

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018473.D
 Acq On : 04 Jun 2024 18:59
 Operator : SY/MD
 Sample : P2686-07
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

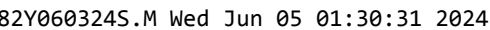
Quant Time: Jun 05 01:30:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

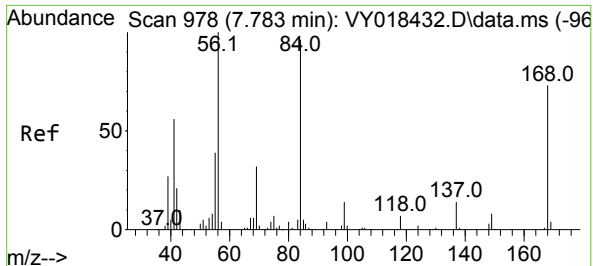
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	43903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	88909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	76859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46134	53.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.020%	
35) Dibromofluoromethane	7.704	113	46960	41.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.300%	
50) Toluene-d8	10.173	98	180023	40.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.280%	
62) 4-Bromofluorobenzene	12.477	95	48150	34.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 68.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	415	Below Cal	#	46
13) Acrolein	3.716	56	133	1.507	ug/l #	59
16) Acetone	3.930	43	6536	34.155	ug/l	94
20) Methylene Chloride	4.710	84	5337	2.127	ug/l	95
25) 2-Butanone	6.972	43	2211	7.542	ug/l #	85
29) Tetrahydrofuran	7.332	42	206	1.082	ug/l #	47
31) Cyclohexane	7.771	56	1758	1.094	ug/l #	74
38) Carbon Tetrachloride	7.777	117	5006	2.906	ug/l #	16
40) Benzene	8.155	78	20810	4.040	ug/l	98
49) 1,4-Dioxane	9.191	88	53	5.976	ug/l #	86
68) m/p-Xylenes	11.703	106	4956	2.194	ug/l	87
76) 1,2,3-Trichloropropane	12.477	75	27071	77.999	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27071	163.872	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.111	105	3826	1.737	ug/l	96

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

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Response via : Initial Calibration

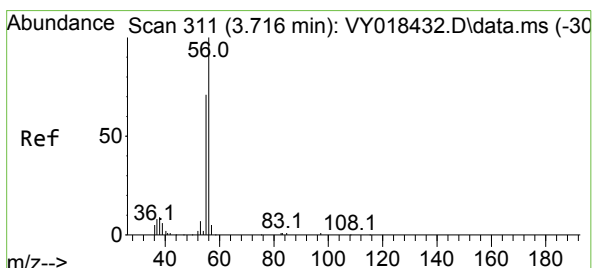
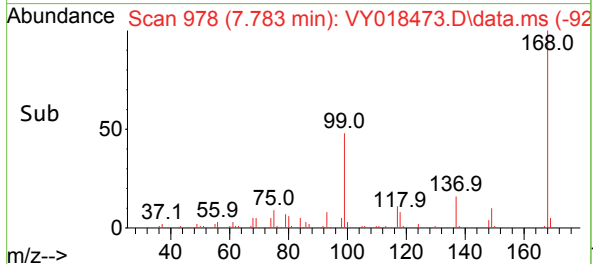
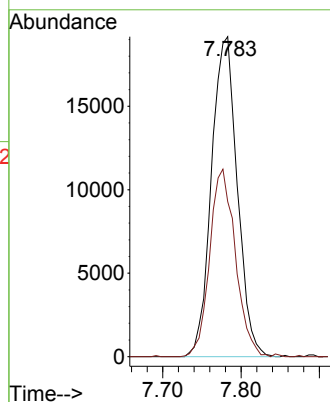
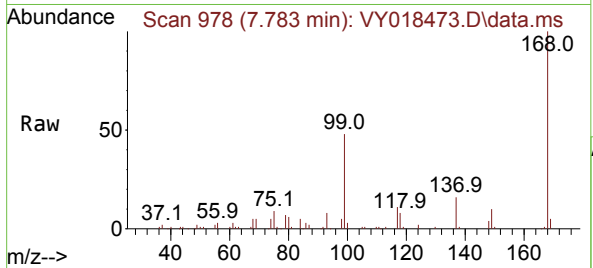




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

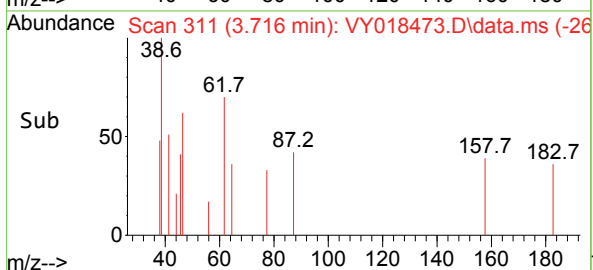
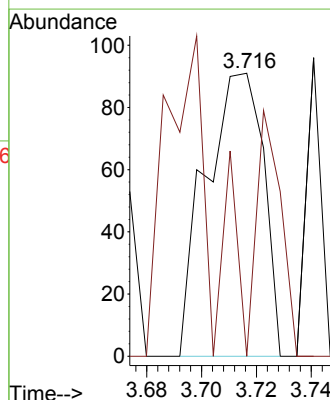
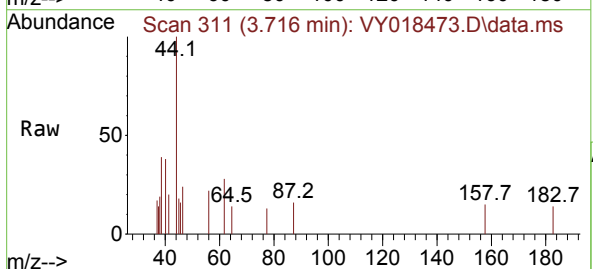
Instrument :
MSVOA_Y
ClientSampleId :

