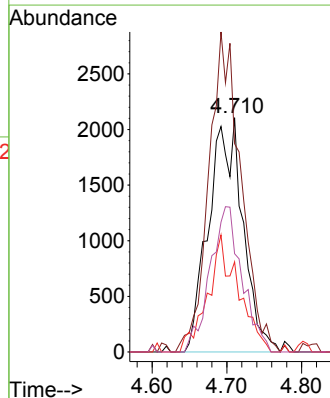
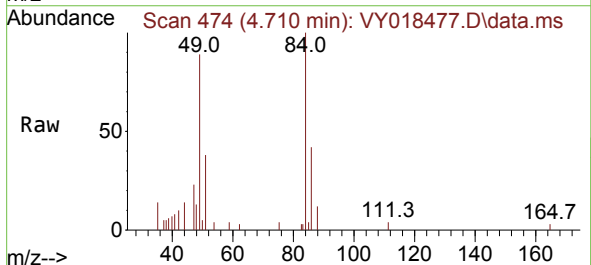
Ion Ratio Lower Upper

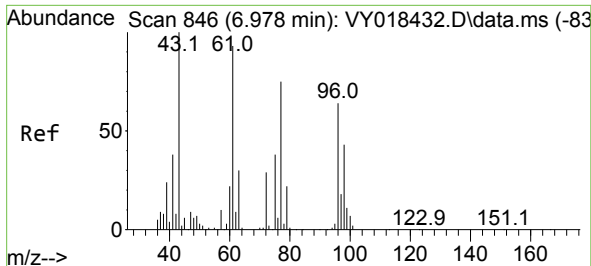
84 100

49 88.9 84.4 126.6

51 38.5 26.0 39.0

86 42.0 49.5 74.3#





#25

2-Butanone

Concen: 2.371 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

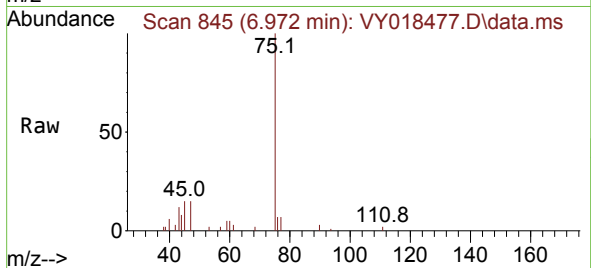
Lab File: VY018477.D

Acq: 04 Jun 2024 20:38

Instrument :

MSVOA_Y

ClientSampleId :

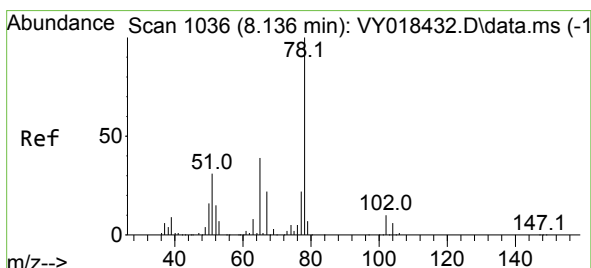
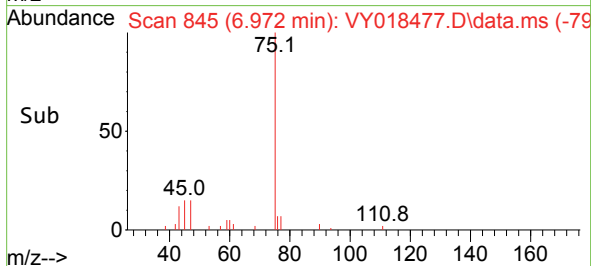
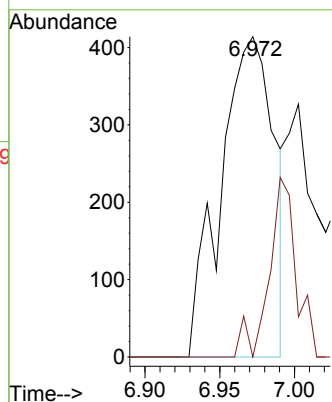


Tgt Ion: 43 Resp: 1031

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 59.741 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018477.D

