

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018633.D
 Acq On : 18 Jun 2024 16:56
 Operator : SY/MD
 Sample : P2918-01
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 02:03:39 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)

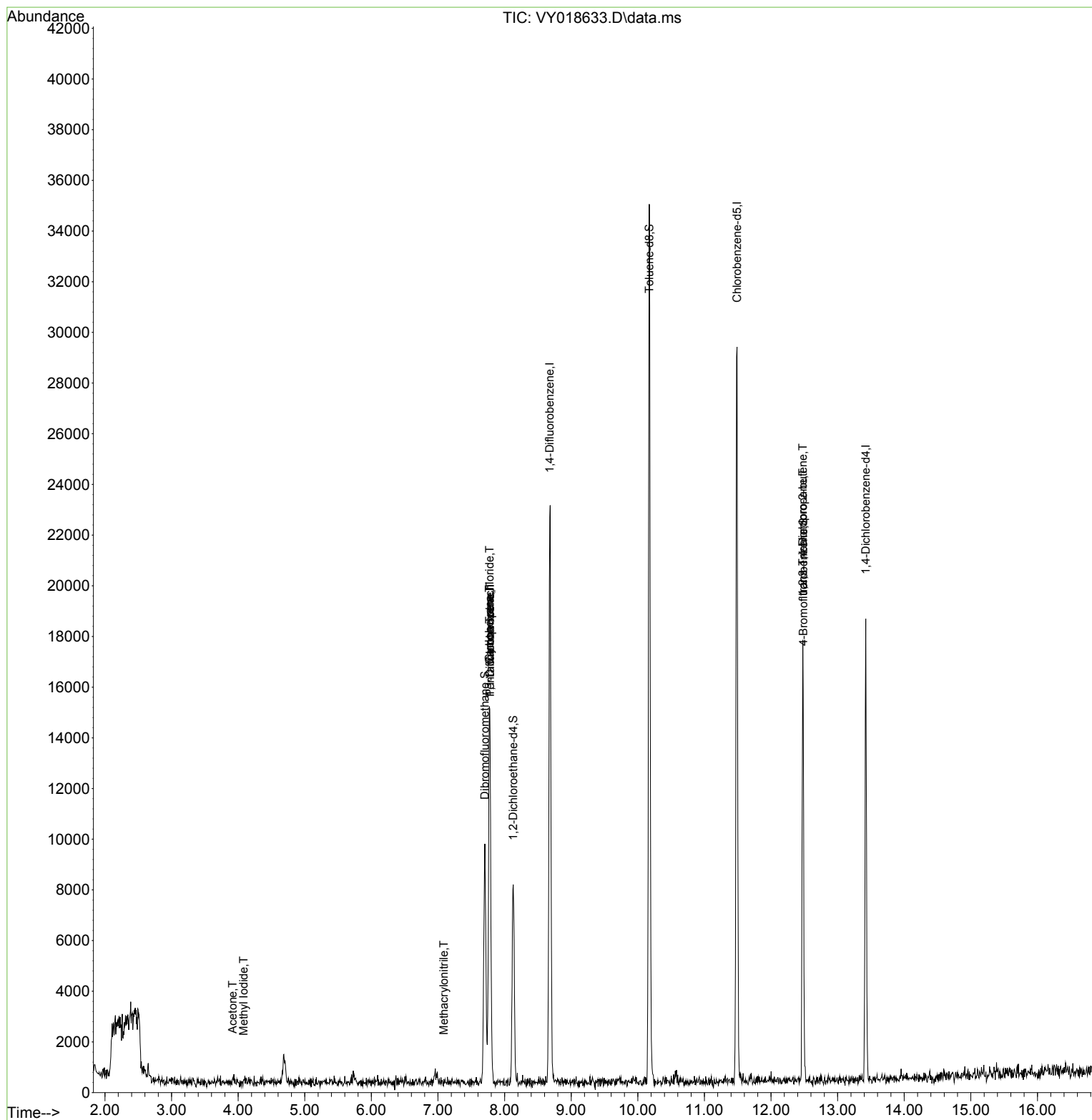
Internal Standards						
1) Pentafluorobenzene	7.783	168	12254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	20440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	6362	51.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.140%	
35) Dibromofluoromethane	7.703	113	6815	54.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.320%	
50) Toluene-d8	10.173	98	22665	47.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.540%	
62) 4-Bromofluorobenzene	12.483	95	4953	32.712	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.420%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	168	1.877	ug/l #	42
16) Acetone	3.918	43	241	9.601	ug/l #	36
20) Methylene Chloride	4.680	84	971	Below Cal	#	62
31) Cyclohexane	7.771	56	365	1.931	ug/l #	79
36) 1,1-Dichloropropene	7.783	75	1014	5.908	ug/l #	40
38) Carbon Tetrachloride	7.777	117	1174	6.520	ug/l #	13
41) Methacrylonitrile	7.088	41	46	1.130	ug/l #	31
76) 1,2,3-Trichloropropane	12.477	75	2948	73.257	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2948	191.887	ug/l #	16

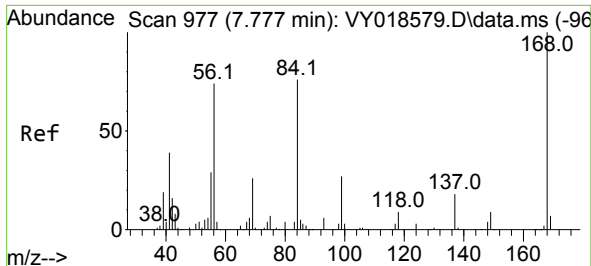
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
Data File : VY018633.D
Acq On : 18 Jun 2024 16:56
Operator : SY/MD
Sample : P2918-01
Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

