

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018547.D
 Acq On : 10 Jun 2024 13:48
 Operator : SY/MD
 Sample : P2787-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 01:55:29 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)

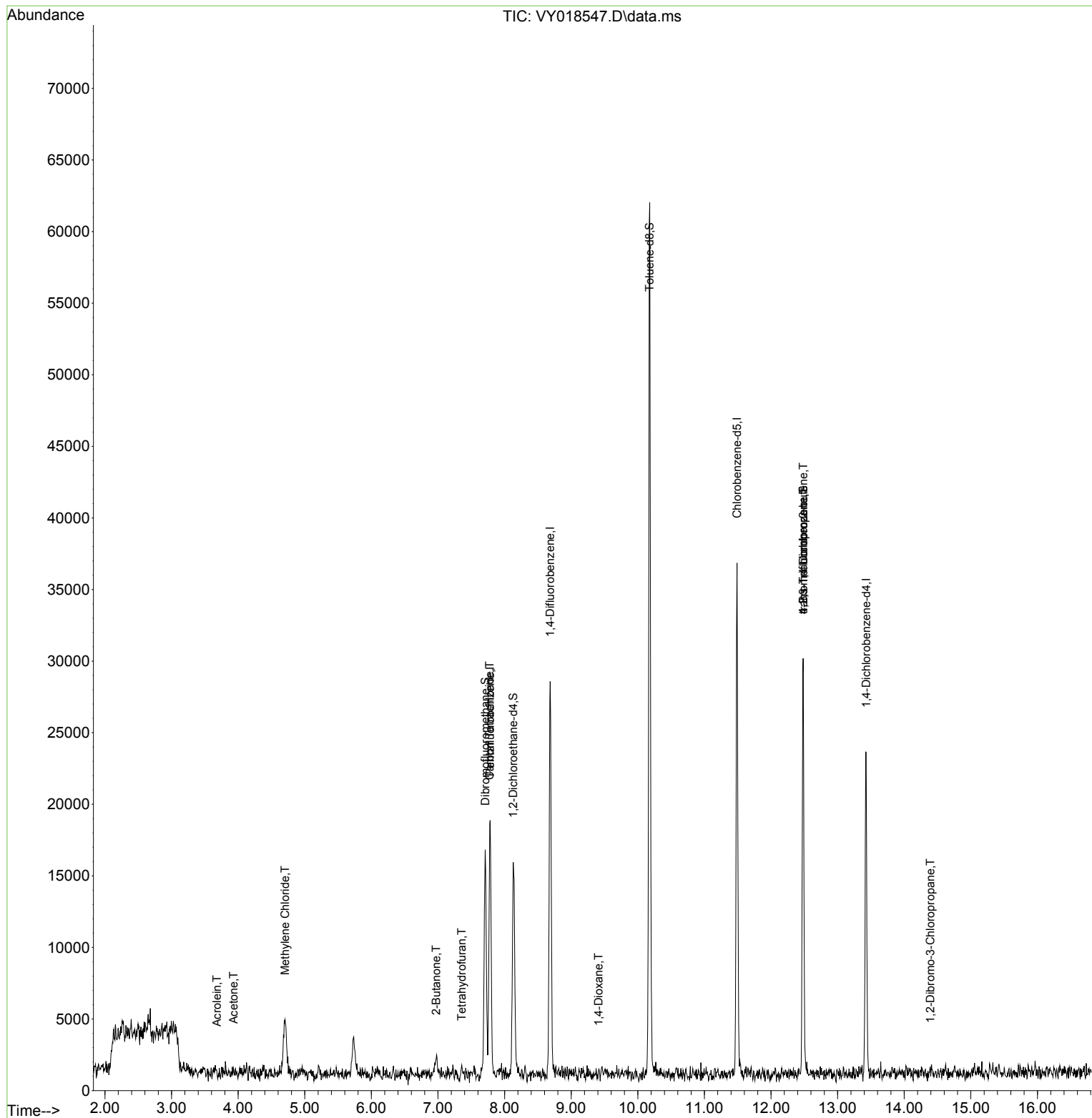
Internal Standards						
1) Pentafluorobenzene	7.783	168	12295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	23322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10944	45.325	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.660%		
35) Dibromofluoromethane	7.709	113	10817	36.576	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	73.160%		
50) Toluene-d8	10.179	98	39054	33.194	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	66.380%		
62) 4-Bromofluorobenzene	12.483	95	9059	24.730	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	49.460%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	116	Below Cal	#	88
13) Acrolein	3.680	56	83	3.358	ug/l #	15
16) Acetone	3.930	43	808	15.077	ug/l #	36
20) Methylene Chloride	4.704	84	2720	6.235	ug/l #	80
25) 2-Butanone	6.972	43	134	1.632	ug/l #	41
29) Tetrahydrofuran	7.356	42	143	2.682	ug/l #	26
38) Carbon Tetrachloride	7.777	117	1518	3.359	ug/l #	13
49) 1,4-Dioxane	9.410	88	61	26.221	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	5140	81.774	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5140	171.802	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.391	75	20	1.427	ug/l #	1

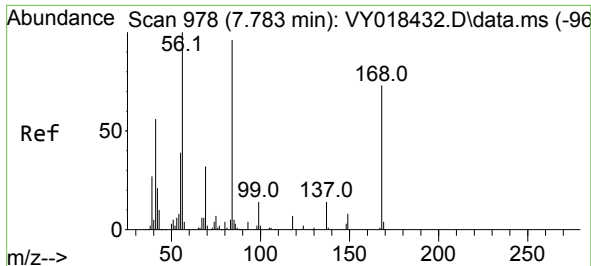
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