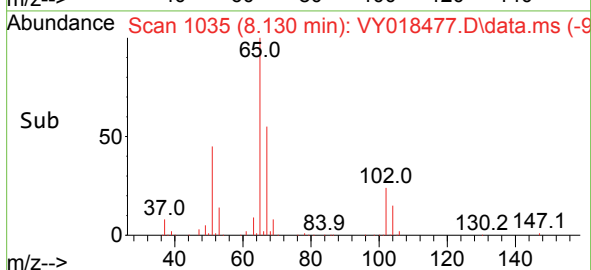
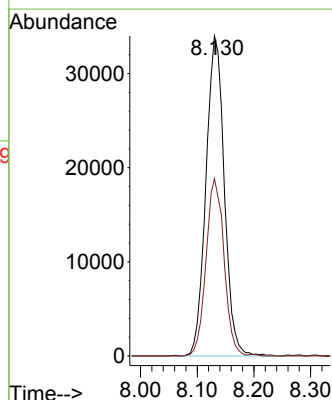
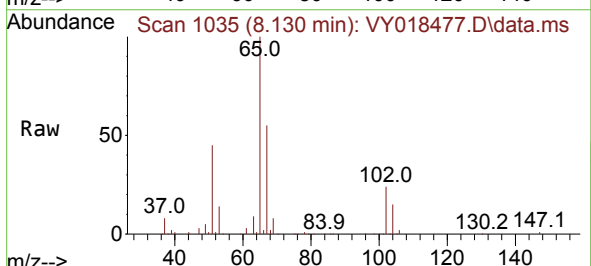
Acq: 04 Jun 2024 20:38

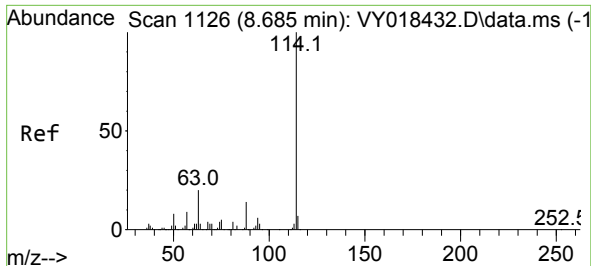
Tgt Ion: 65 Resp: 76407

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6

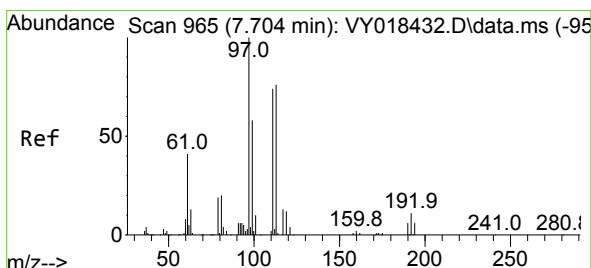
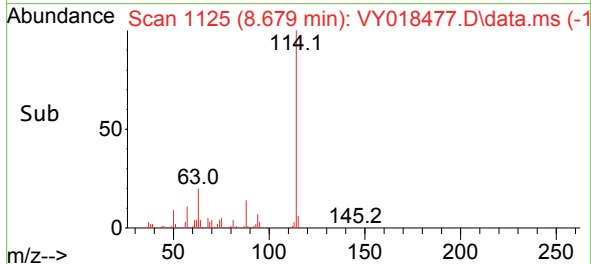
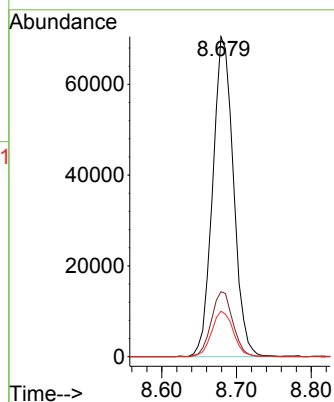
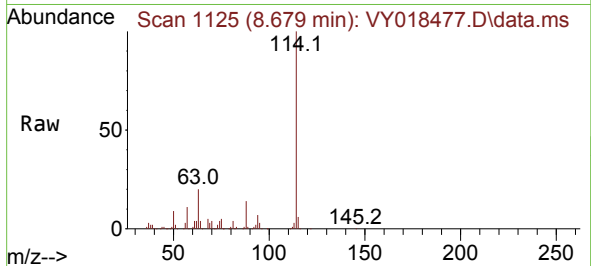