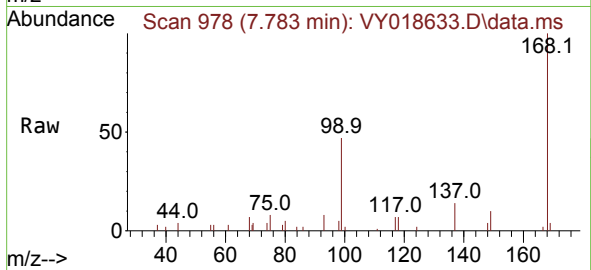
Quant Time: Jun 19 02:03:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



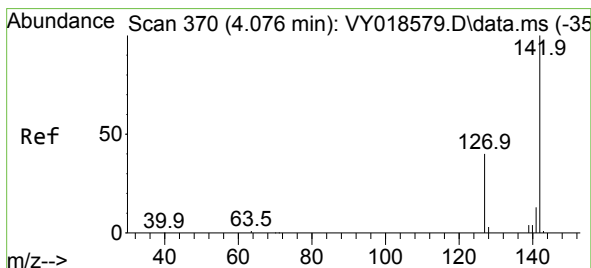
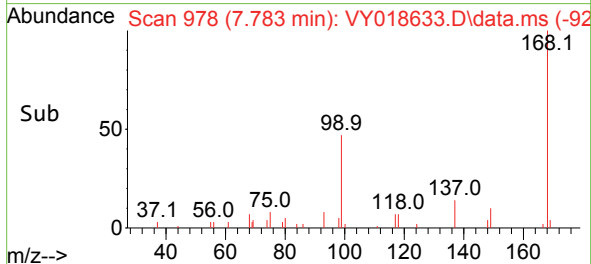
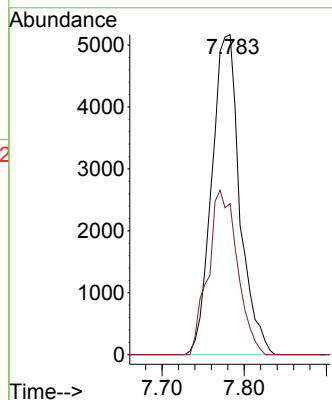


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

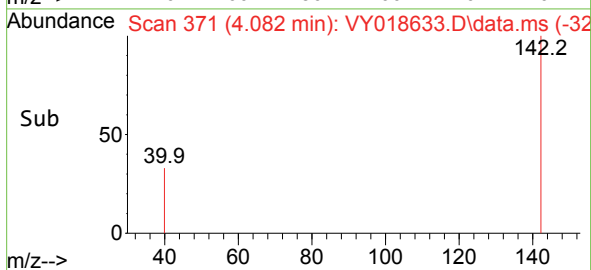
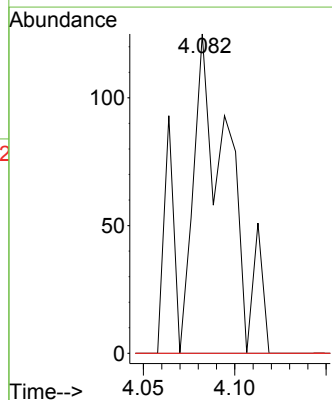
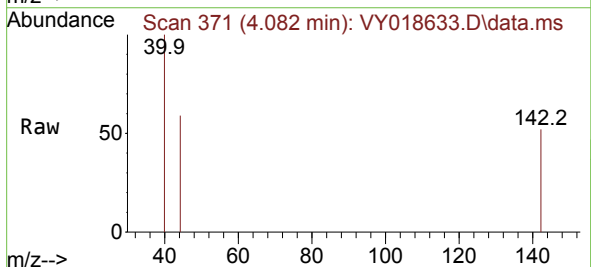


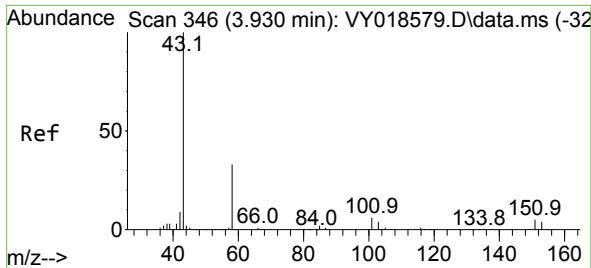
Tgt Ion:168 Resp: 12254
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#10
Methyl Iodide
Concen: 1.877 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 9.601 ug/l

RT: 3.918 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY018633.D

Acq: 18 Jun 2024 16:56

Instrument :

