

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018656.D
 Acq On : 20 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2952-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 01:07:32 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)

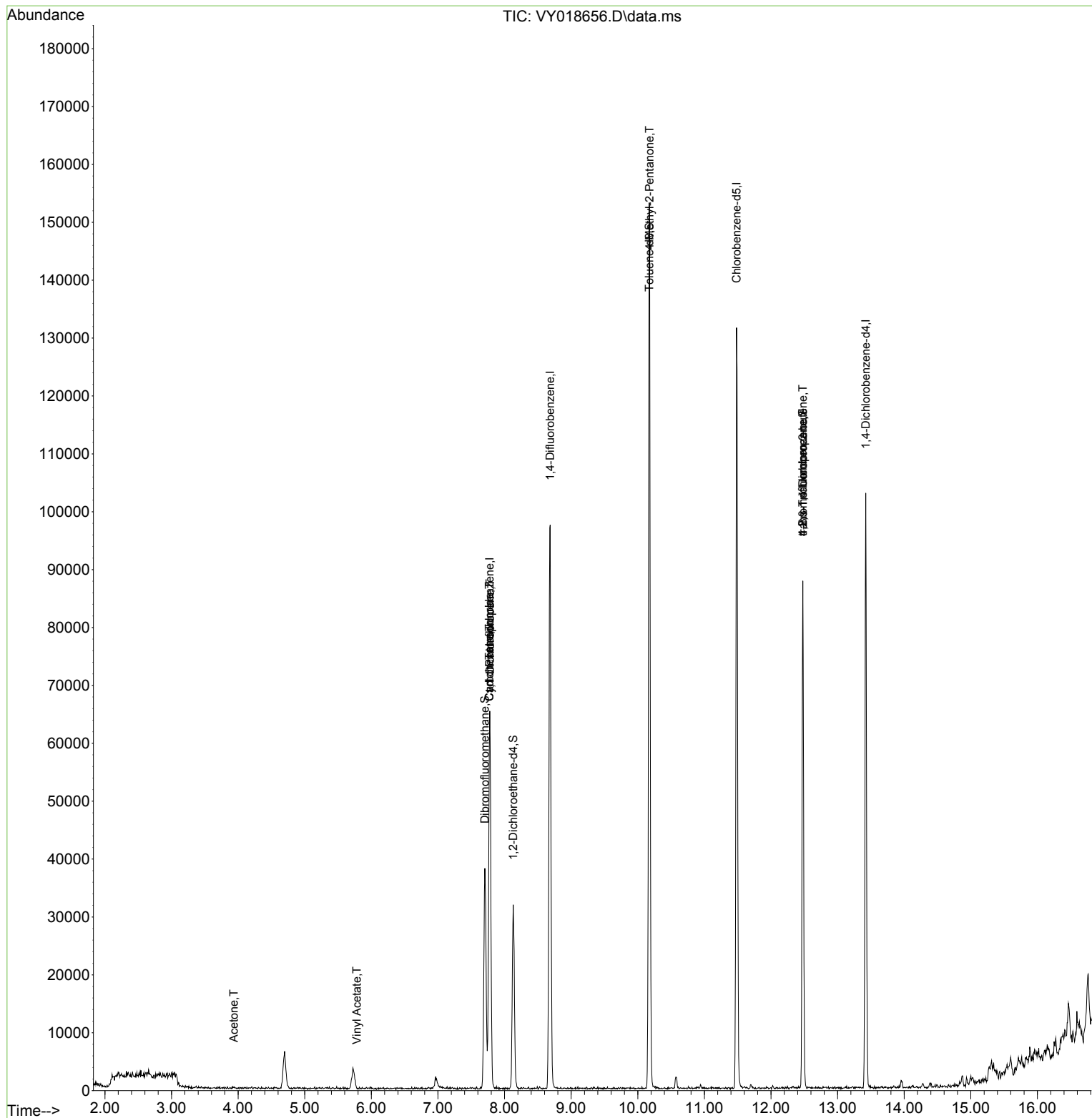
Internal Standards						
1) Pentafluorobenzene	7.777	168	50802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	89154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	74489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24297	47.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.000%
35) Dibromofluoromethane	7.704	113	26123	48.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.173	98	101698	48.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.477	95	24998	37.851	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.700%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	267	2.566	ug/l #	36
20) Methylene Chloride	4.698	84	4955	Below Cal		90
23) Vinyl Acetate	5.783	43	41	23.722	ug/l #	67
31) Cyclohexane	7.771	56	1068	1.363	ug/l #	64
36) 1,1-Dichloropropene	7.783	75	4052	5.413	ug/l #	48
38) Carbon Tetrachloride	7.771	117	4869	6.200	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	423	1.219	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	14532	58.675	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14532	153.690	ug/l #	16

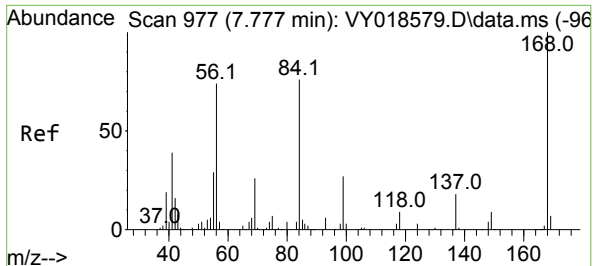
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
Data File : VY018656.D
Acq On : 20 Jun 2024 15:05
Operator : SY/MD
Sample : P2952-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