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

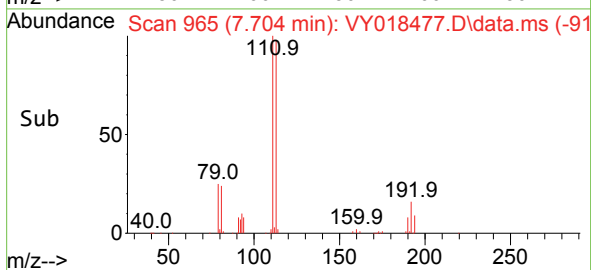
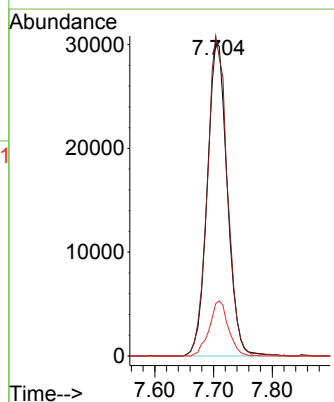
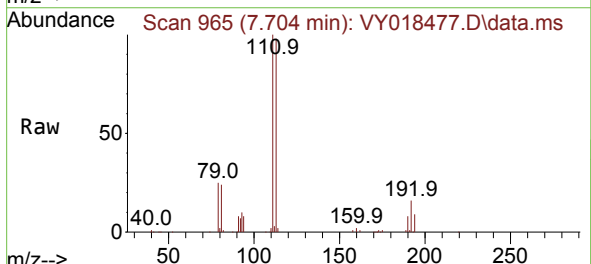
Instrument :
MSVOA_Y
ClientSampleId :

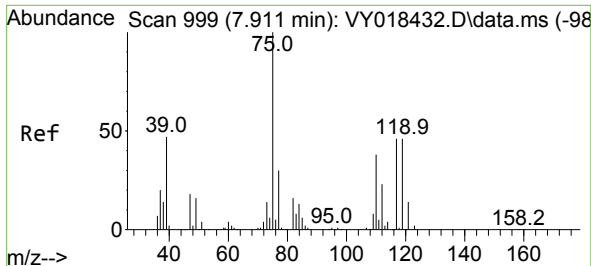
Tgt Ion:114 Resp: 136148
Ion Ratio Lower Upper
114 100
63 20.3 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 41.370 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

Tgt Ion:113 Resp: 71423
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.8 15.9 23.9

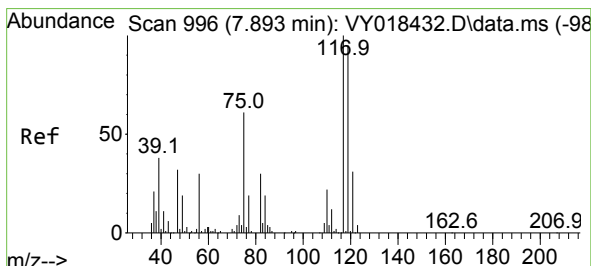
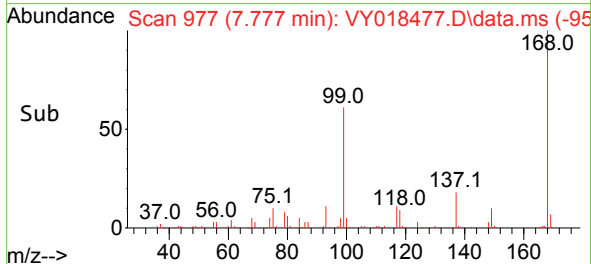
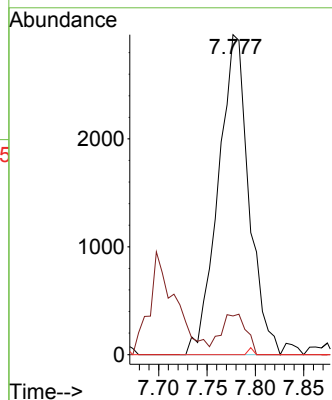
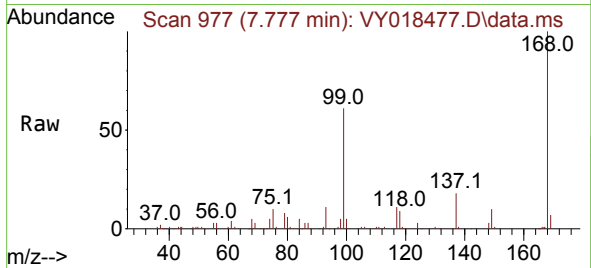