MSVOA_Y

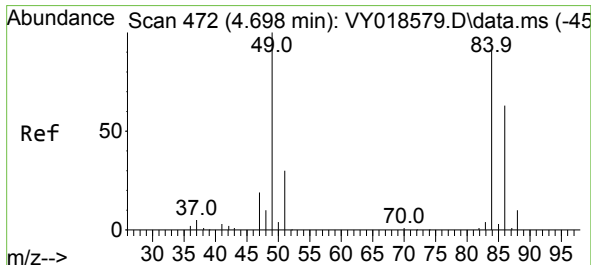
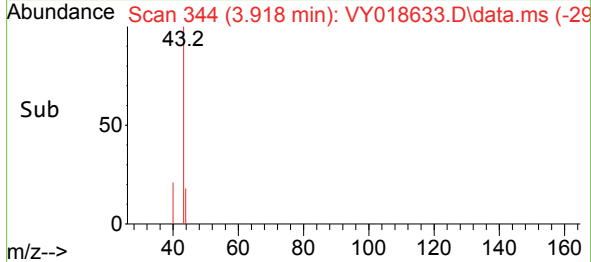
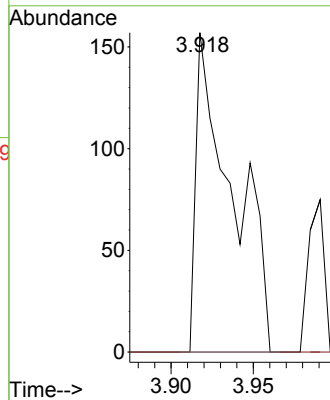
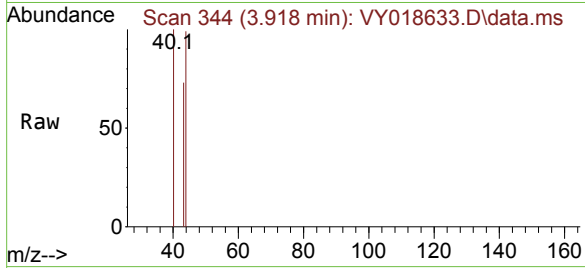
ClientSampleId :

Tgt Ion: 43 Resp: 241

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.680 min Scan# 469

Delta R.T. -0.018 min

Lab File: VY018633.D

Acq: 18 Jun 2024 16:56

Tgt Ion: 84 Resp: 971

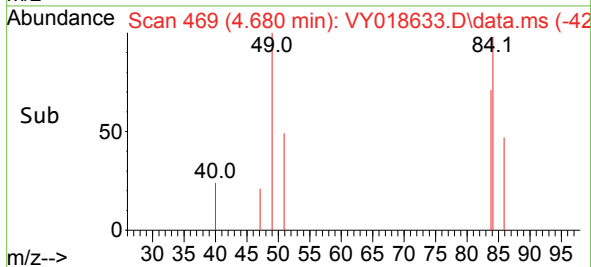
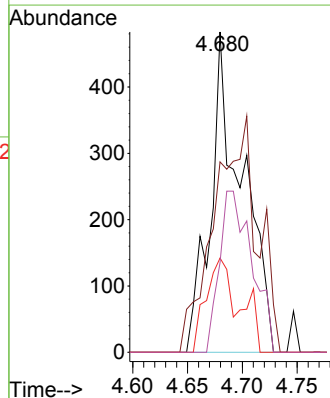
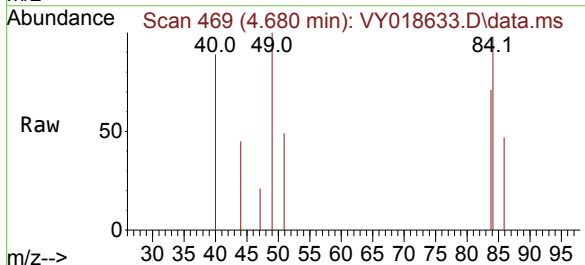
Ion Ratio Lower Upper