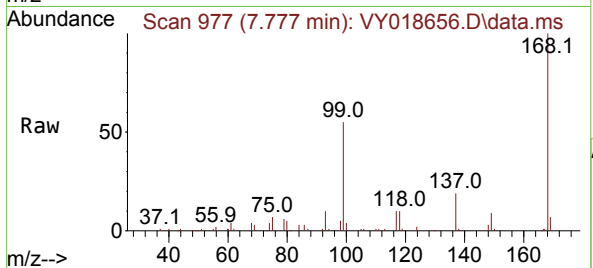
Quant Time: Jun 21 01:07:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



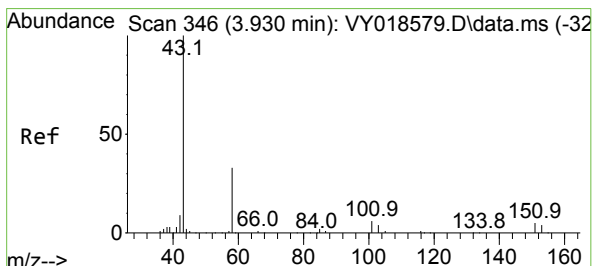
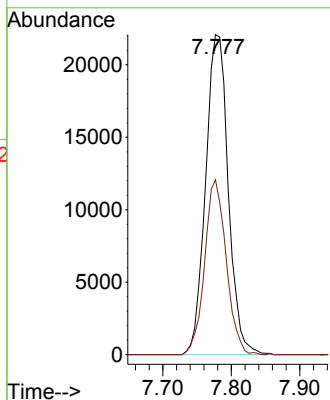
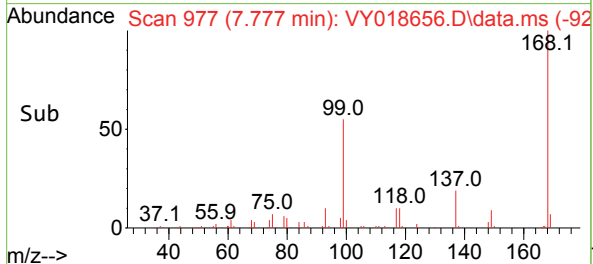


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :

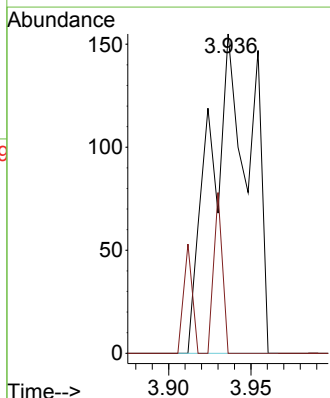
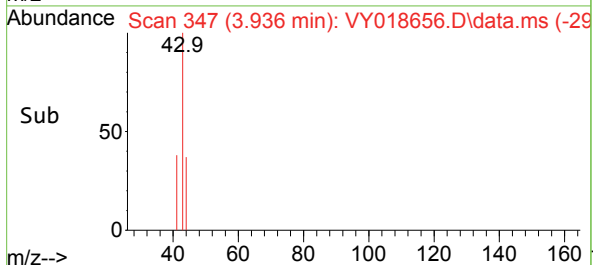
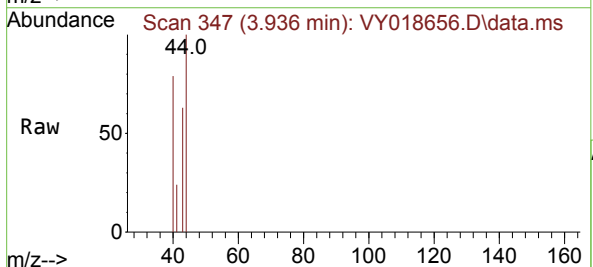


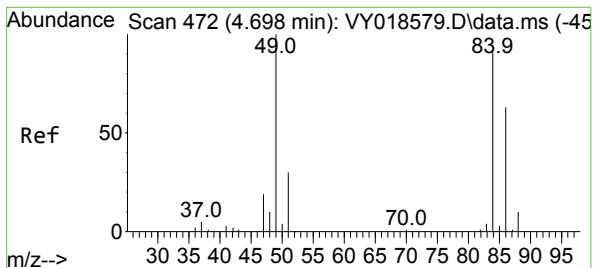
Tgt Ion:168 Resp: 50802
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#16
Acetone
Concen: 2.566 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 41