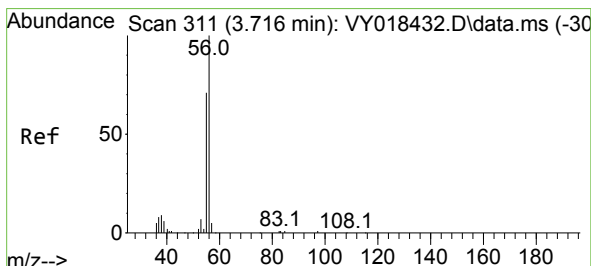
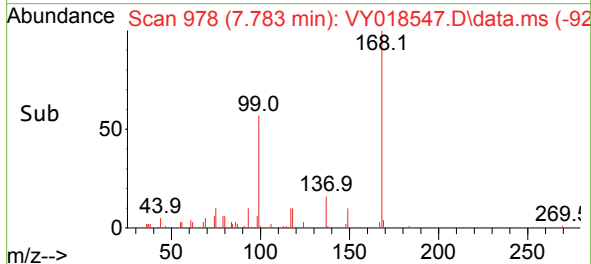
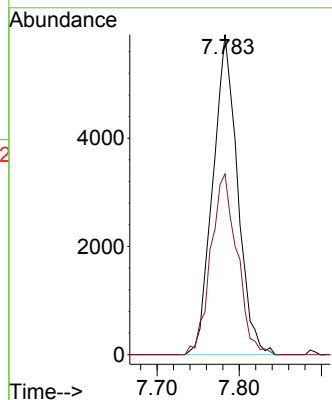
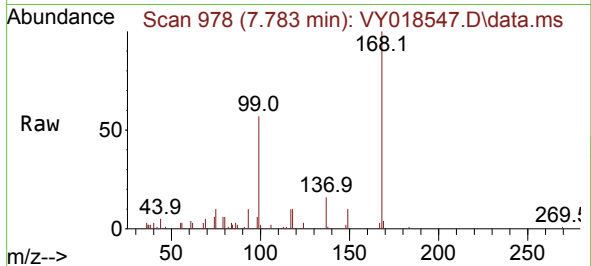




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

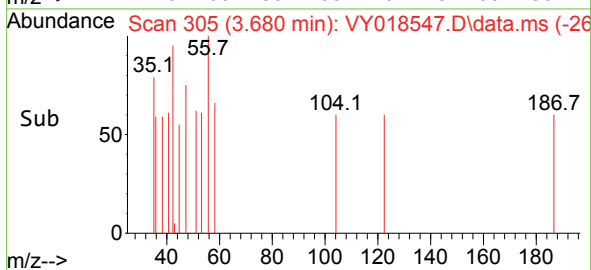
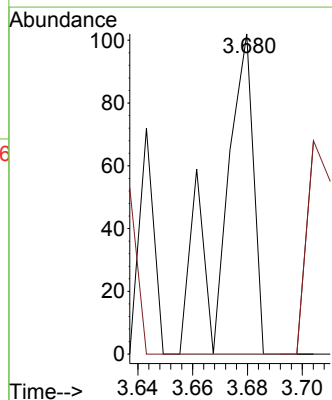
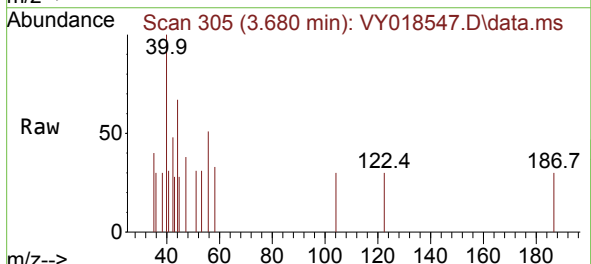
Instrument :
MSVOA_Y
ClientSampleId :

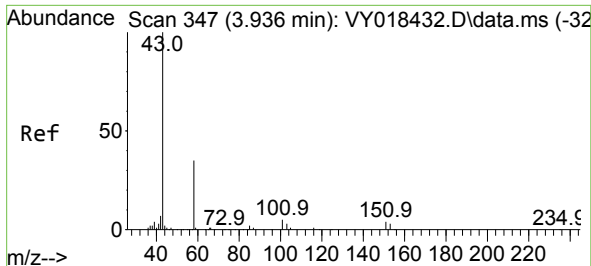
Tgt Ion:168 Resp: 12295
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#13
Acrolein
Concen: 3.358 ug/l
RT: 3.680 min Scan# 305
Delta R.T. -0.036 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

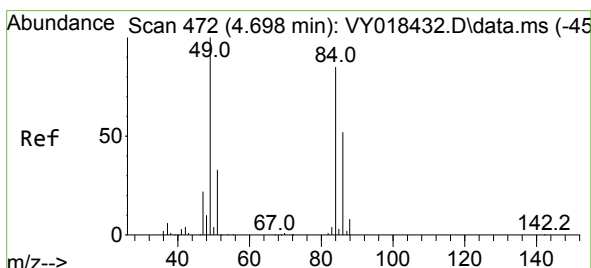
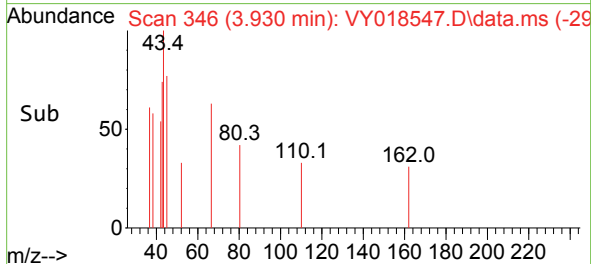
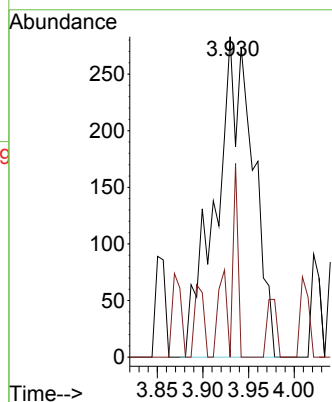
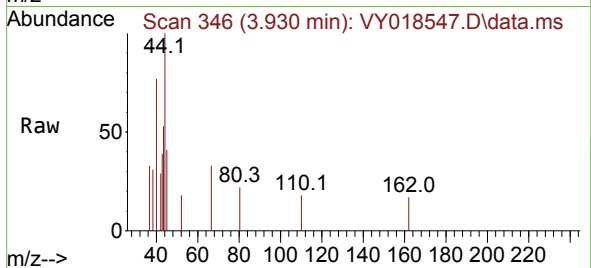