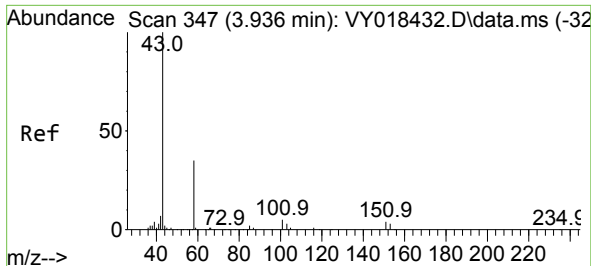
Tgt Ion:168 Resp: 43903
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#13
Acrolein
Concen: 1.507 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 36.1 55.7 83.5#

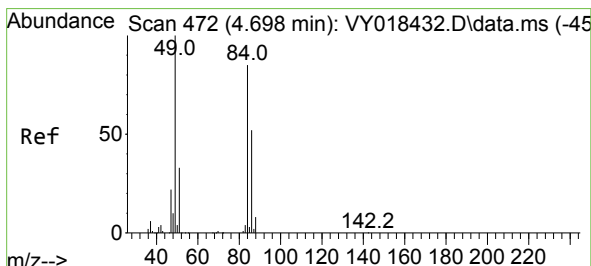
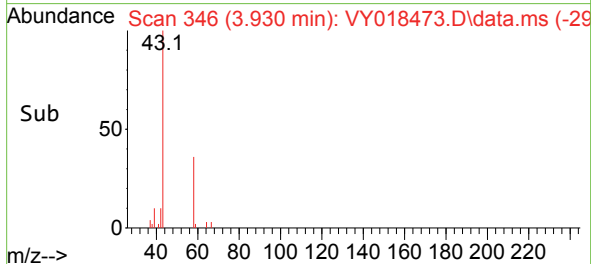
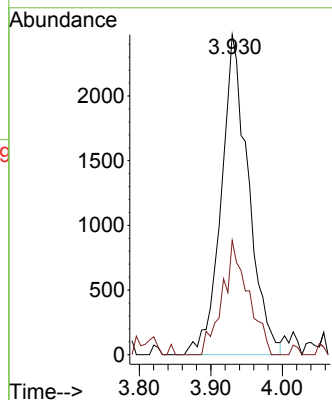
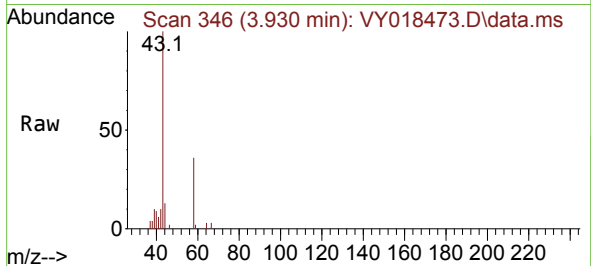




#16
Acetone
Concen: 34.155 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

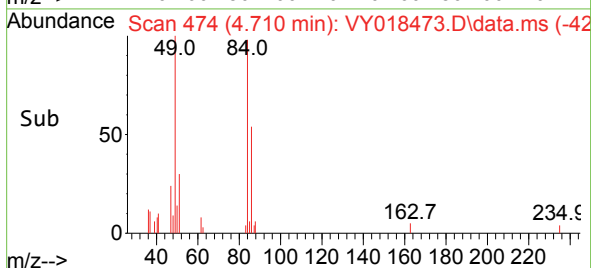
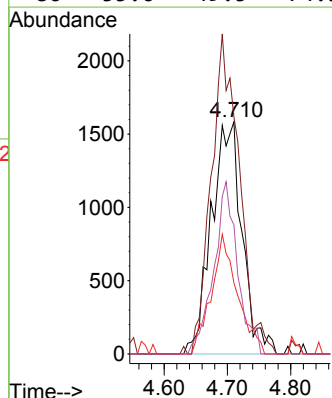
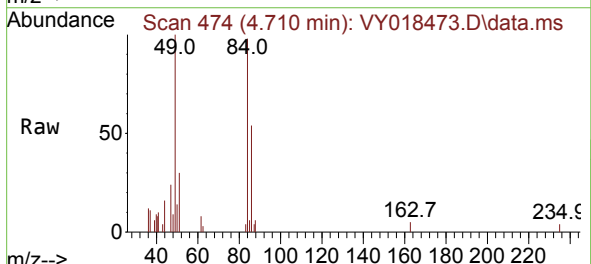
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MSVOA_Y
ClientSampleId :

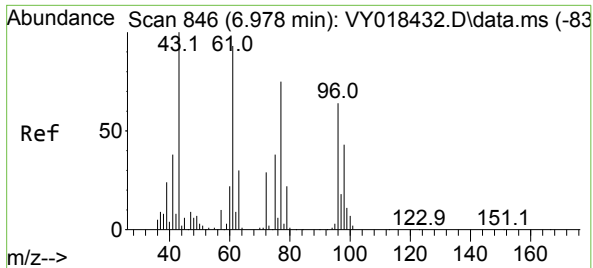
Tgt Ion: 43 Resp: 6536
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5



#20
Methylene Chloride
Concen: 2.127 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

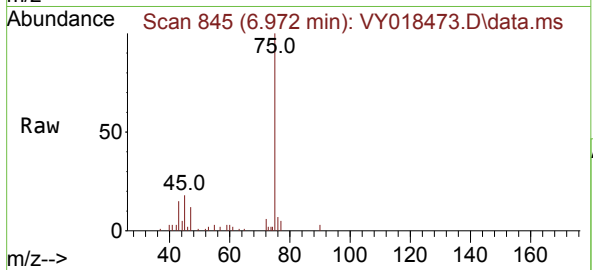
Tgt Ion: 84 Resp: 5337
Ion Ratio Lower Upper
84 100
49 102.0 84.4 126.6
51 30.5 26.0 39.0
86 55.6 49.5 74.3