Delta R.T. 0.000 min

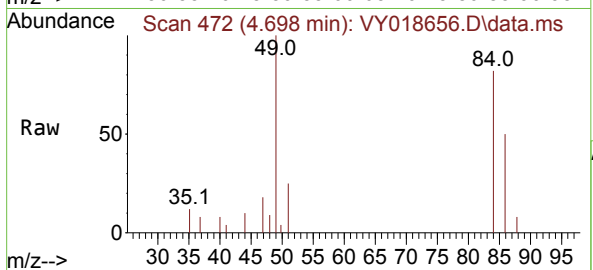
Lab File: VY018656.D

Acq: 20 Jun 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4955

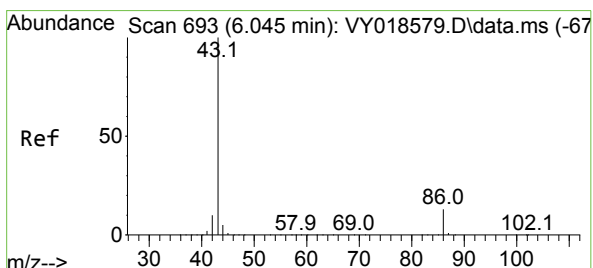
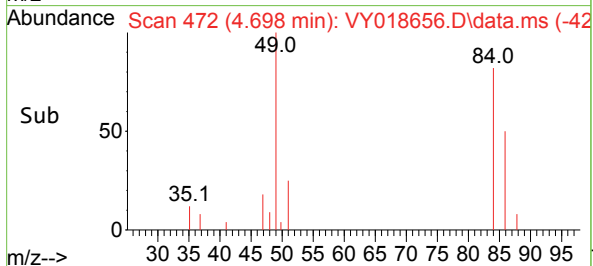
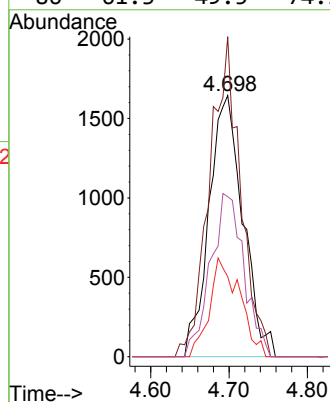
Ion Ratio Lower Upper

84 100

49 122.6 84.4 126.6

51 30.7 26.0 39.0

86 61.3 49.5 74.3



#23

Vinyl Acetate

Concen: 23.722 ug/l

RT: 5.783 min Scan# 650

Delta R.T. -0.262 min

Lab File: VY018656.D

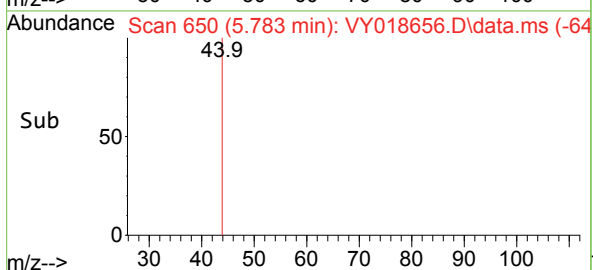
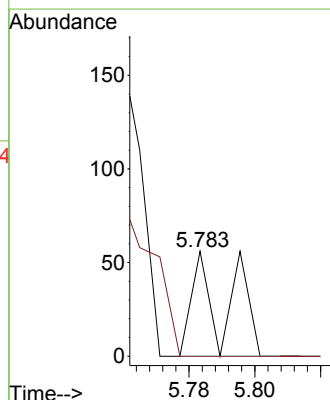
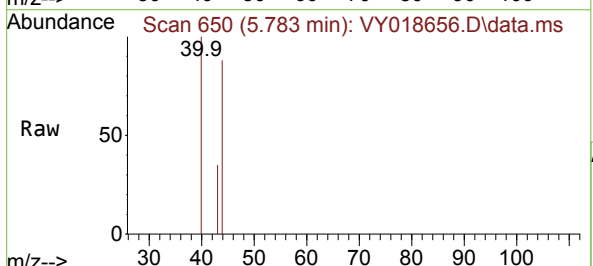
Acq: 20 Jun 2024 15:05

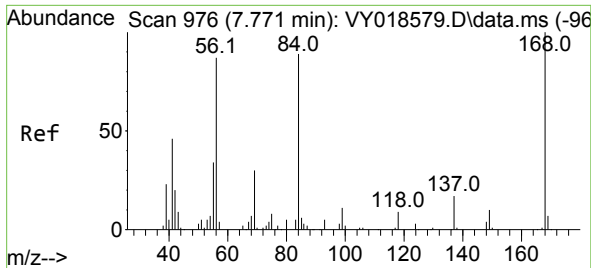
Tgt Ion: 43 Resp: 41

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#

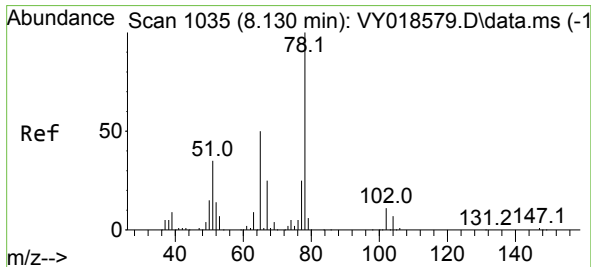
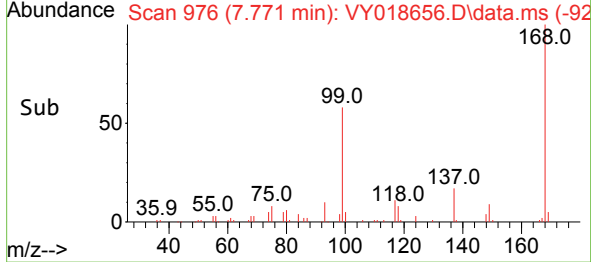
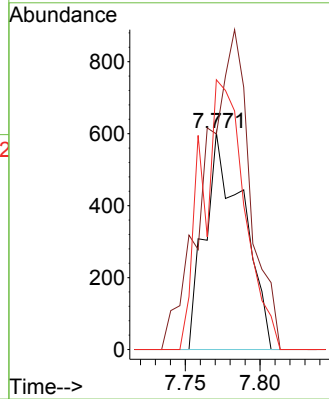
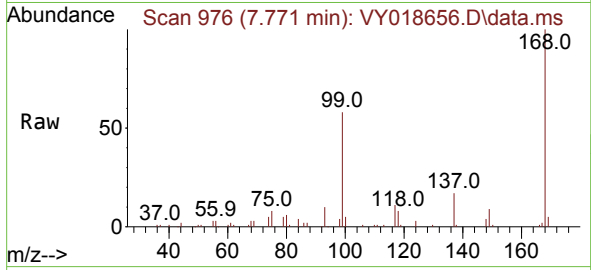