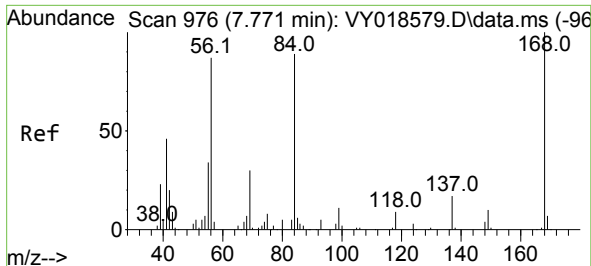
84 100

49 59.4 84.4 126.6#

51 29.4 26.0 39.0

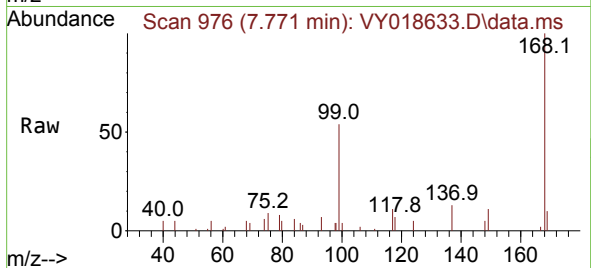
86 28.0 49.5 74.3#



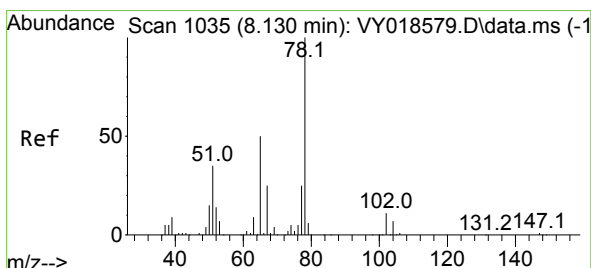
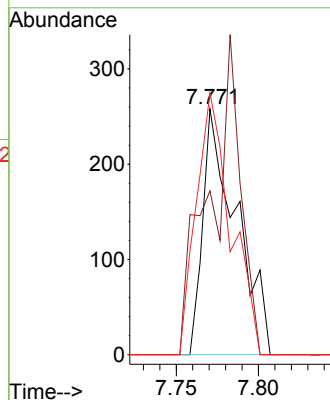
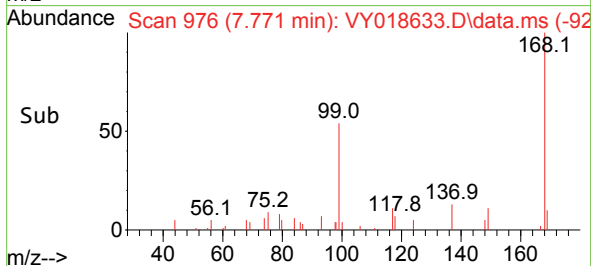


#31
Cyclohexane
Concen: 1.931 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

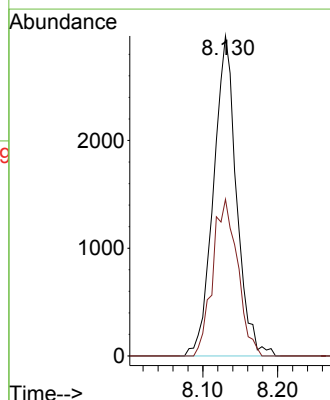
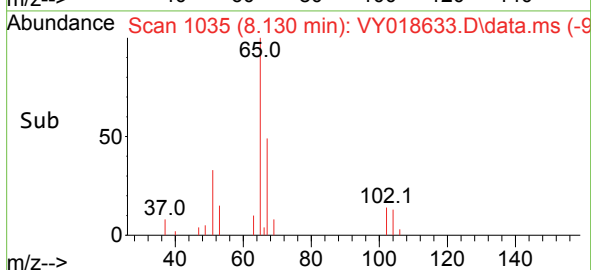
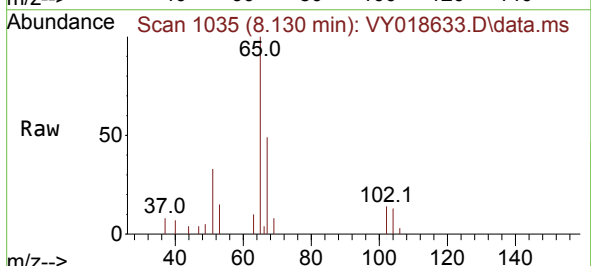


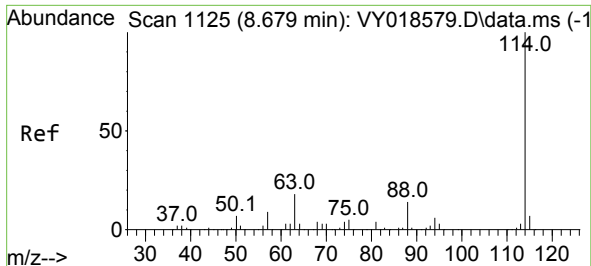
Tgt Ion: 56 Resp: 365
Ion Ratio Lower Upper
56 100
69 66.7 28.7 43.1#
84 106.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.568 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

Tgt Ion: 65 Resp: 6362
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

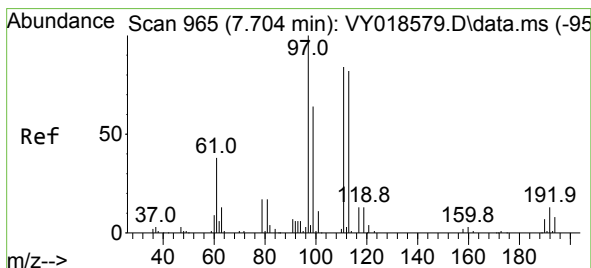
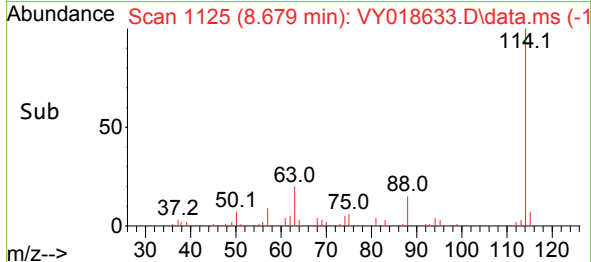
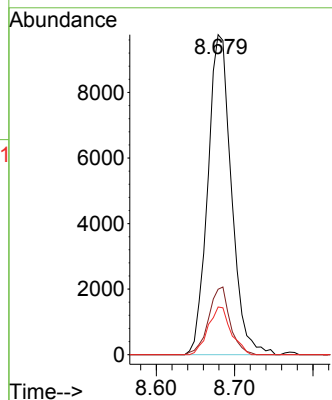
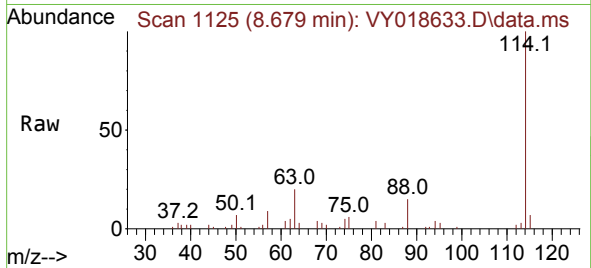