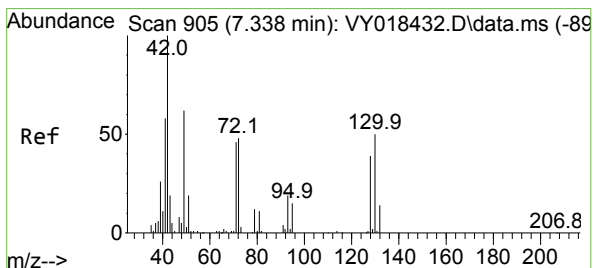
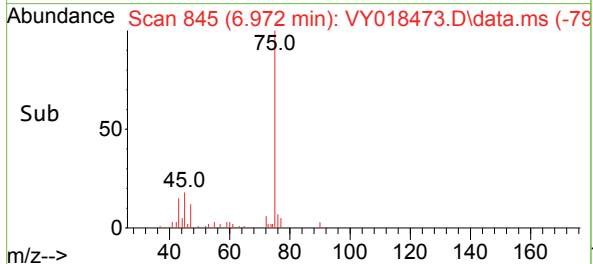
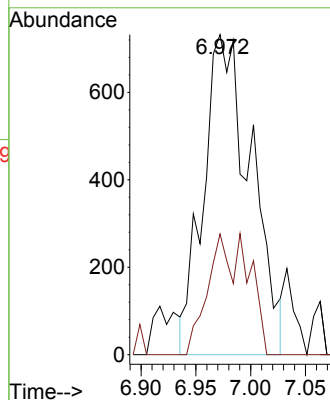


#25
2-Butanone
Concen: 7.542 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Instrument :
MSVOA_Y
ClientSampleId :

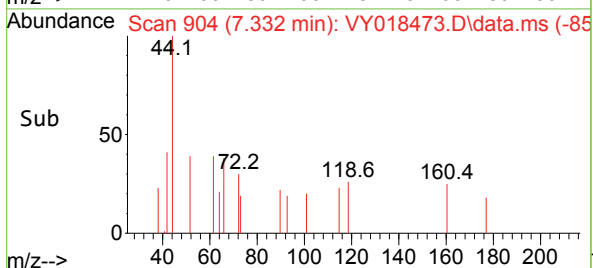
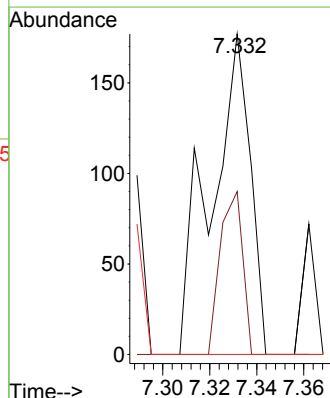
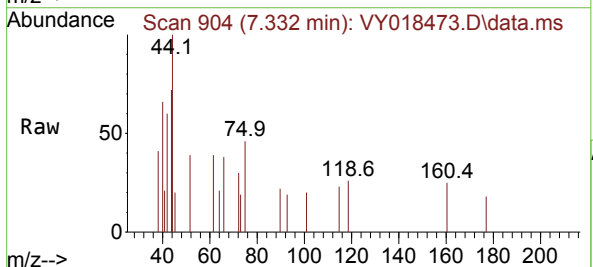


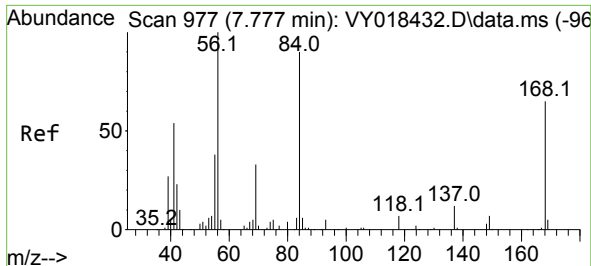
Tgt Ion: 43 Resp: 2211
Ion Ratio Lower Upper
43 100
72 42.7 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.082 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 42 Resp: 206
Ion Ratio Lower Upper
42 100
72 29.1 43.0 64.4#
71 0.0 40.8 61.2#

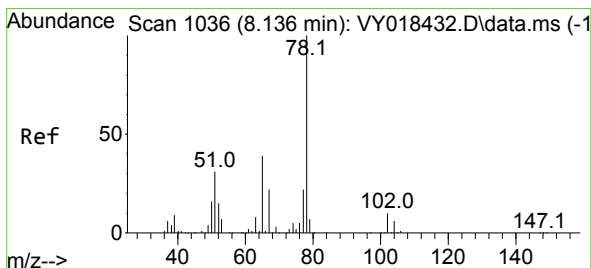
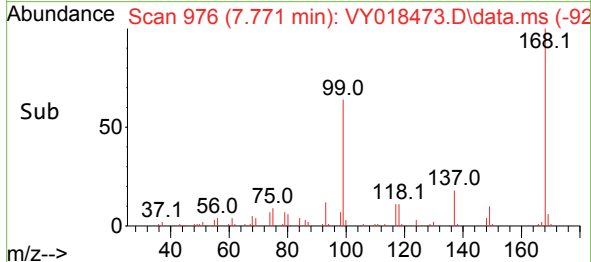
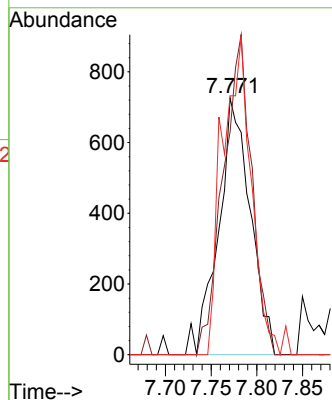
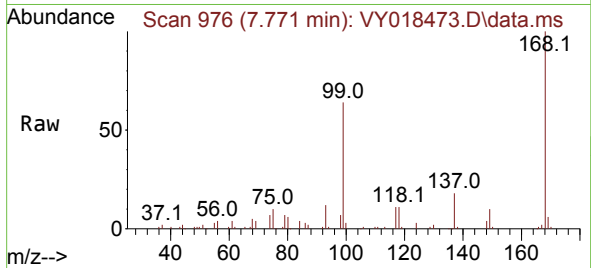




