

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018353.D
 Acq On : 23 May 2024 10:47
 Operator : SY/MD
 Sample : VY0523SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 24 01:12:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

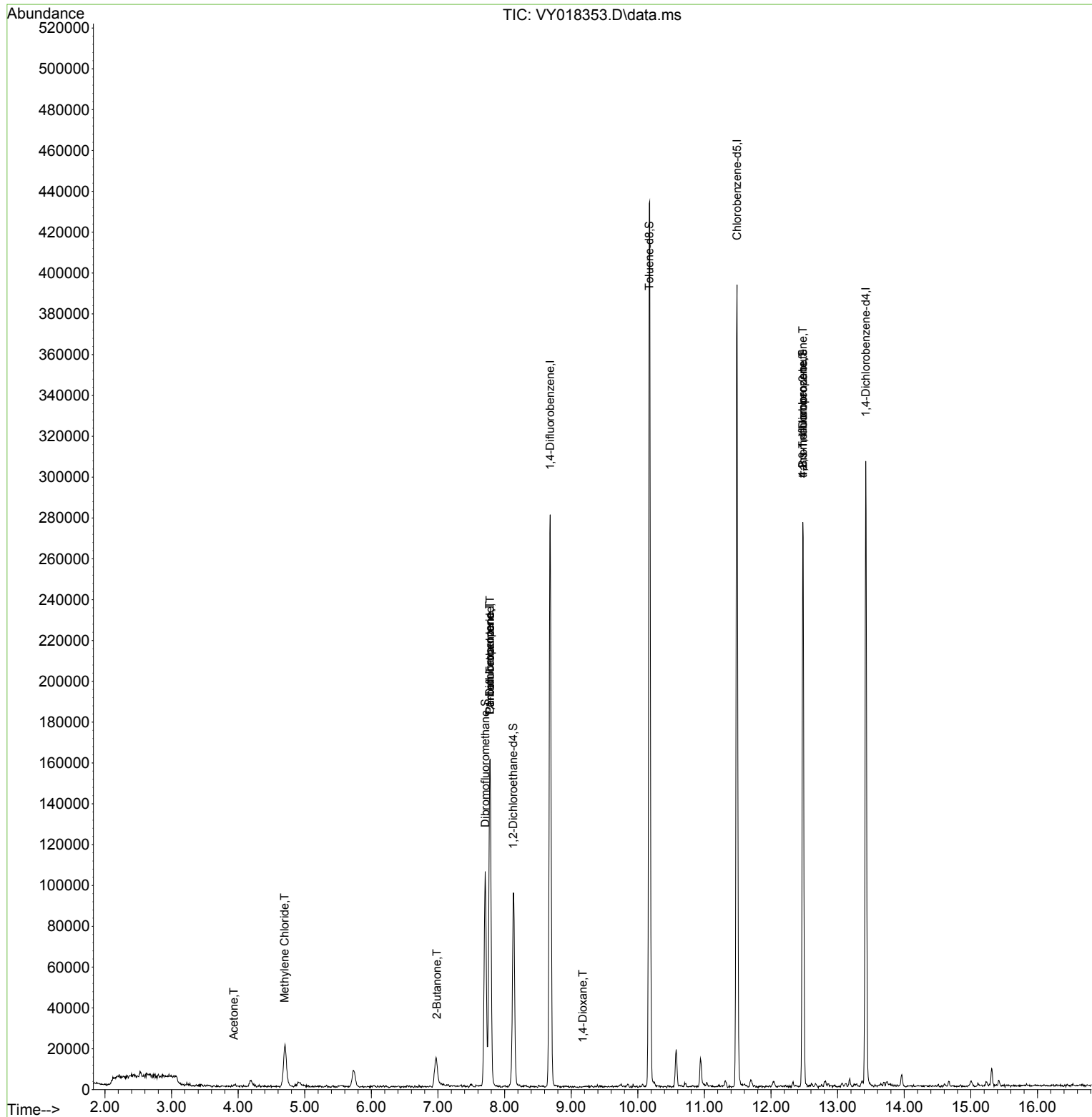
Internal Standards						
1) Pentafluorobenzene	7.783	168	122034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68182	58.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.940%	
35) Dibromofluoromethane	7.710	113	74491	52.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.900%	
50) Toluene-d8	10.173	98	284375	51.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.477	95	84019	49.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2381	Below Cal	#	93
13) Acrolein	3.692	56	95	Below Cal	#	77
16) Acetone	3.936	43	1364	5.736	ug/l #	70
20) Methylene Chloride	4.698	84	15202	6.933	ug/l #	87
25) 2-Butanone	6.984	43	1085	2.879	ug/l #	65
31) Cyclohexane	7.789	56	3124	Below Cal	#	49
36) 1,1-Dichloropropene	7.777	75	10890	5.287	ug/l #	48
38) Carbon Tetrachloride	7.783	117	13052	6.187	ug/l #	16
49) 1,4-Dioxane	9.173	88	20	1.860	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	44440	65.335	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44440	134.427	ug/l #	16

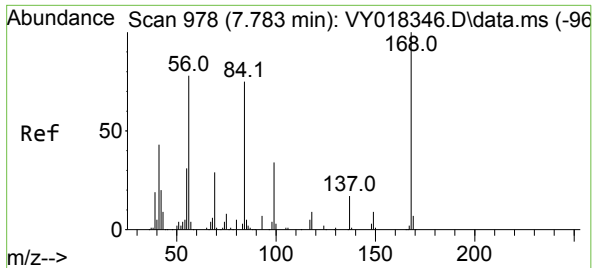
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 01:12:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