#16
Acetone
Concen: 15.077 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

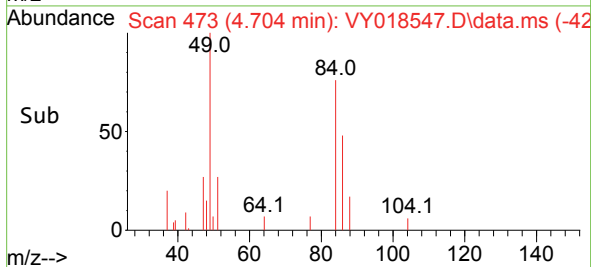
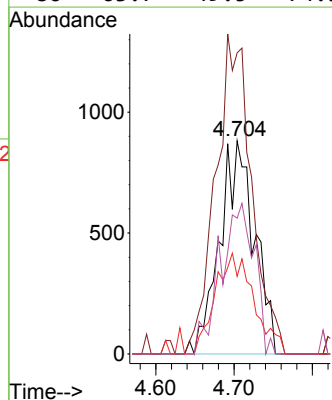
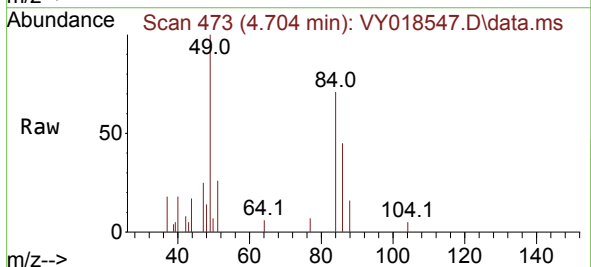
Instrument :
MSVOA_Y
ClientSampleId :

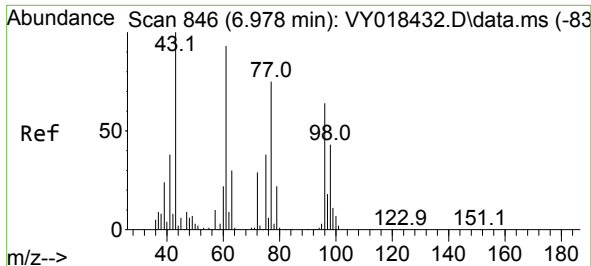
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 6.235 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion: 84 Resp: 2720
Ion Ratio Lower Upper
84 100
49 141.3 84.4 126.6#
51 28.3 26.0 39.0
86 63.7 49.5 74.3

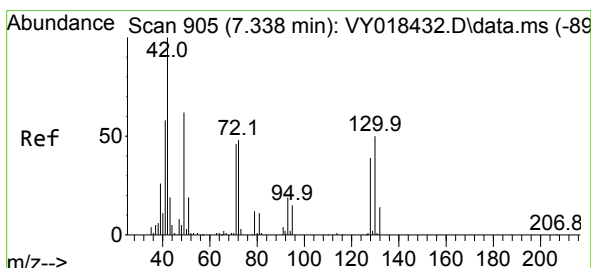
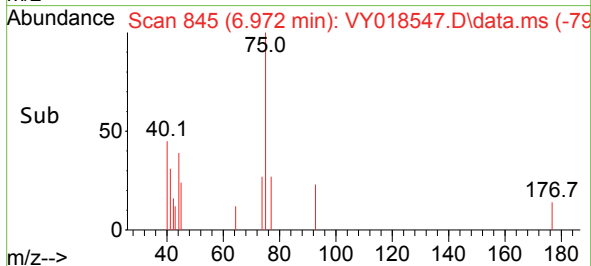
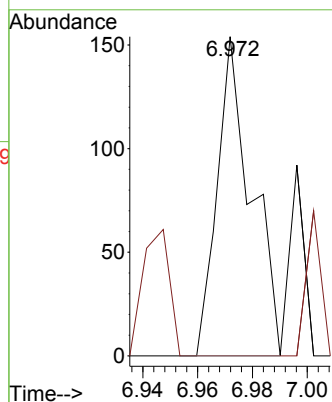
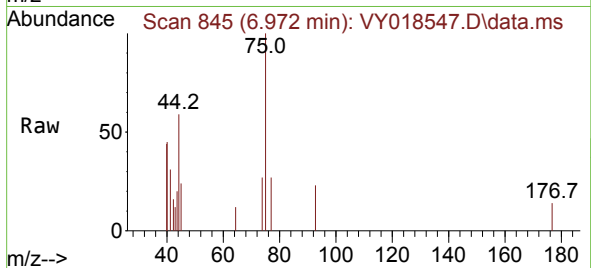