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

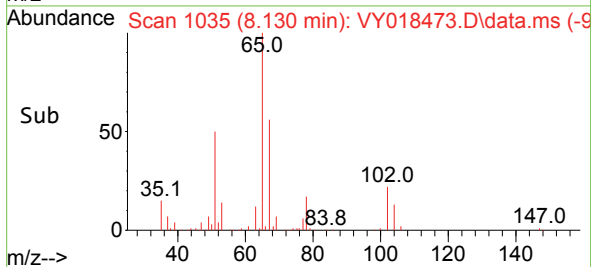
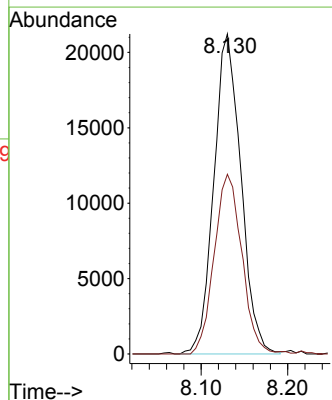
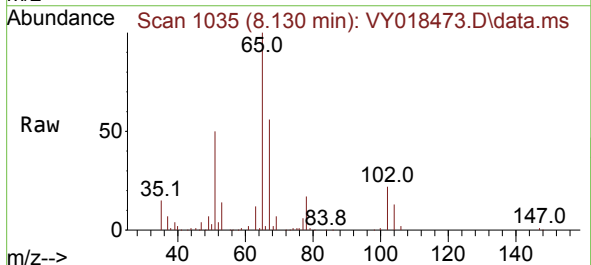
Instrument :
MSVOA_Y
ClientSampleId :

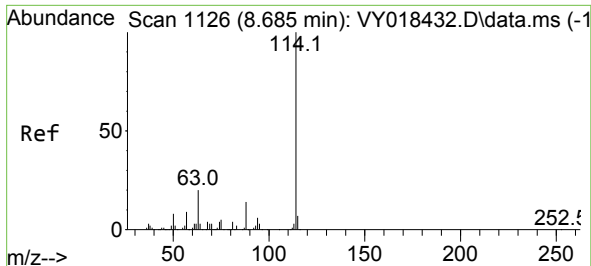
Tgt Ion: 56 Resp: 1758
Ion Ratio Lower Upper
56 100
69 87.0 28.7 43.1#
84 101.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 53.508 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 65 Resp: 46134
Ion Ratio Lower Upper
65 100
67 57.4 0.0 109.6

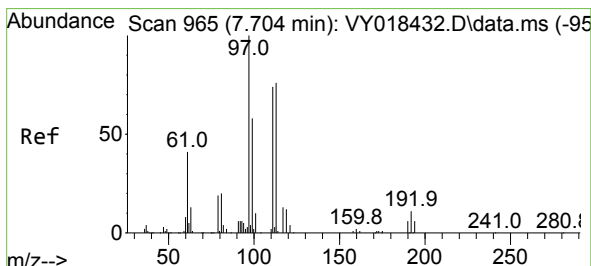
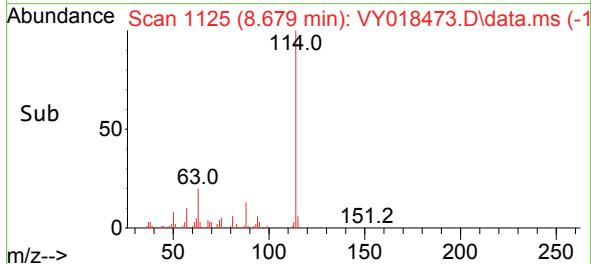
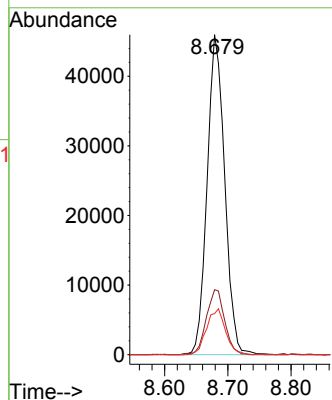
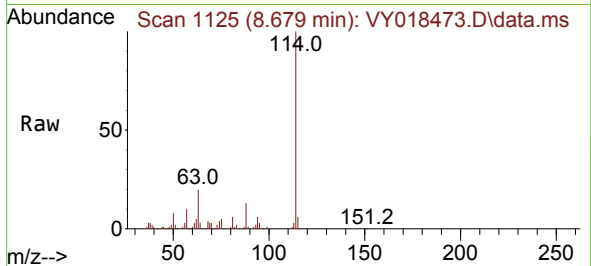




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

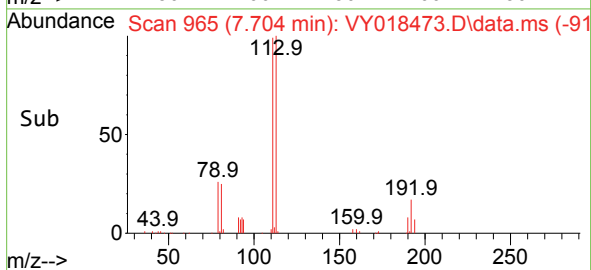
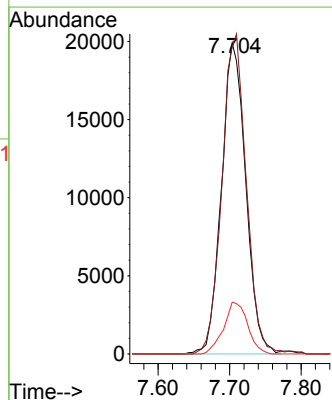
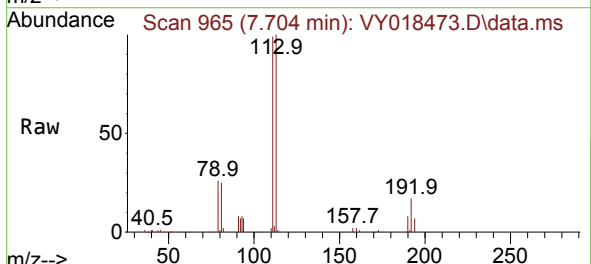
Instrument :
MSVOA_Y
ClientSampleId :