#36
1,1-Dichloropropene
Concen: 2.485 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

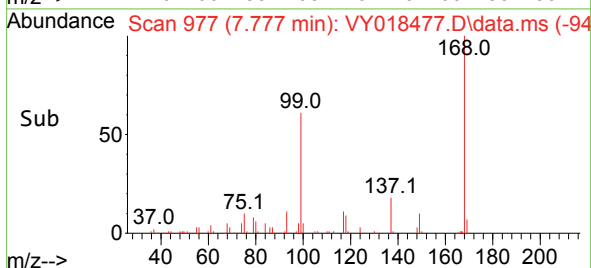
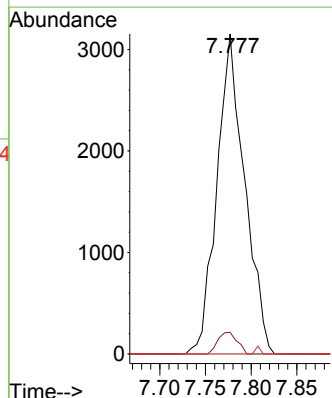
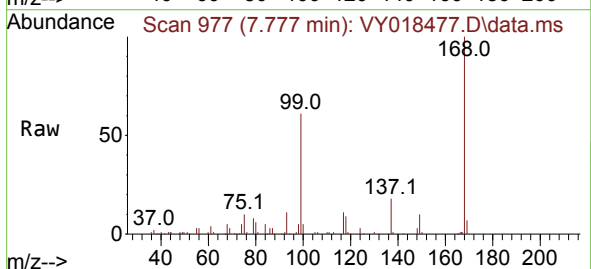
Instrument :
MSVOA_Y
ClientSampleId :

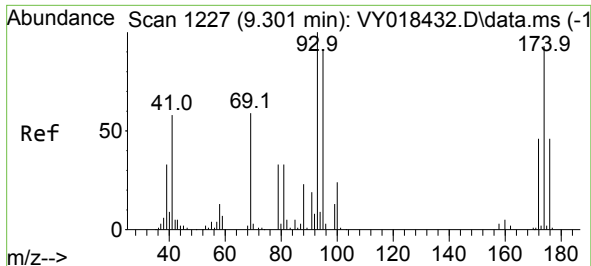
Tgt Ion: 75 Resp: 6542
Ion Ratio Lower Upper
75 100
110 10.5 19.0 57.0#
77 0.4 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 2.524 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

Tgt Ion: 117 Resp: 6658
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.914 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.018 min

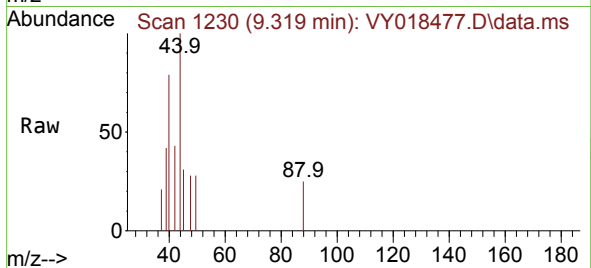
Lab File: VY018477.D

Acq: 04 Jun 2024 20:38

Instrument :

MSVOA_Y

ClientSampleId :



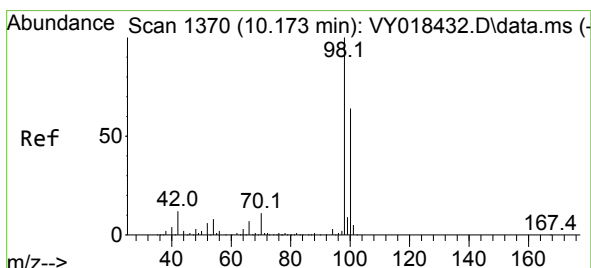
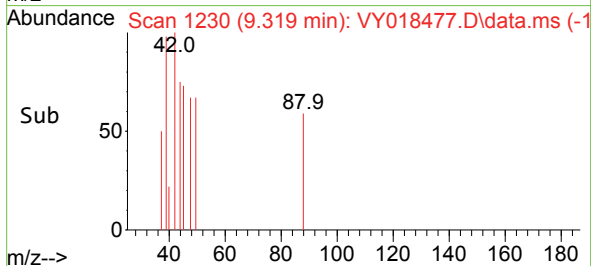
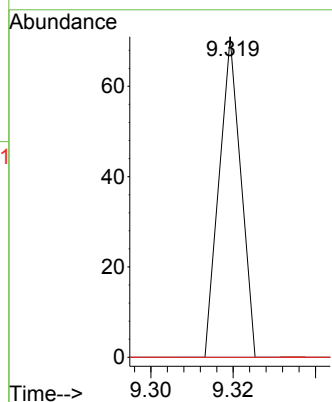
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 41.540 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018477.D