#25
2-Butanone
Concen: 1.632 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

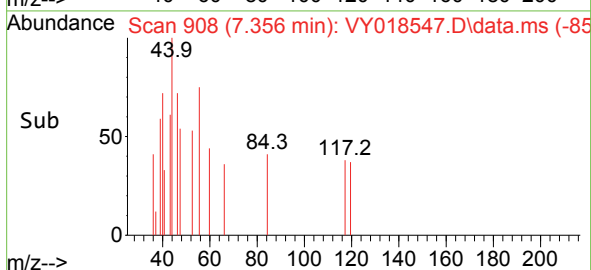
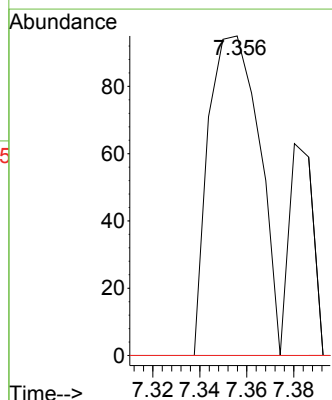
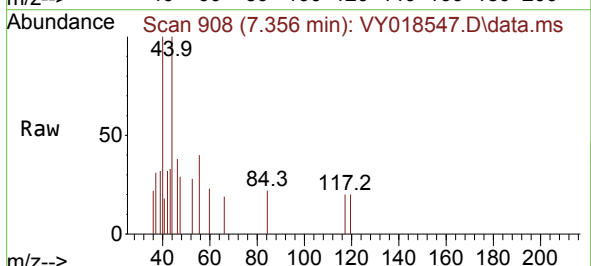
Instrument :
MSVOA_Y
ClientSampleId :

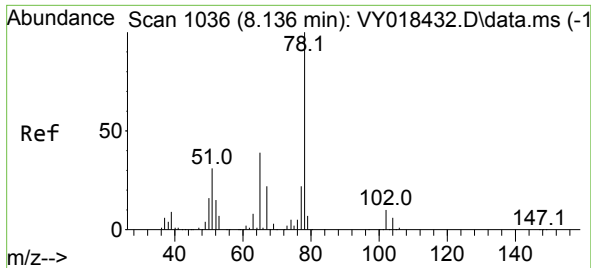
Tgt Ion: 43 Resp: 134
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#29
Tetrahydrofuran
Concen: 2.682 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.018 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion: 42 Resp: 143
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#

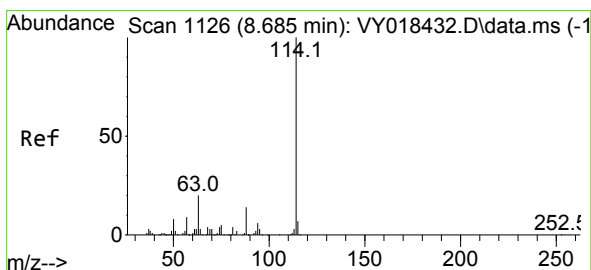
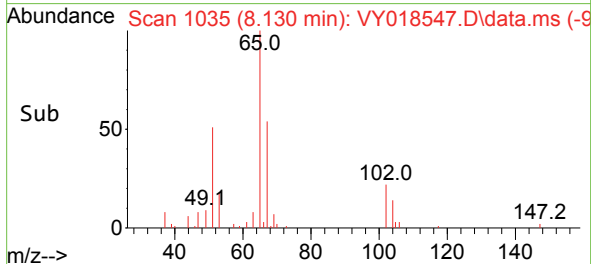
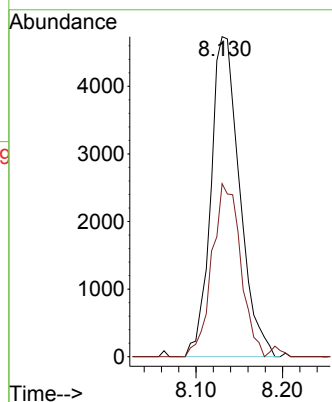
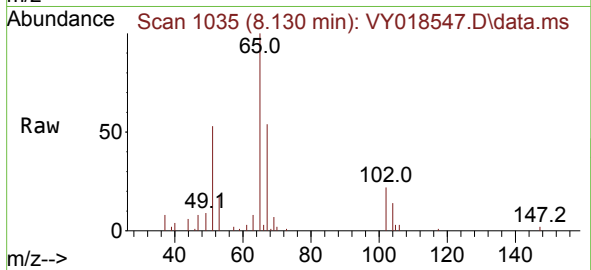




#33
 1,2-Dichloroethane-d4
 Concen: 45.325 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.006 min
 Lab File: VY018547.D
 Acq: 10 Jun 2024 13:48

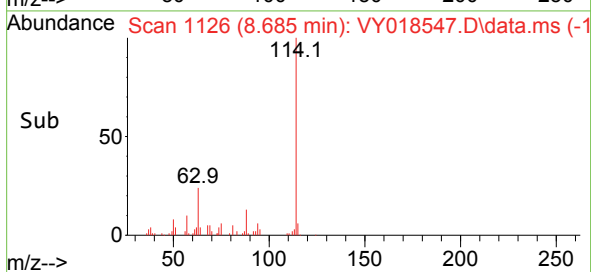
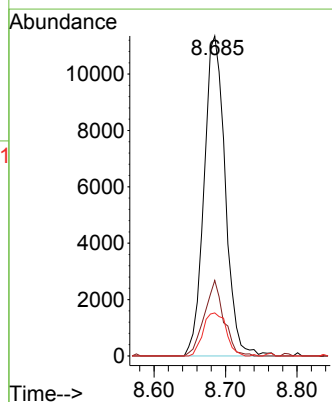
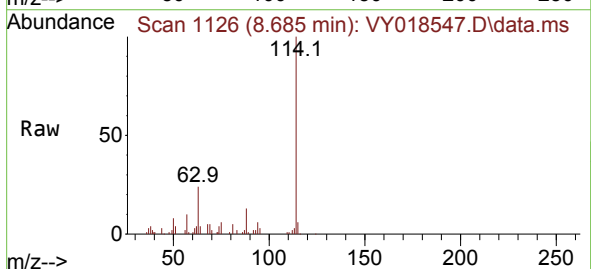
Instrument :
 MSVOA_Y
 ClientSampleId :