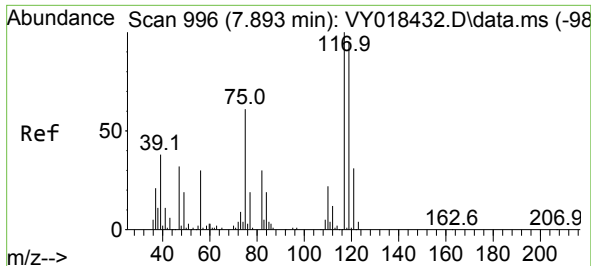
Tgt Ion:114	Resp:	88909
Ion Ratio	Lower	Upper
114	100	
63	20.3	0.0 35.0
88	12.8	0.0 27.2



#35
Dibromofluoromethane
Concen: 41.652 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

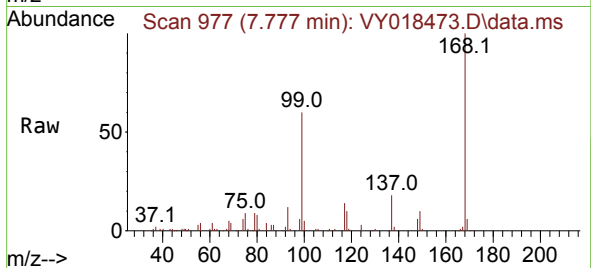
Tgt Ion:113	Resp:	46960
Ion Ratio	Lower	Upper
113	100	
111	102.8	82.2 123.4
192	16.5	15.9 23.9



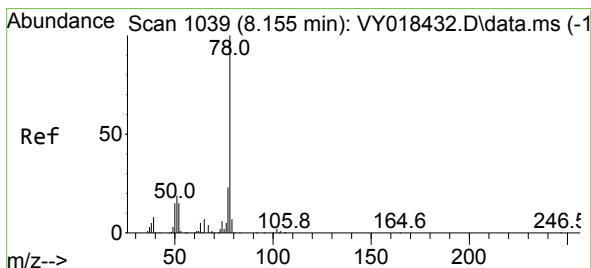
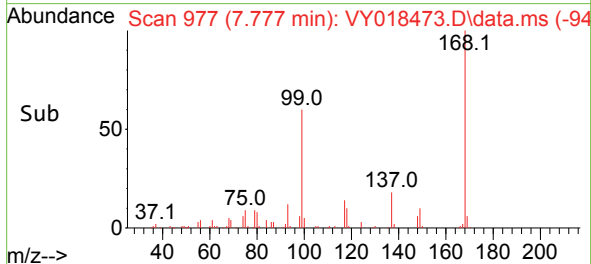
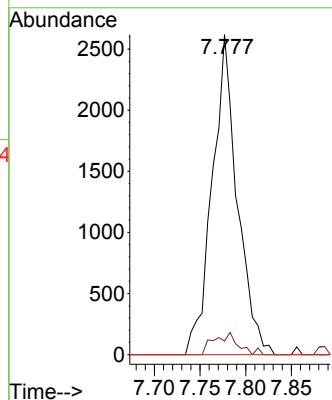


#38
Carbon Tetrachloride
Concen: 2.906 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Instrument :
MSVOA_Y
ClientSampleId :

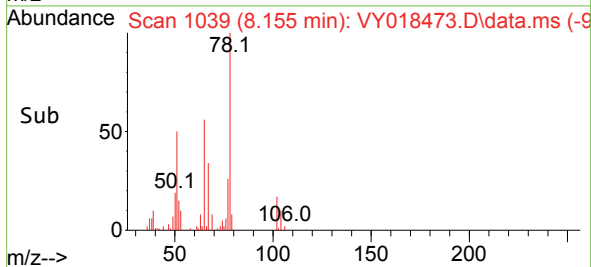
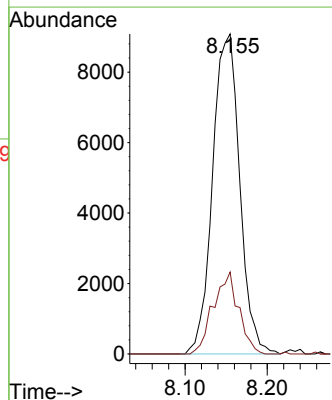
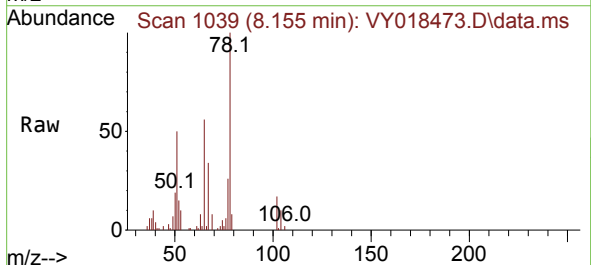


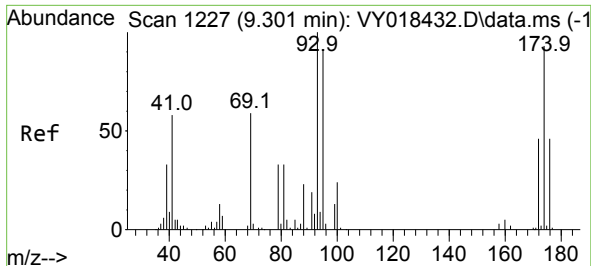
Tgt Ion:117 Resp: 5006
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.0 36.0#



#40
Benzene
Concen: 4.040 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 78 Resp: 20810
Ion Ratio Lower Upper
78 100
77 25.6 19.5 29.3