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

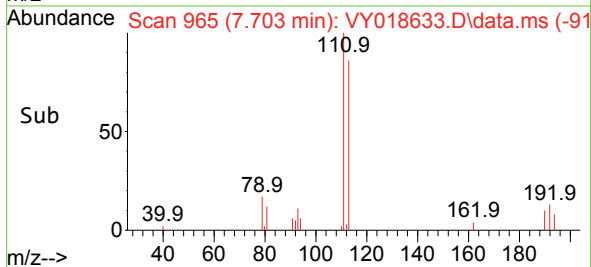
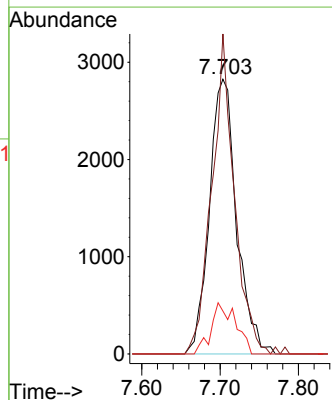
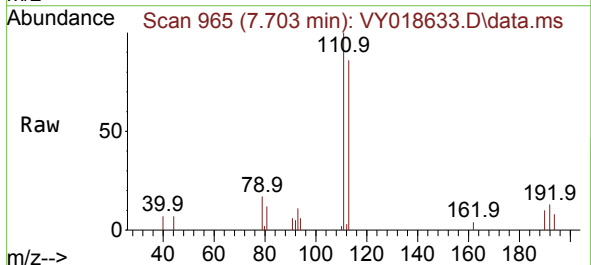
Instrument :
MSVOA_Y
ClientSampleId :

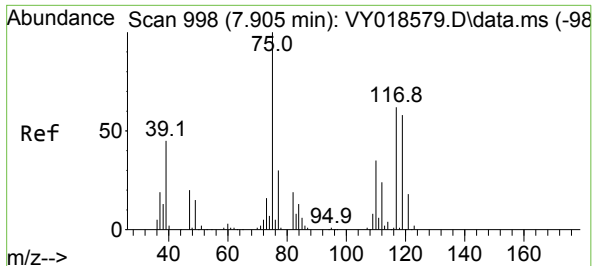
Tgt Ion:114 Resp: 20440
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.0
88 14.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.657 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

Tgt Ion:113 Resp: 6815
Ion Ratio Lower Upper
113 100
111 96.4 82.2 123.4
192 16.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.908 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY018633.D

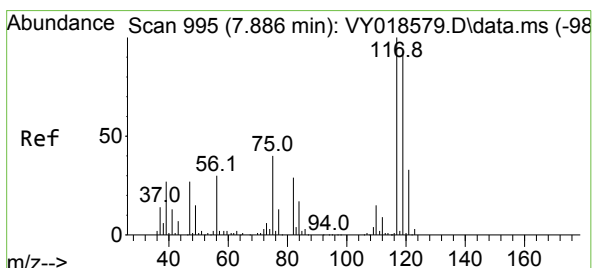
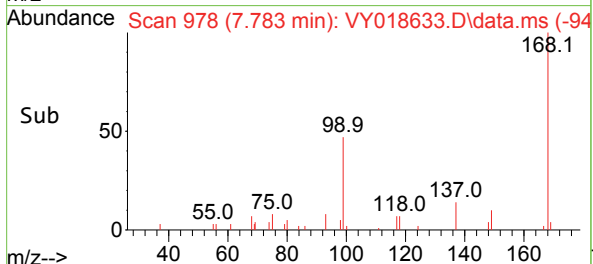
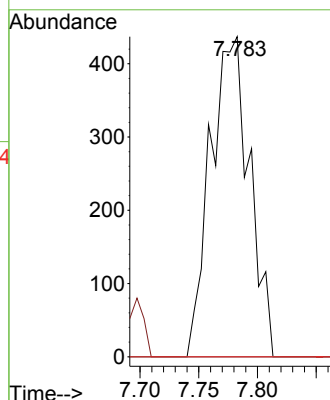
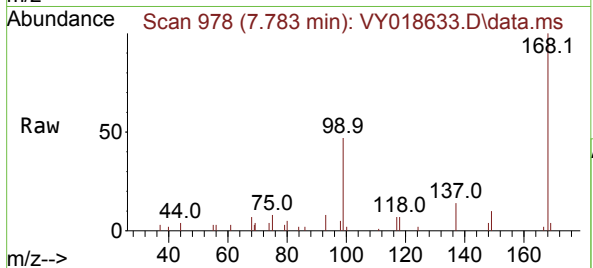
Acq: 18 Jun 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	1014
Ion Ratio	Lower	Upper
75	100	
110	0.0	19.0 57.0#
77	0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.520 ug/l