#31
Cyclohexane
Concen: 1.363 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

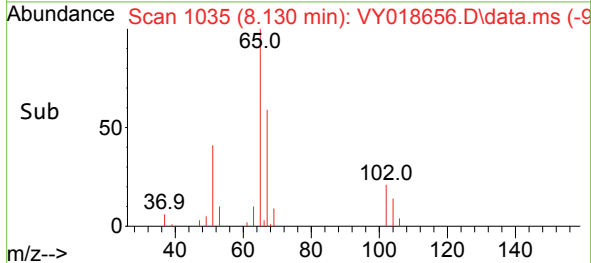
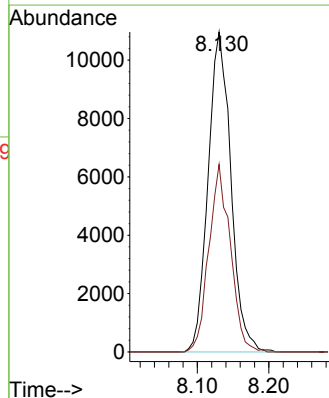
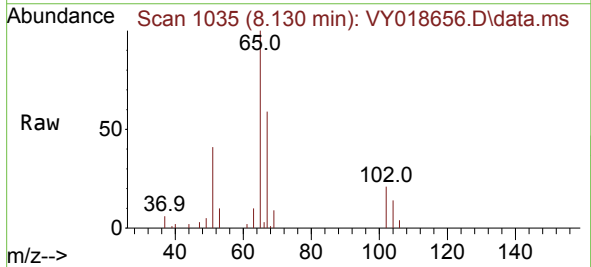
Instrument :
MSVOA_Y
ClientSampleId :

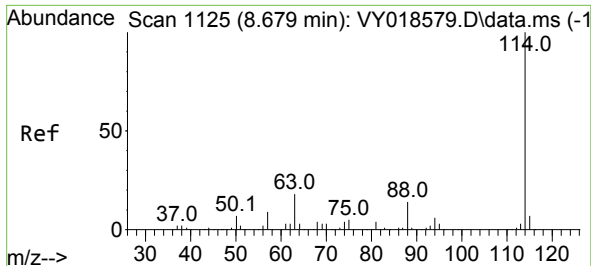
Tgt Ion: 56 Resp: 1068
Ion Ratio Lower Upper
56 100
69 89.5 28.7 43.1#
84 112.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 47.504 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Tgt Ion: 65 Resp: 24297
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018656.D

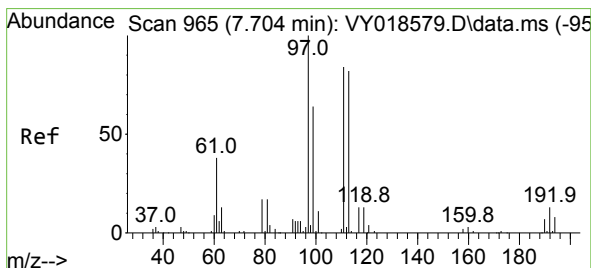
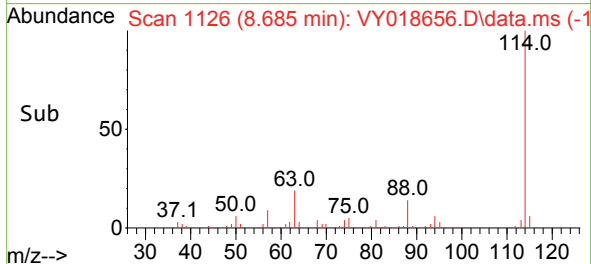
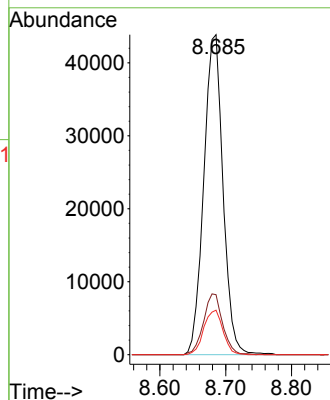
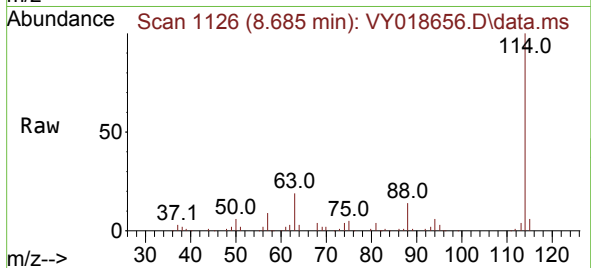
Acq: 20 Jun 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	89154
Ion Ratio	Lower	Upper
114	100	
63	18.7	0.0 35.0
88	13.9	0.0 27.2