#49

1,4-Dioxane

Concen: 5.976 ug/l

RT: 9.191 min Scan# 1227

Delta R.T. -0.110 min

Lab File: VY018473.D

Acq: 04 Jun 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

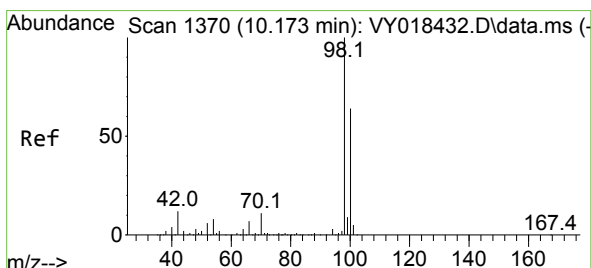
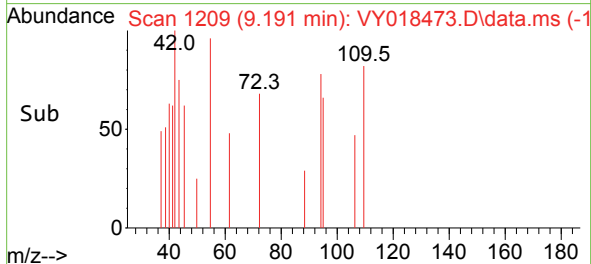
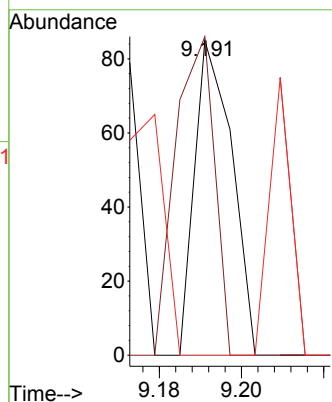
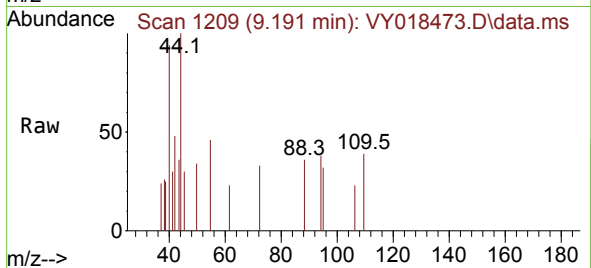
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 107.5 0.0 0.0#

58 50.9 49.3 73.9



#50

Toluene-d8

Concen: 40.137 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018473.D

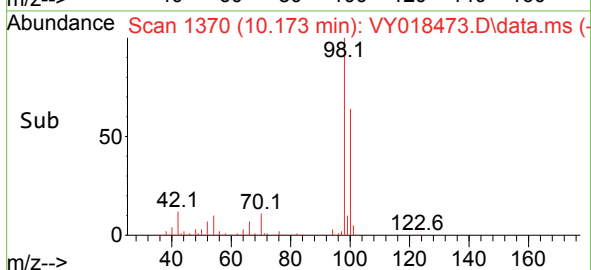
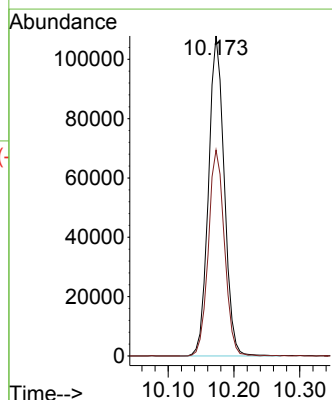
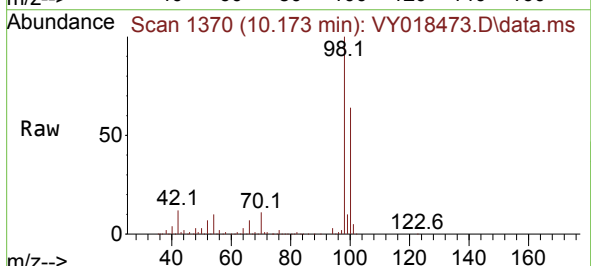
Acq: 04 Jun 2024 18:59

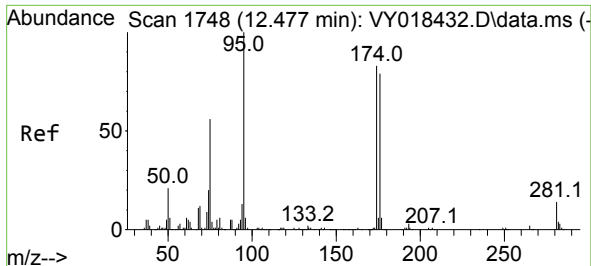
Tgt Ion: 98 Resp: 180023

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

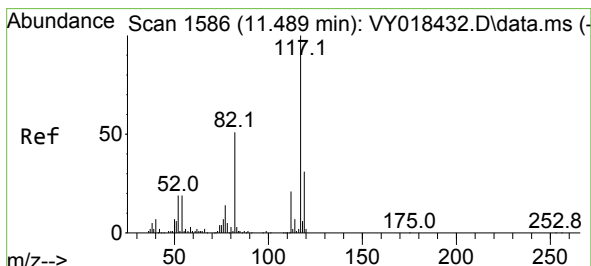
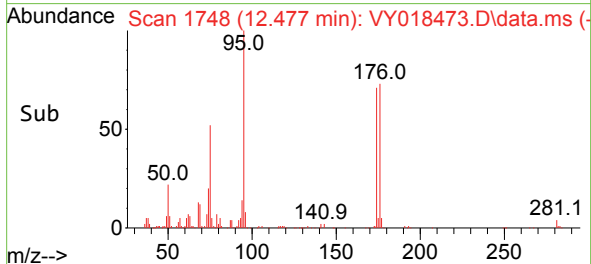
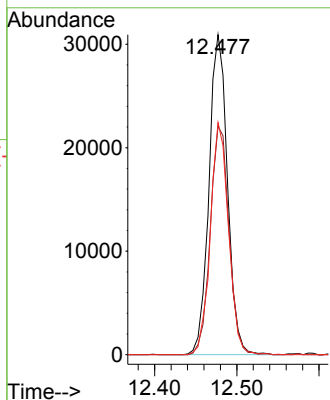
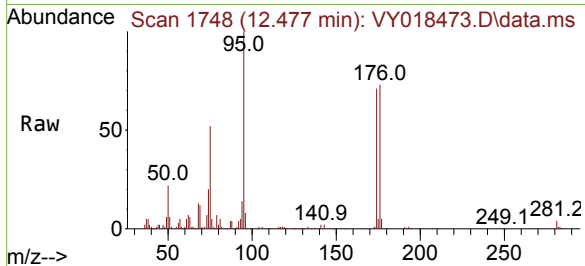