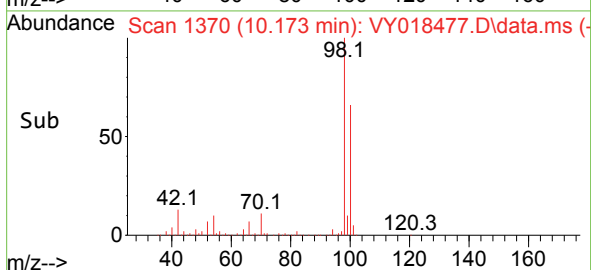
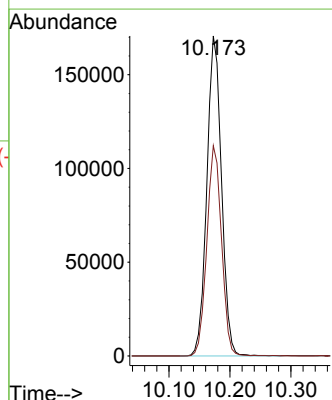
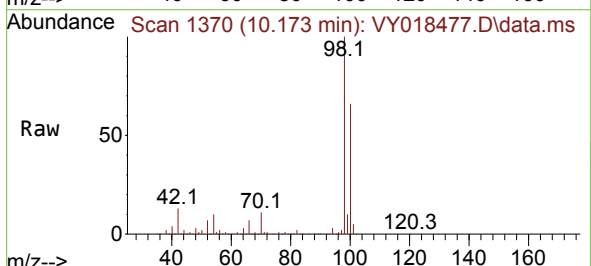
Acq: 04 Jun 2024 20:38

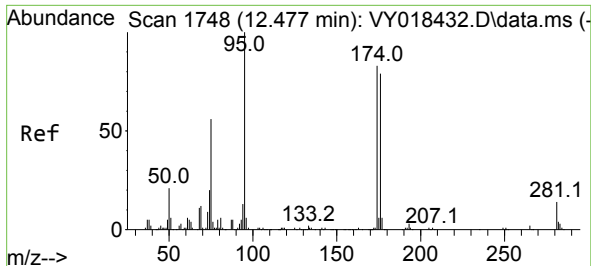
Tgt Ion: 98 Resp: 285310

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

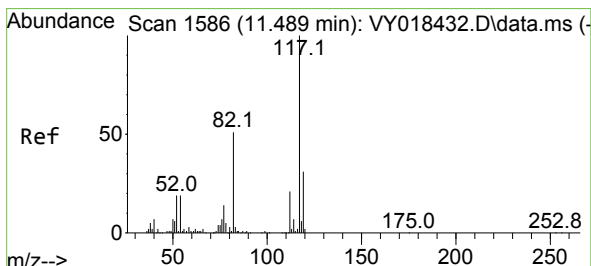
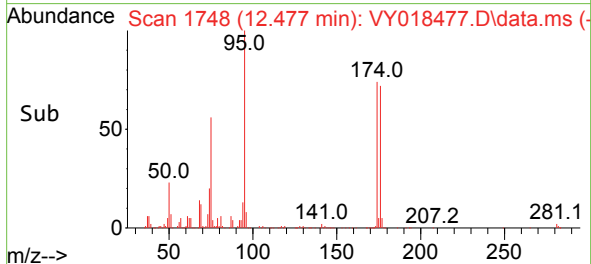
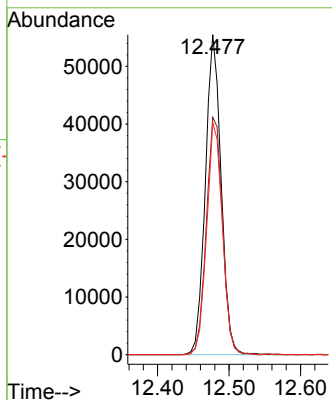
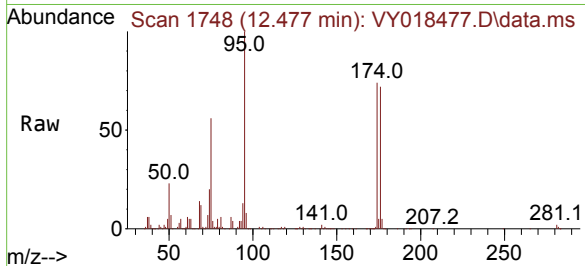