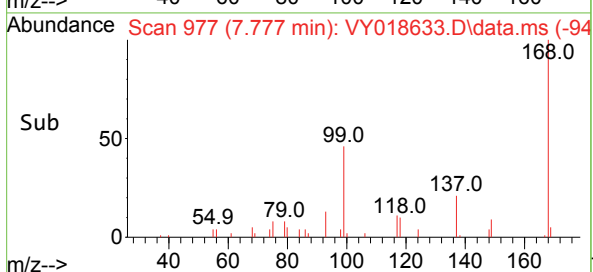
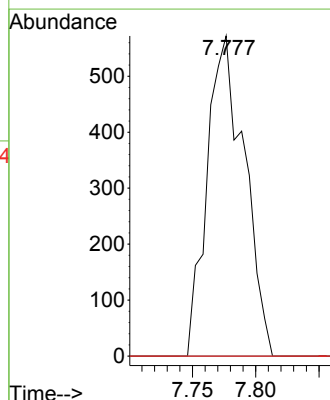
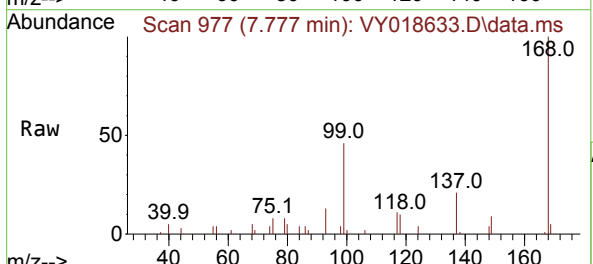
RT: 7.777 min Scan# 977

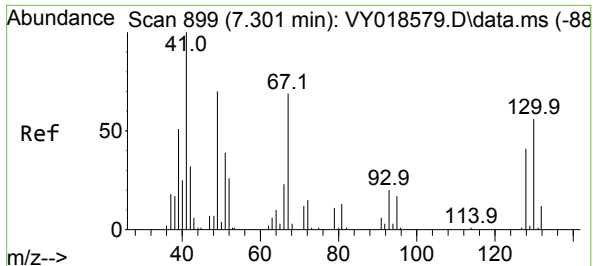
Delta R.T. -0.110 min

Lab File: VY018633.D

Acq: 18 Jun 2024 16:56

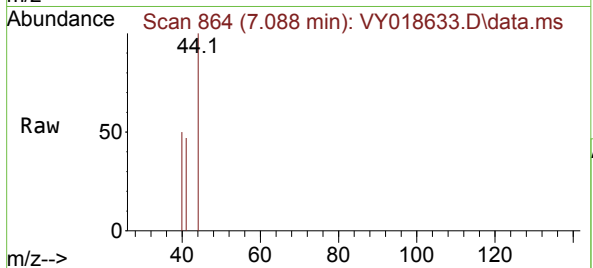
Tgt Ion: 117	Resp:	1174
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.0 36.0#



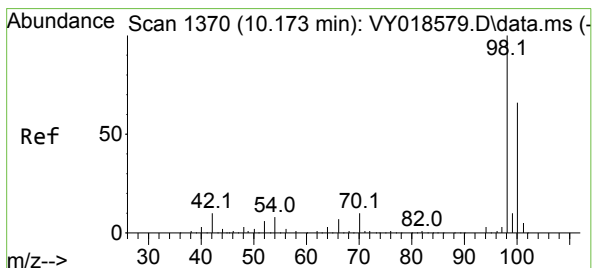
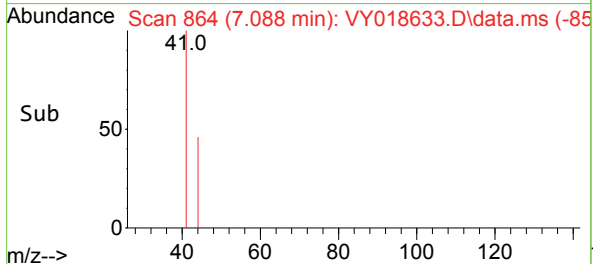
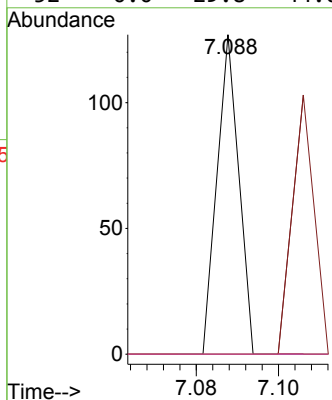


#41
Methacrylonitrile
Concen: 1.130 ug/l
RT: 7.088 min Scan# 80
Delta R.T. -0.213 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

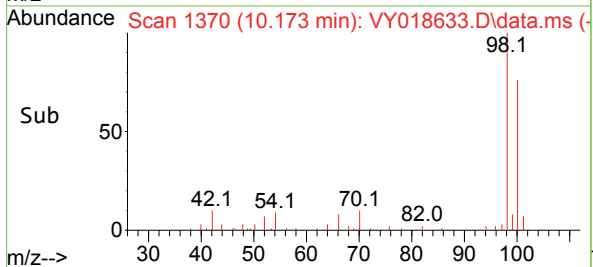
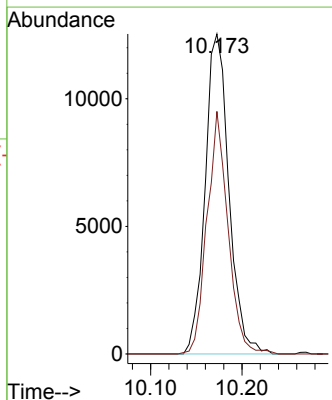
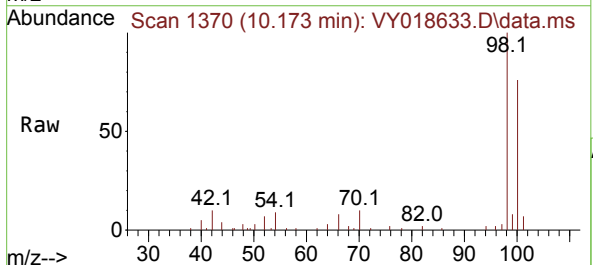