#62
4-Bromofluorobenzene
Concen: 34.479 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

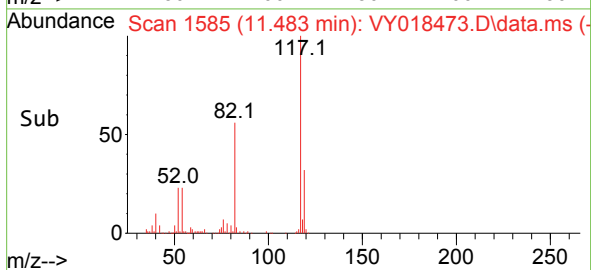
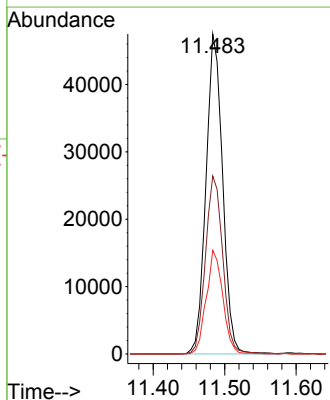
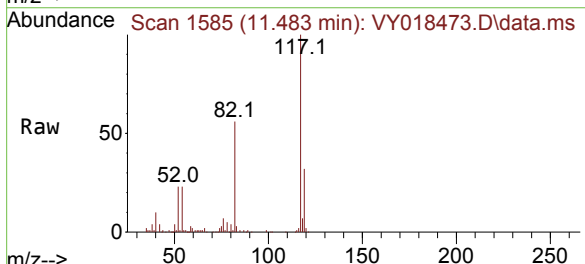
Instrument :
MSVOA_Y
ClientSampleId :

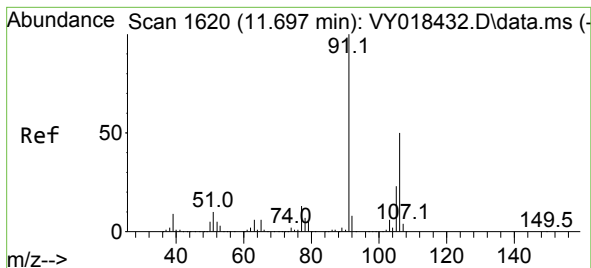
Tgt Ion: 95 Resp: 48150
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 71.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 117 Resp: 76859
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 32.4 25.9 38.9

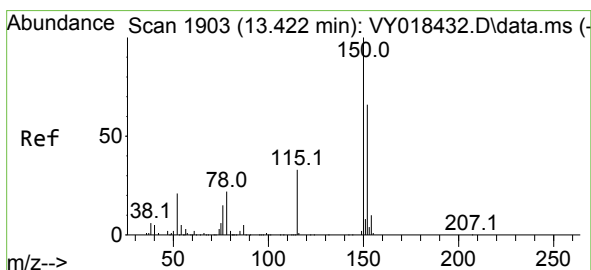
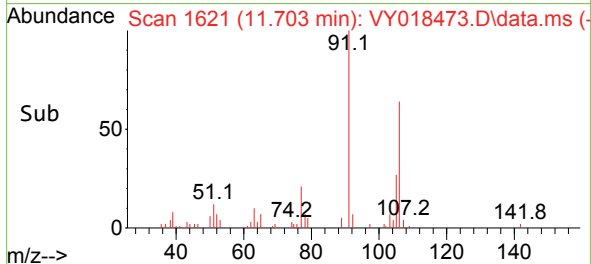
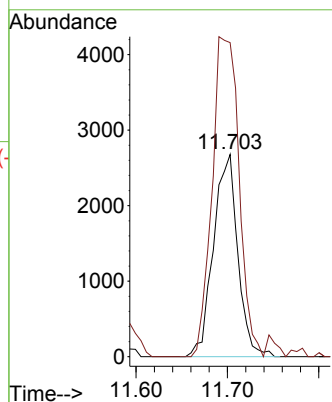
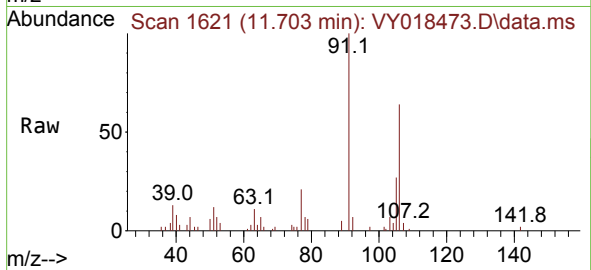




#68
m/p-Xylenes
Concen: 2.194 ug/l
RT: 11.703 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

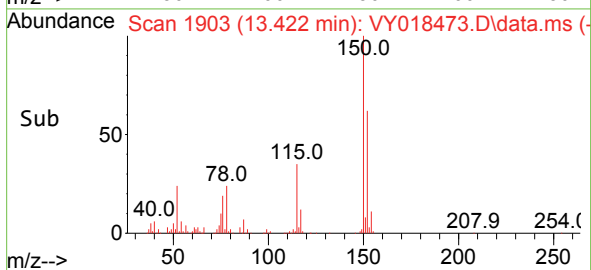
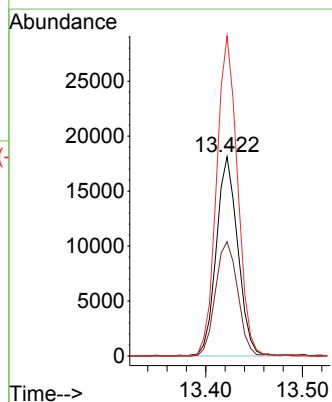
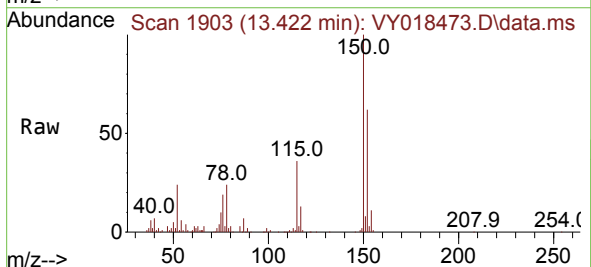
Instrument :
MSVOA_Y
ClientSampleId :