#62
4-Bromofluorobenzene
Concen: 39.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

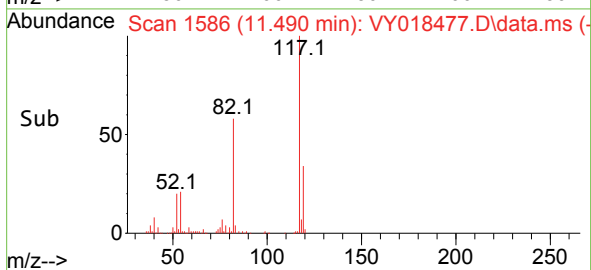
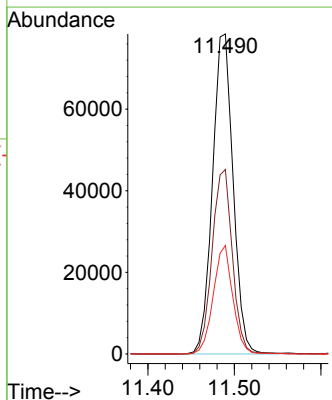
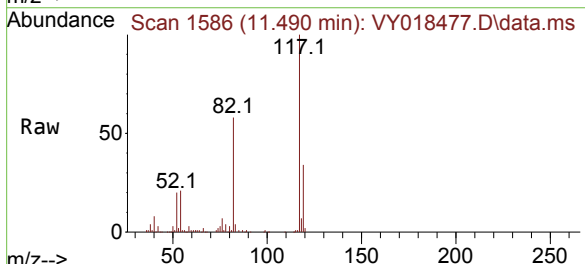
Instrument :
MSVOA_Y
ClientSampleId :

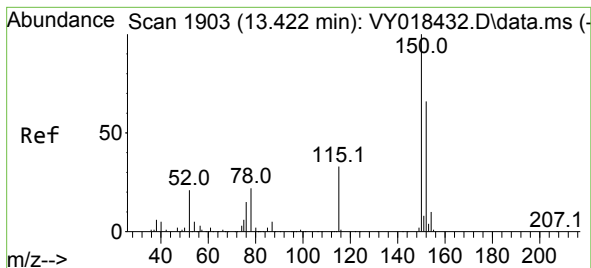
Tgt Ion: 95 Resp: 84874
Ion Ratio Lower Upper
95 100
174 76.5 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018477.D
Acq: 04 Jun 2024 20:38

Tgt Ion: 117 Resp: 129707
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 33.9 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

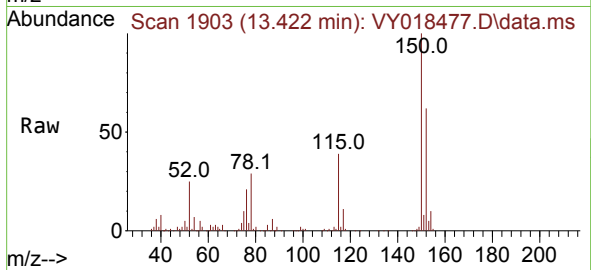
Lab File: VY018477.D

Acq: 04 Jun 2024 20:38

Instrument :

MSVOA_Y

ClientSampleId :