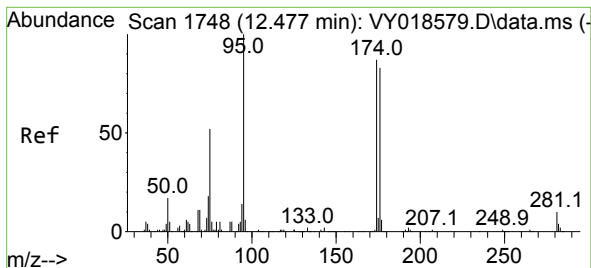
Tgt Ion: 41	Resp: 46
Ion Ratio	Lower Upper
41	100
39	82.6 48.0 72.0#
67	0.0 75.1 112.7#
52	0.0 29.8 44.6#



#50
Toluene-d8
Concen: 47.268 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

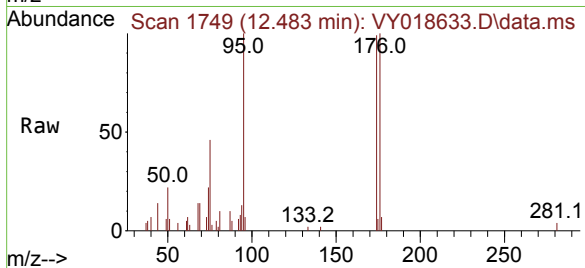
Tgt Ion: 98	Resp: 22665
Ion Ratio	Lower Upper
98	100
100	67.1 52.0 78.0



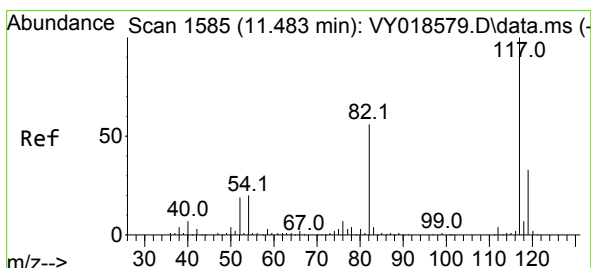
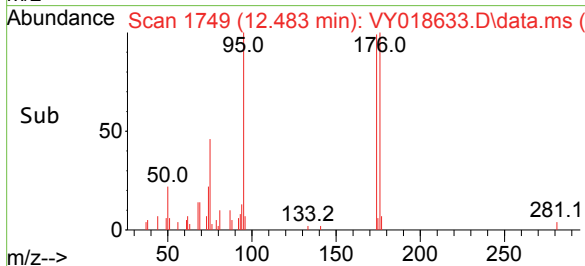
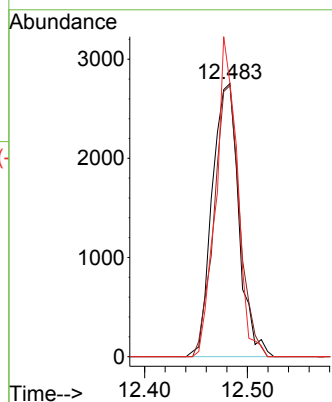


#62
4-Bromofluorobenzene
Concen: 32.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

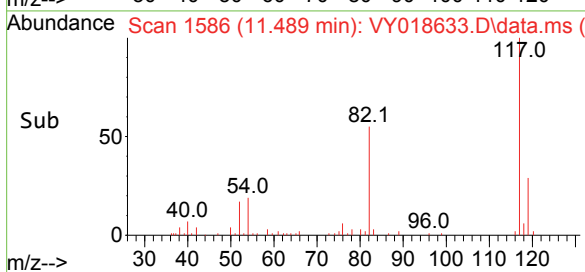
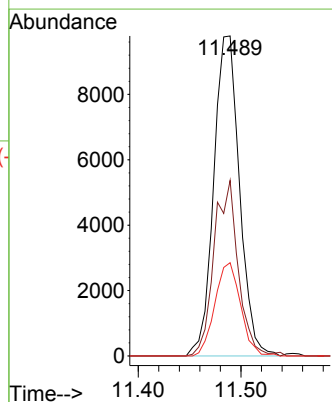
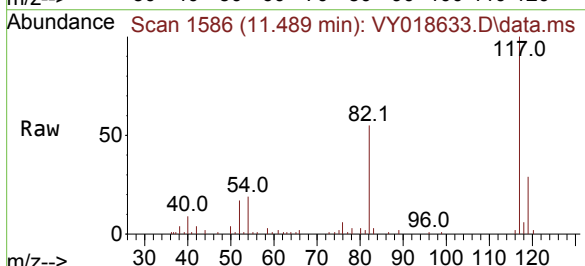


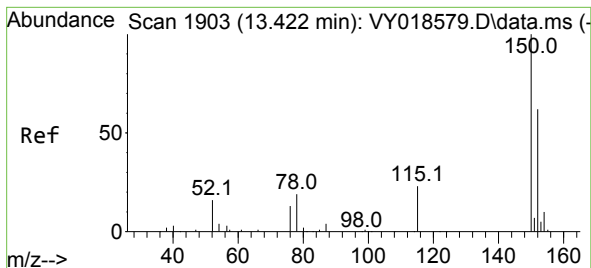
Tgt Ion: 95 Resp: 4953
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 94.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018633.D
Acq: 18 Jun 2024 16:56