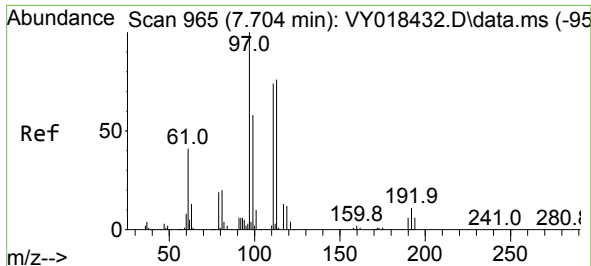
Tgt Ion: 65 Resp: 10944
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY018547.D
 Acq: 10 Jun 2024 13:48

Tgt Ion: 114 Resp: 23322
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 35.0
 88 13.5 0.0 27.2

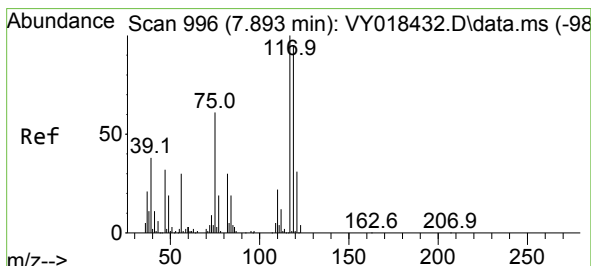
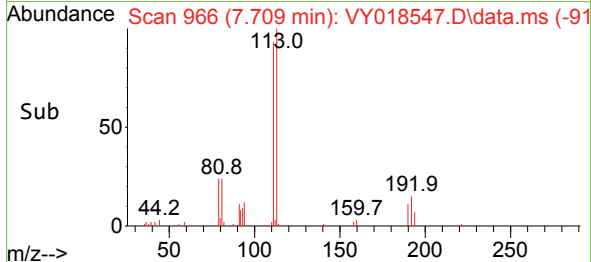
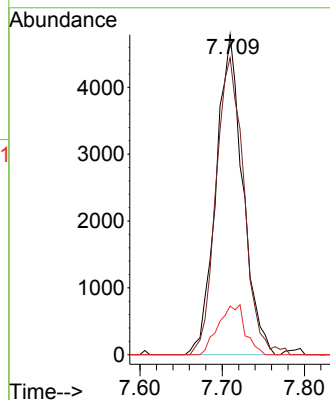
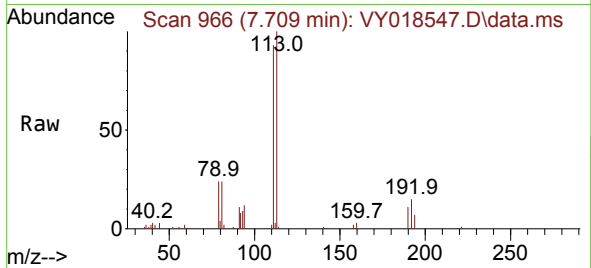




#35
Dibromofluoromethane
Concen: 36.576 ug/l
RT: 7.709 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

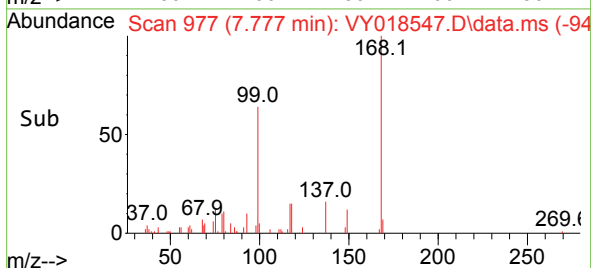
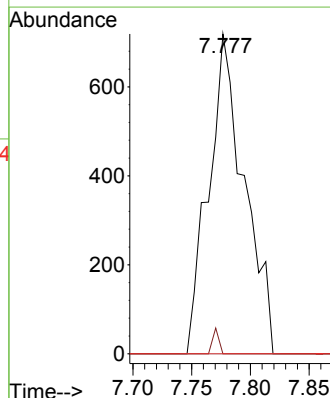
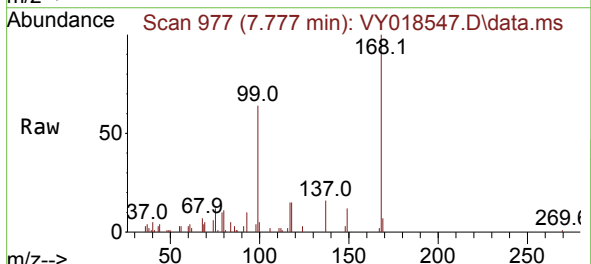
Instrument :
MSVOA_Y
ClientSampleId :