#35

Dibromofluoromethane

Concen: 48.033 ug/l

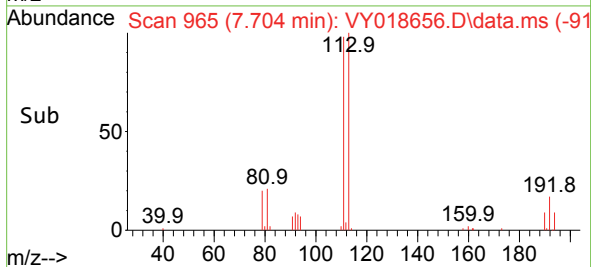
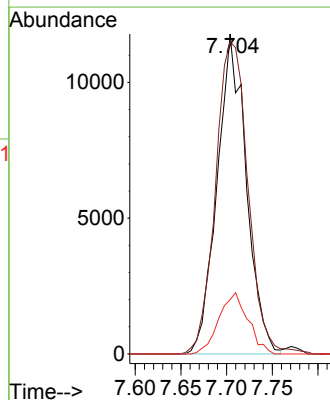
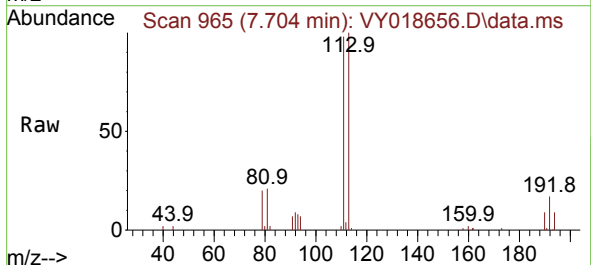
RT: 7.704 min Scan# 965

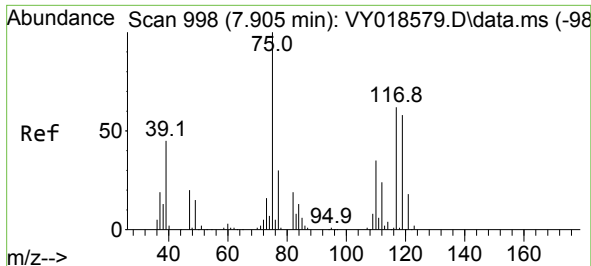
Delta R.T. 0.000 min

Lab File: VY018656.D

Acq: 20 Jun 2024 15:05

Tgt Ion:113	Resp:	26123
Ion Ratio	Lower	Upper
113	100	
111	108.7	82.2 123.4
192	19.1	15.9 23.9

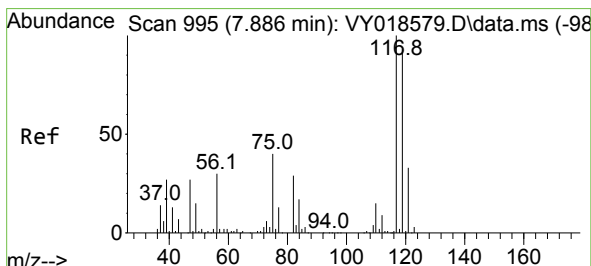
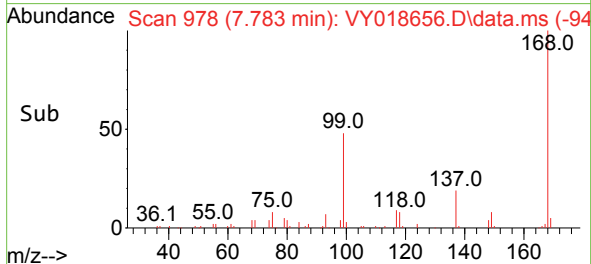
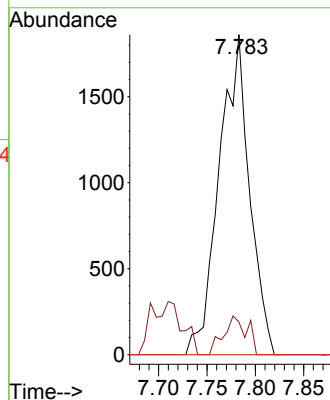
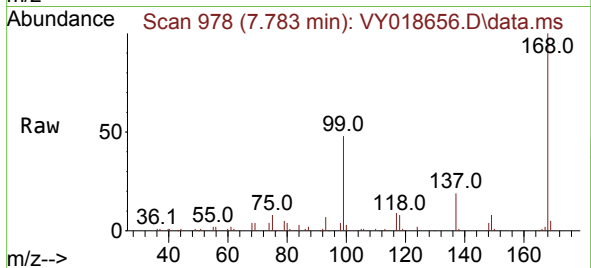




#36
1,1-Dichloropropene
Concen: 5.413 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