Tgt Ion: 117 Resp: 17033
Ion Ratio Lower Upper
117 100
82 54.9 42.4 63.6
119 29.2 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: VY018633.D

Acq: 18 Jun 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

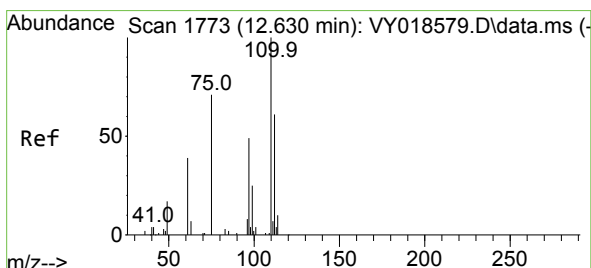
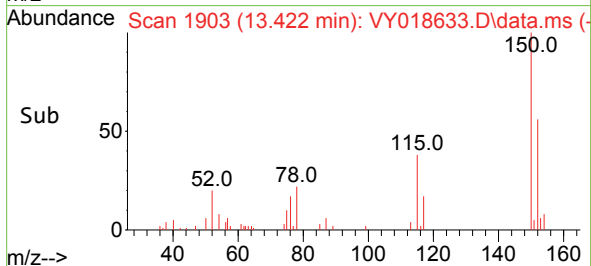
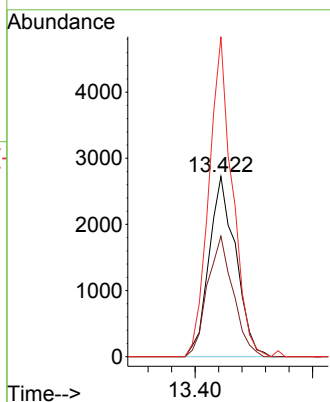
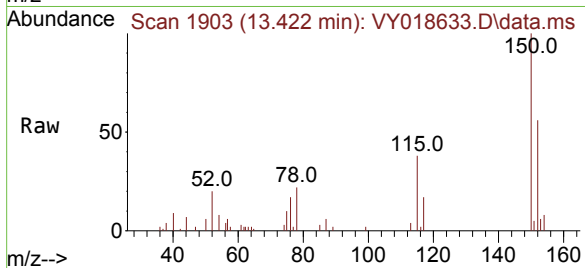
Tgt Ion:152 Resp: 4290

Ion Ratio Lower Upper

152 100

115 64.4 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 73.257 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018633.D

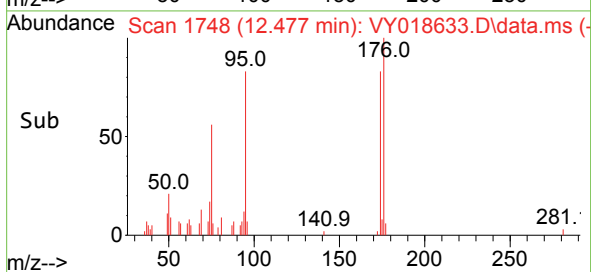
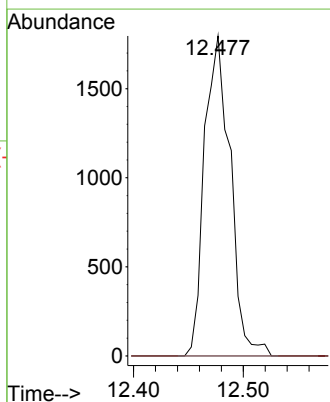
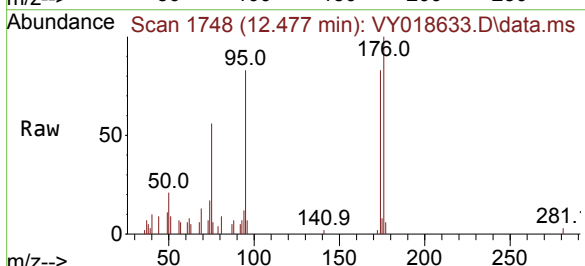
Acq: 18 Jun 2024 16:56

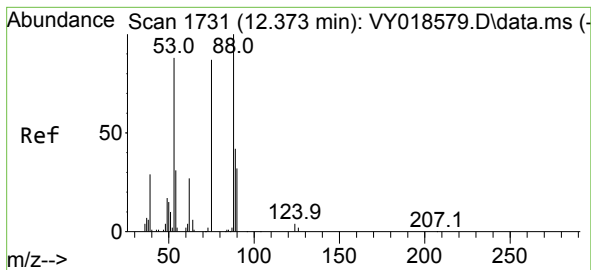
Tgt Ion: 75 Resp: 2948

Ion Ratio Lower Upper

75 100

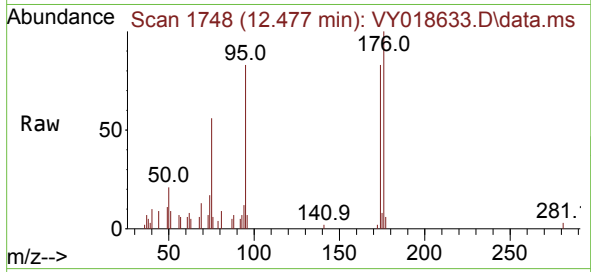
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 191.887 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018633.D
 Acq: 18 Jun 2024 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	2948
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