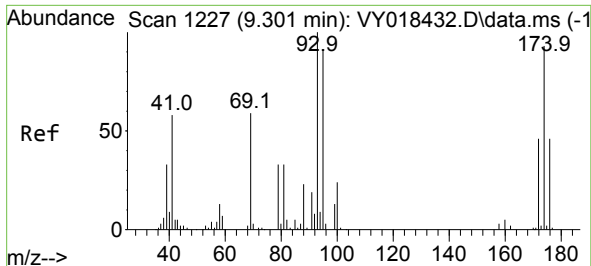
Tgt Ion:113 Resp: 10817
Ion Ratio Lower Upper
113 100
111 97.0 82.2 123.4
192 15.6 15.9 23.9#



#38
Carbon Tetrachloride
Concen: 3.359 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

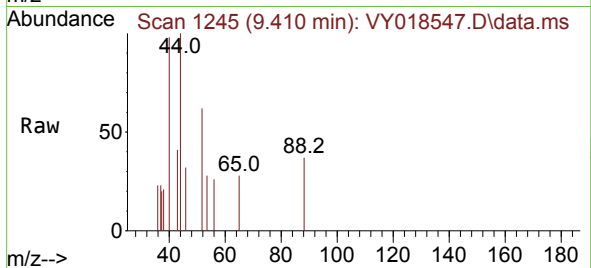
Tgt Ion:117 Resp: 1518
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



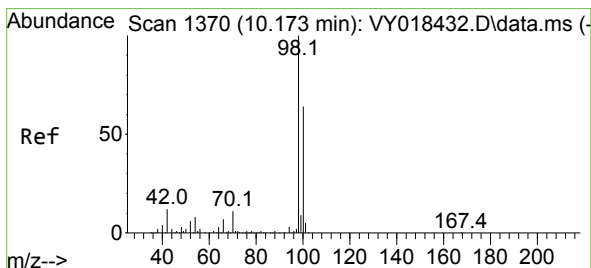
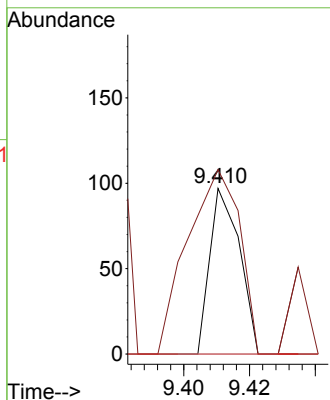
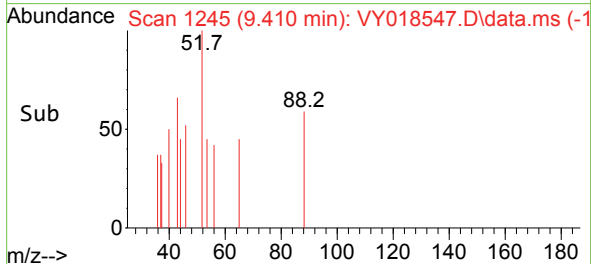


#49
1,4-Dioxane
Concen: 26.221 ug/l
RT: 9.410 min Scan# 1245
Delta R.T. 0.110 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Instrument :
MSVOA_Y
ClientSampleId :

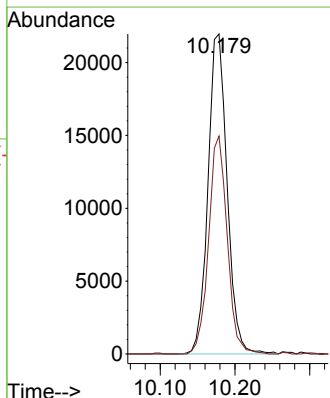
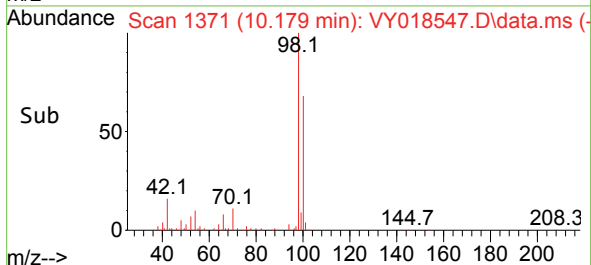
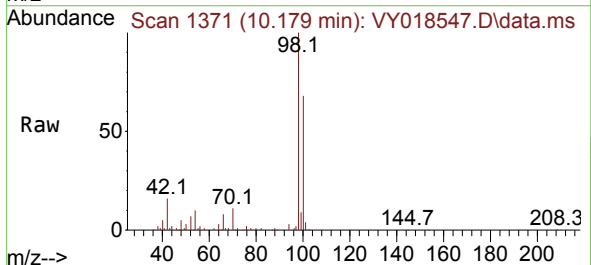


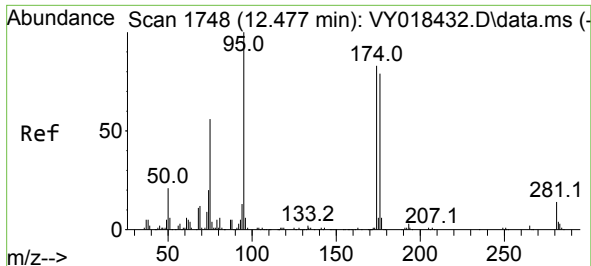
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 196.7 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 33.194 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion: 98 Resp: 39054
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