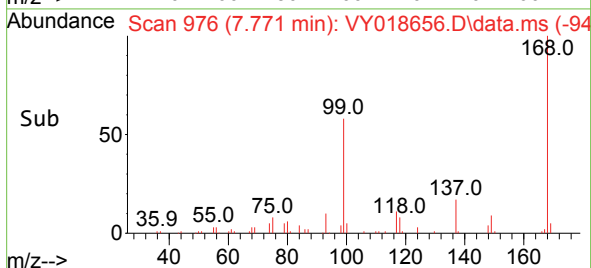
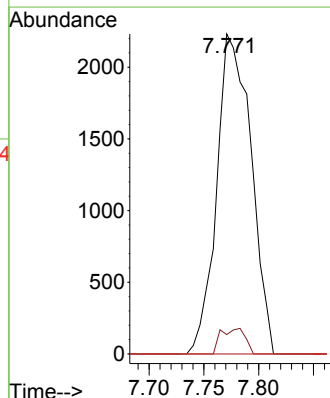
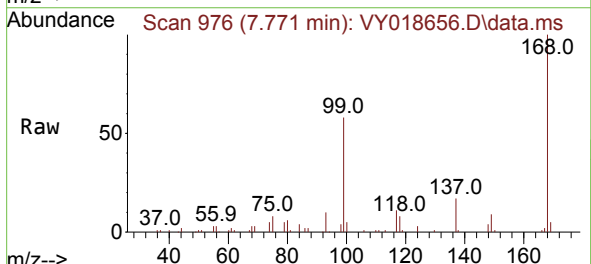
Instrument :
MSVOA_Y
ClientSampleId :

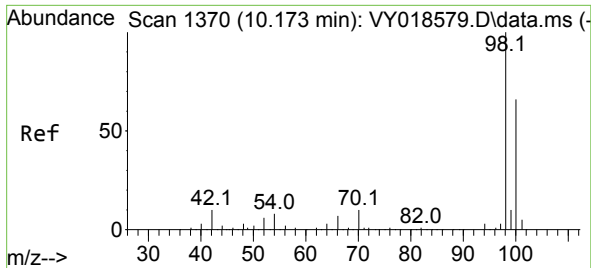
Tgt Ion: 75 Resp: 4052
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.116 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Tgt Ion: 117 Resp: 4869
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#

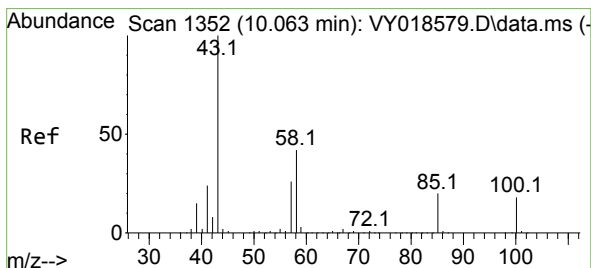
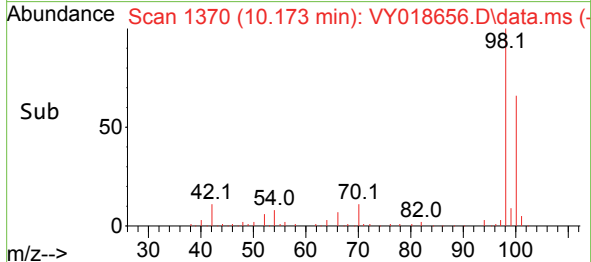
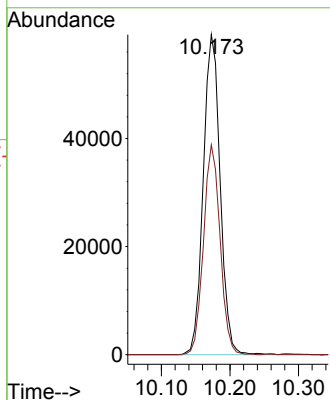
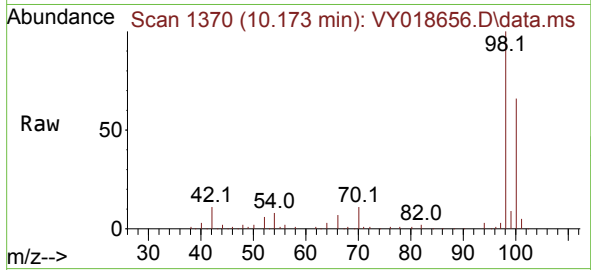




#50
Toluene-d8
Concen: 48.625 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

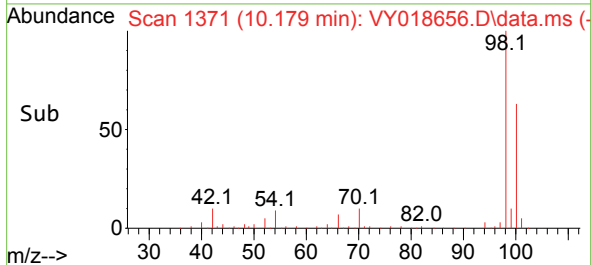
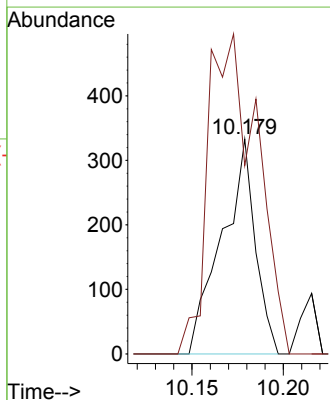
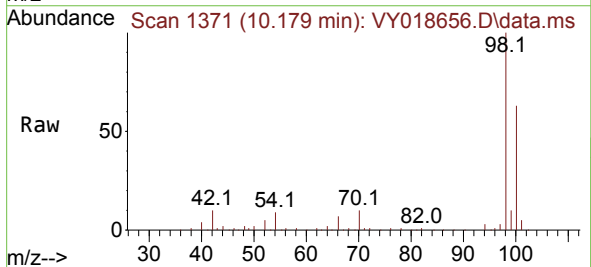
Instrument :
MSVOA_Y
ClientSampleId :