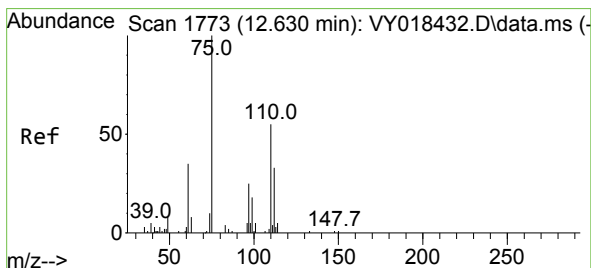
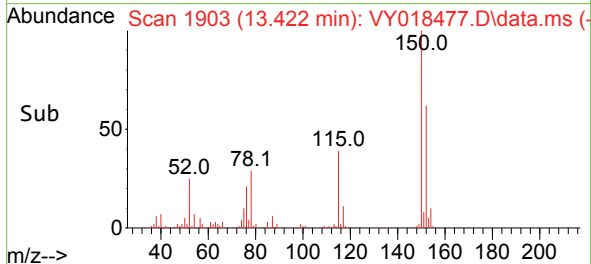
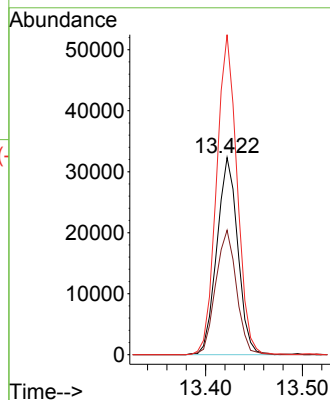
Tgt Ion:152 Resp: 48454

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 159.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 79.122 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018477.D

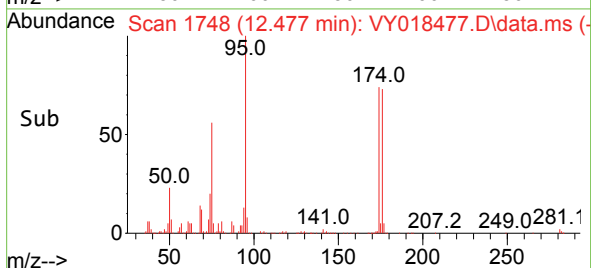
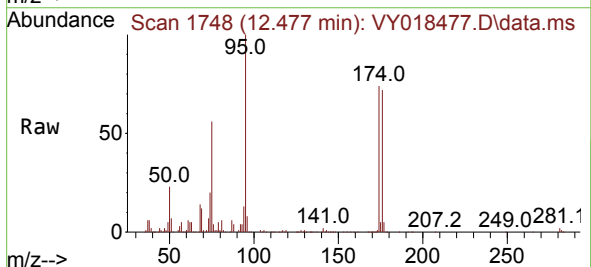
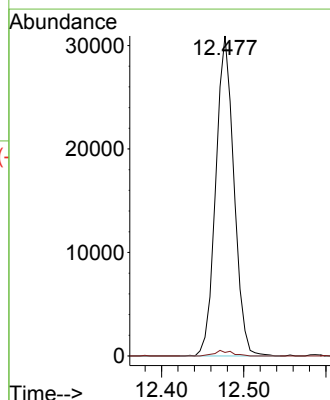
Acq: 04 Jun 2024 20:38

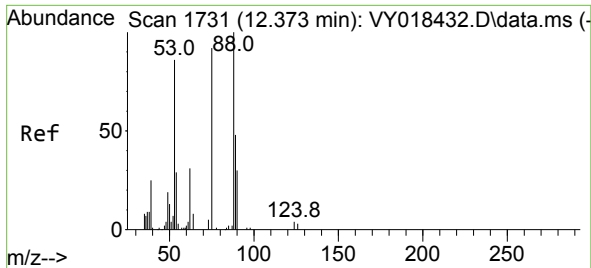
Tgt Ion: 75 Resp: 47539

Ion Ratio Lower Upper

75 100

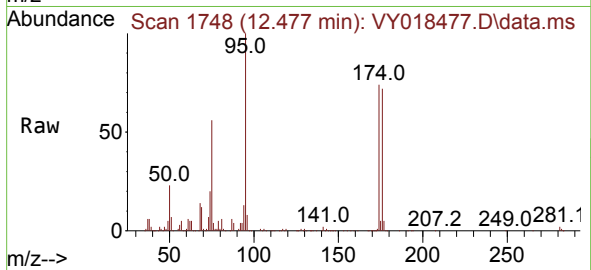
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 166.229 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018477.D
 Acq: 04 Jun 2024 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47539
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.3 35.8 53.6#