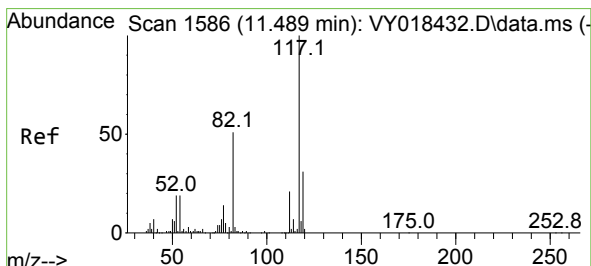
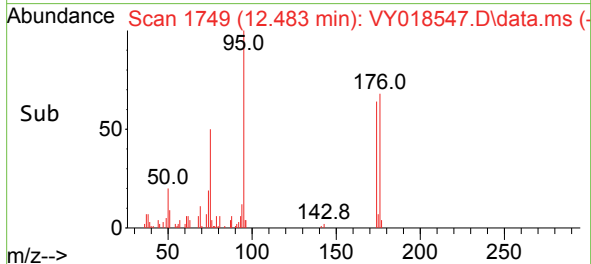
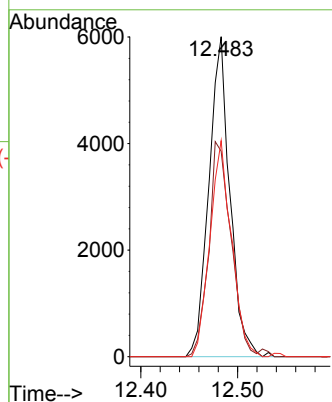
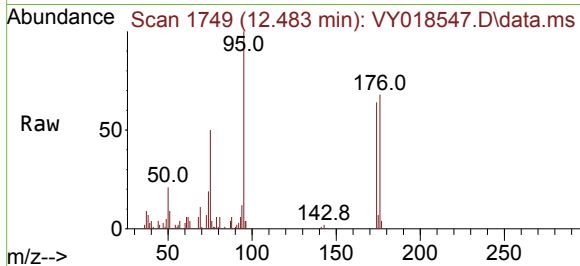




#62
4-Bromofluorobenzene
Concen: 24.730 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

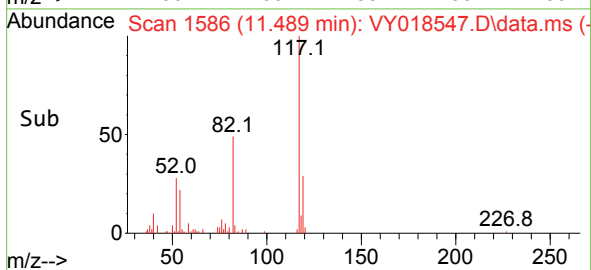
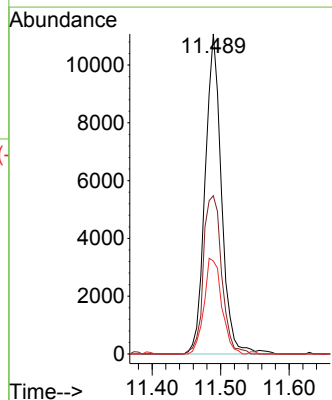
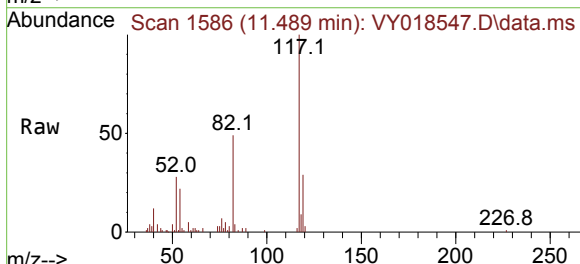
Instrument :
MSVOA_Y
ClientSampleId :

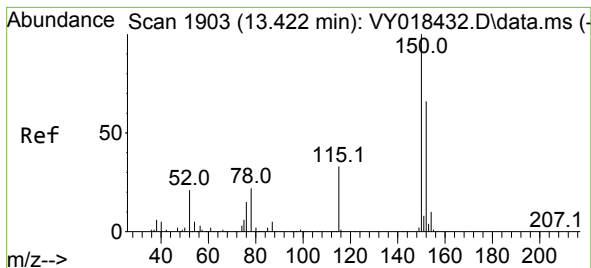
Tgt Ion: 95 Resp: 9059
Ion Ratio Lower Upper
95 100
174 71.2 0.0 175.6
176 69.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion: 117 Resp: 18403
Ion Ratio Lower Upper
117 100
82 49.4 42.4 63.6
119 29.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018547.D

Acq: 10 Jun 2024 13:48

Instrument :

MSVOA_Y

ClientSampleId :

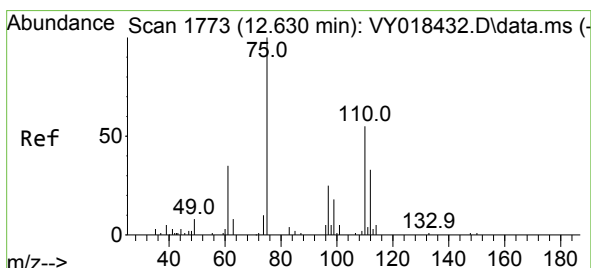
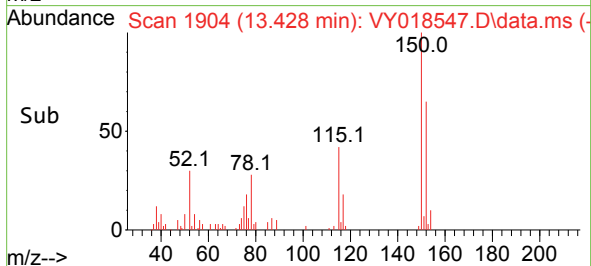
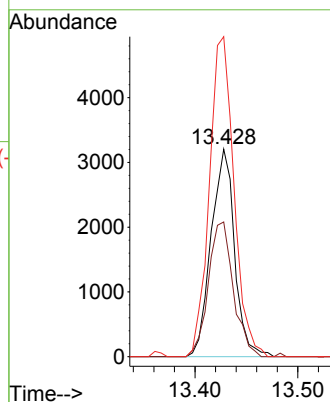
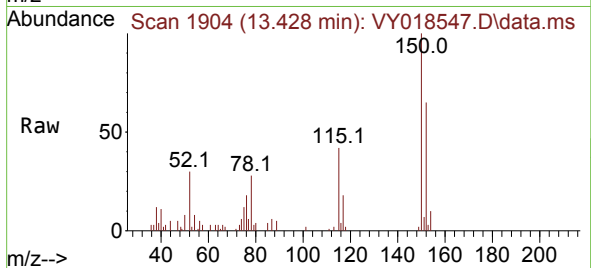
Tgt Ion:152 Resp: 5069