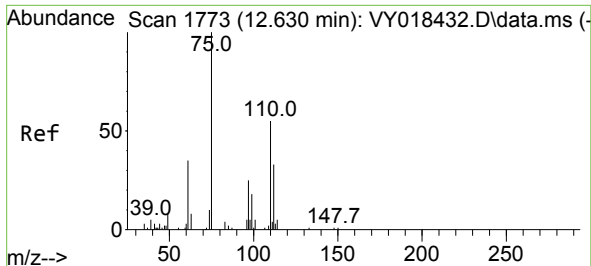
Tgt Ion:106 Resp: 4956
Ion Ratio Lower Upper
106 100
91 175.1 156.0 234.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion:152 Resp: 27989
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 156.5 0.0 345.6

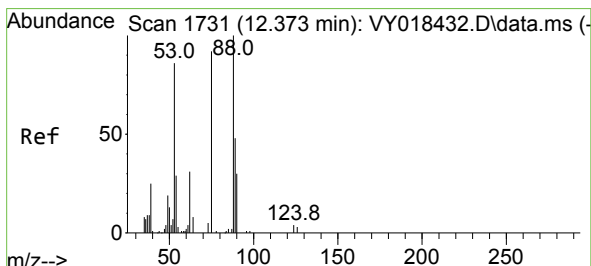
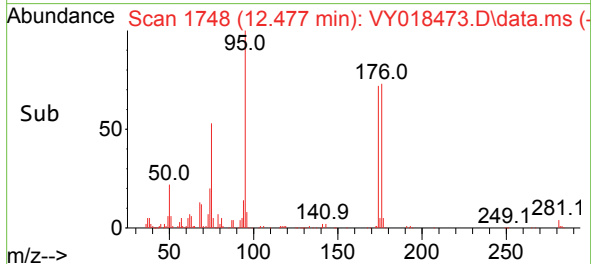
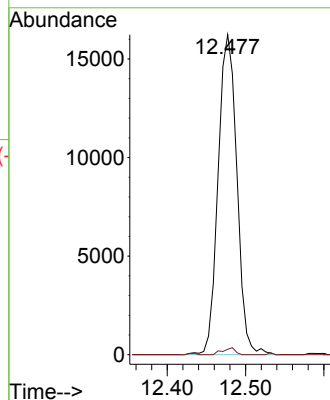
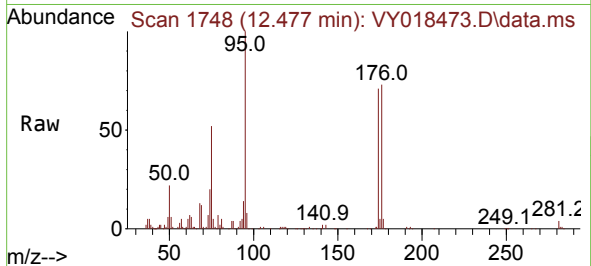




#76
1,2,3-Trichloropropane
Concen: 77.999 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

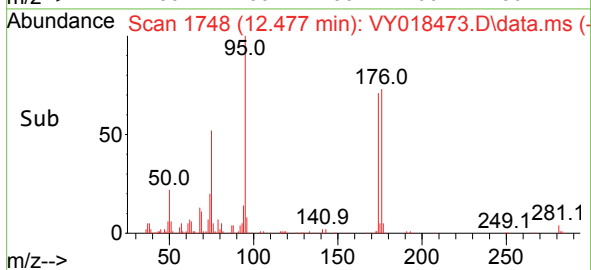
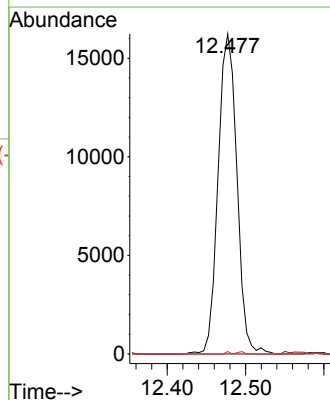
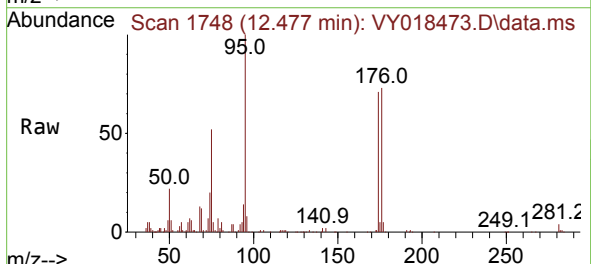
Instrument :
MSVOA_Y
ClientSampleId :

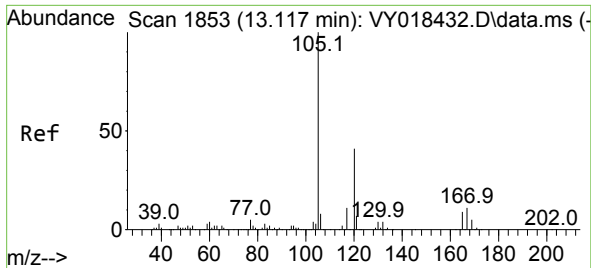
Tgt Ion: 75 Resp: 27071
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 163.872 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 75 Resp: 27071
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.737 ug/l
 RT: 13.111 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY018473.D
 Acq: 04 Jun 2024 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 3826
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.2 69.6