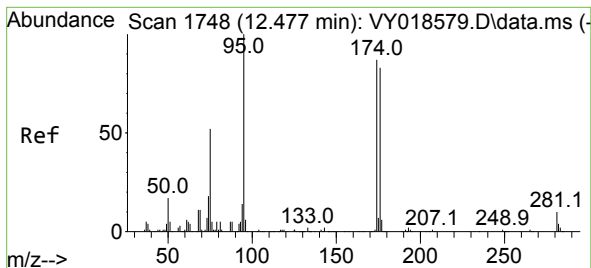
Tgt Ion: 98 Resp: 101698
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.219 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.116 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 218.0 35.7 53.5#

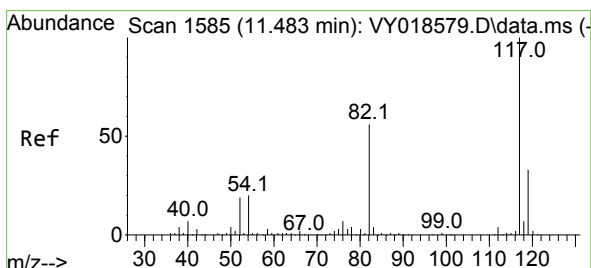
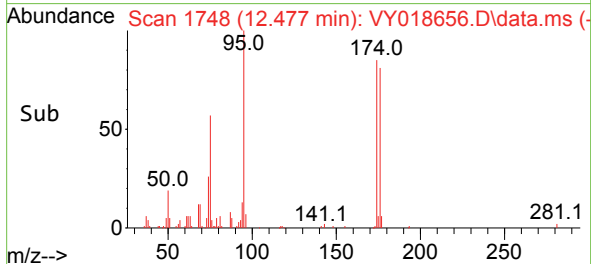
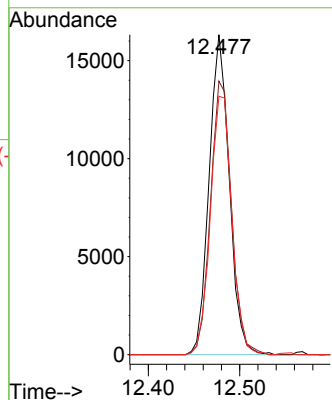
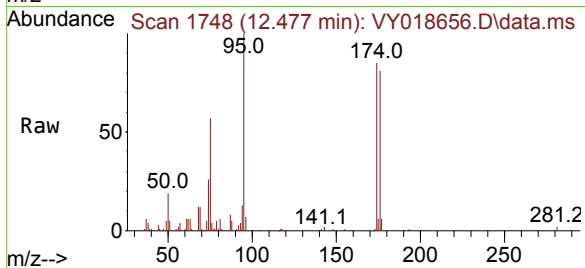




#62
4-Bromofluorobenzene
Concen: 37.851 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

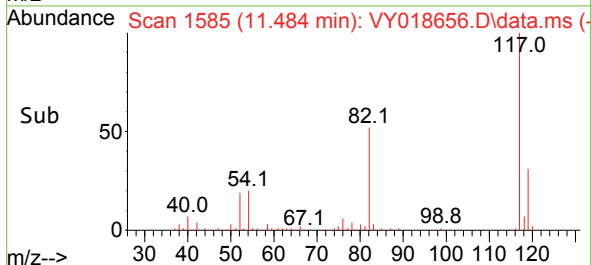
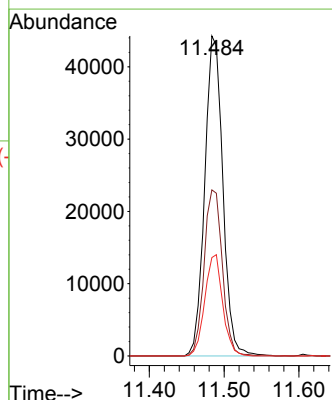
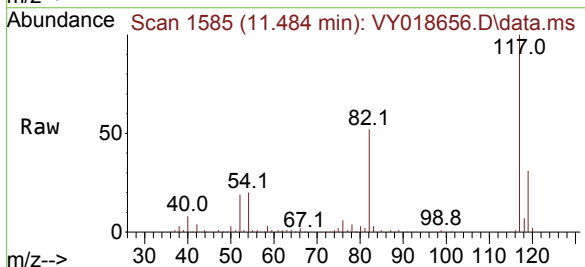
Instrument :
MSVOA_Y
ClientSampleId :

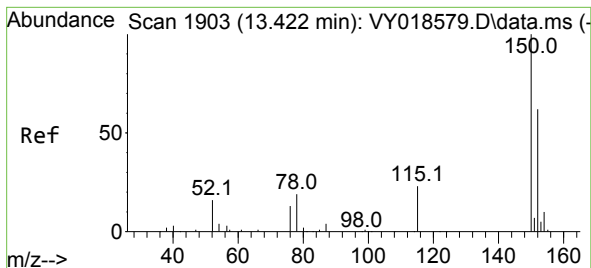
Tgt Ion: 95 Resp: 24998
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 86.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018656.D
Acq: 20 Jun 2024 15:05