Ion Ratio Lower Upper

152 100

115 69.0 28.2 84.7

150 161.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 81.774 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY018547.D

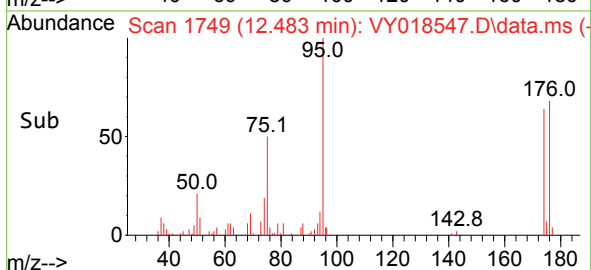
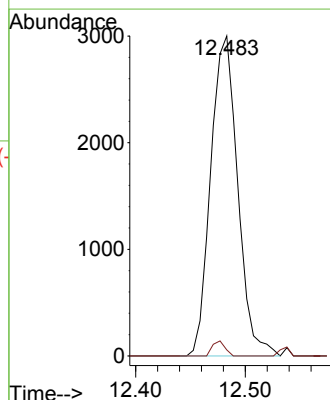
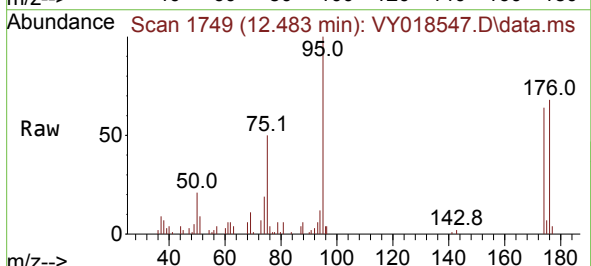
Acq: 10 Jun 2024 13:48

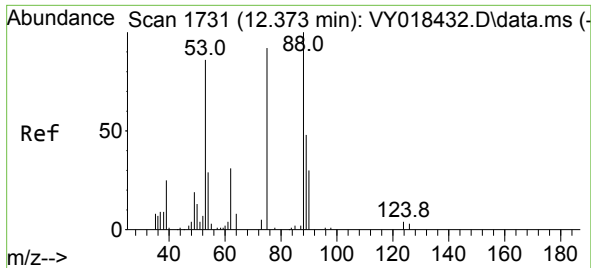
Tgt Ion: 75 Resp: 5140

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#

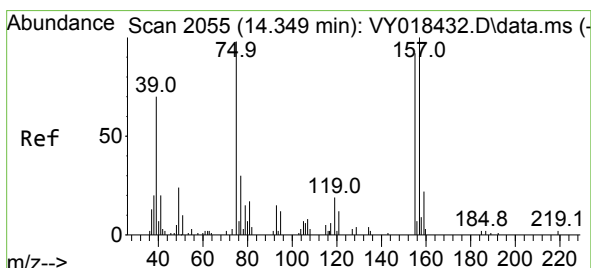
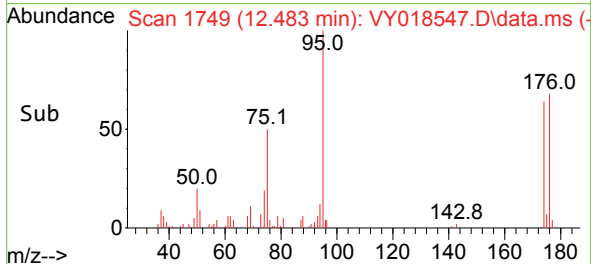
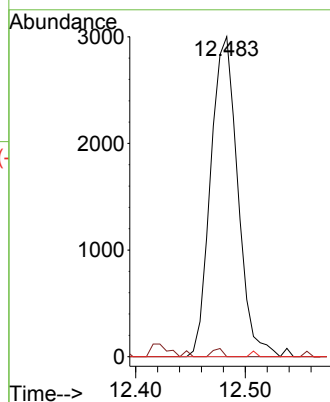
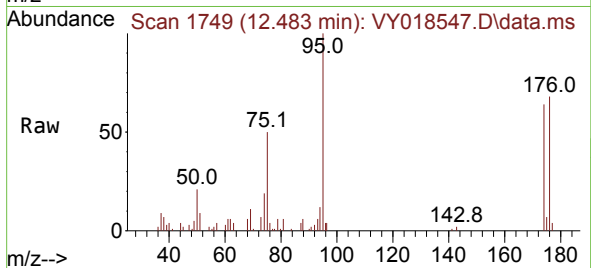




#81
trans-1,4-Dichloro-2-butene
Concen: 171.802 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 5140
Ion Ratio Lower Upper
75 100
53 1.0 66.8 100.2#
89 0.0 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.427 ug/l
RT: 14.391 min Scan# 2062
Delta R.T. 0.043 min
Lab File: VY018547.D
Acq: 10 Jun 2024 13:48

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