Tgt Ion: 117 Resp: 74489
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 30.7 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: VY018656.D

Acq: 20 Jun 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

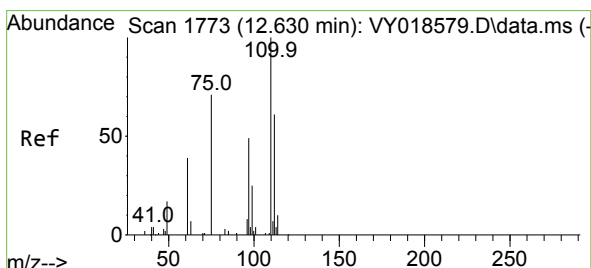
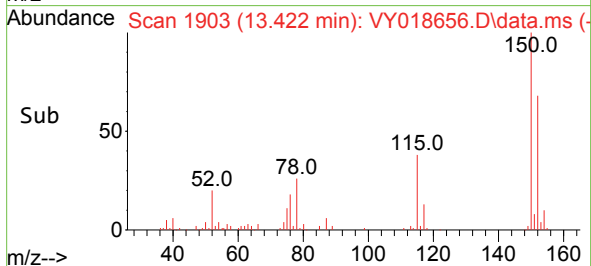
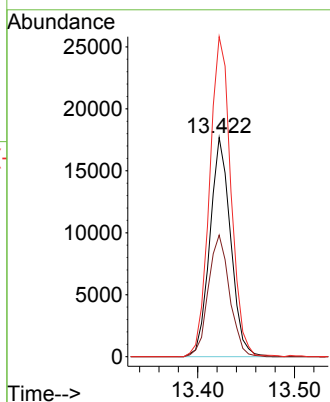
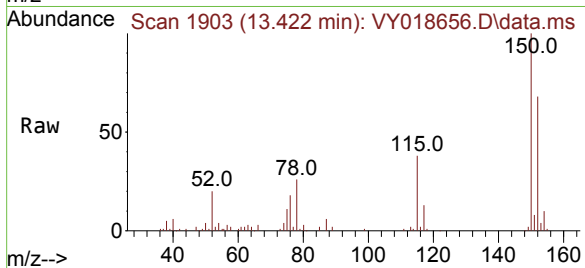
Tgt Ion:152 Resp: 26403

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 149.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.675 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018656.D

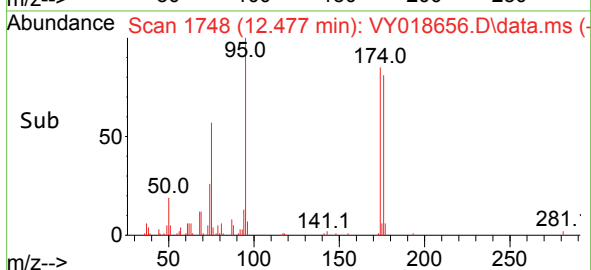
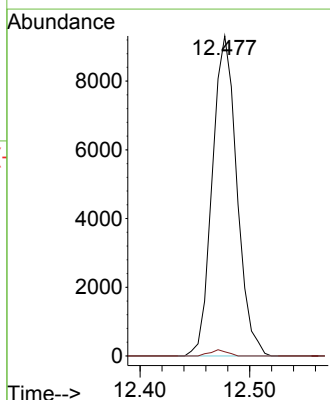
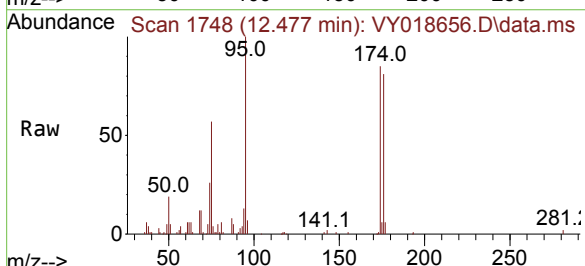
Acq: 20 Jun 2024 15:05

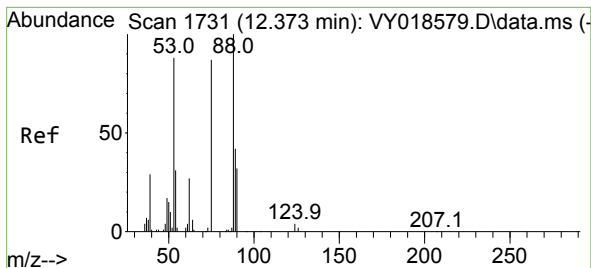
Tgt Ion: 75 Resp: 14532

Ion Ratio Lower Upper

75 100

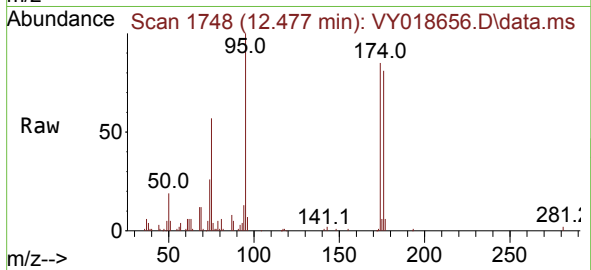
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.690 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018656.D
 Acq: 20 Jun 2024 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 14532
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