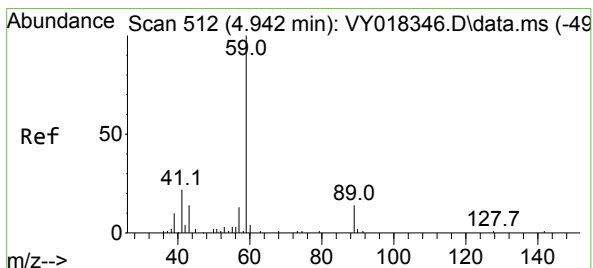
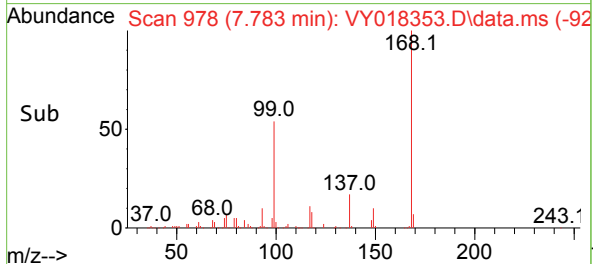
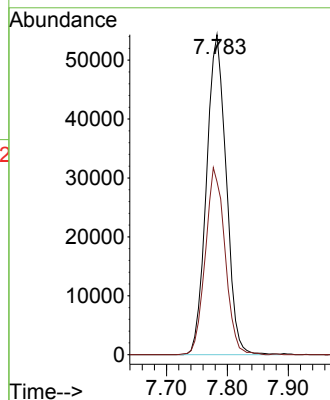
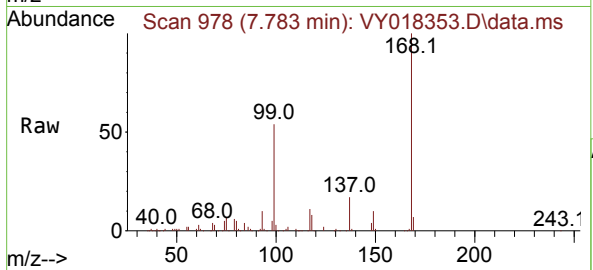




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

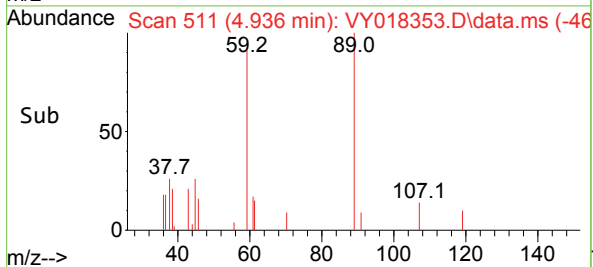
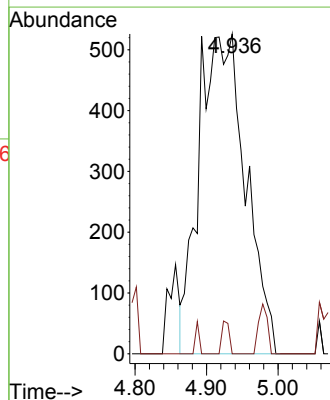
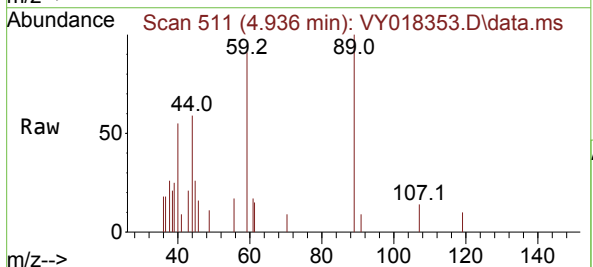
Instrument :
MSVOA_Y
ClientSampleId :

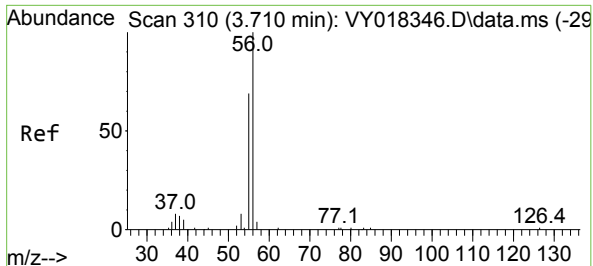
Tgt Ion:168 Resp: 122034
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Tgt Ion: 59 Resp: 2381
Ion Ratio Lower Upper
59 100
57 1.6 3.0 4.6#

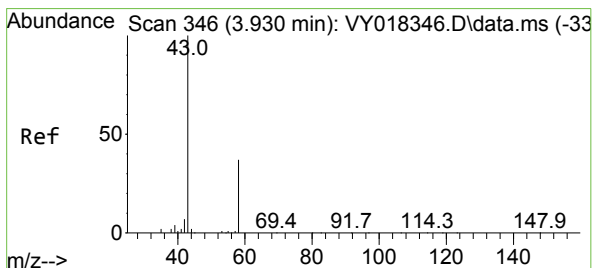
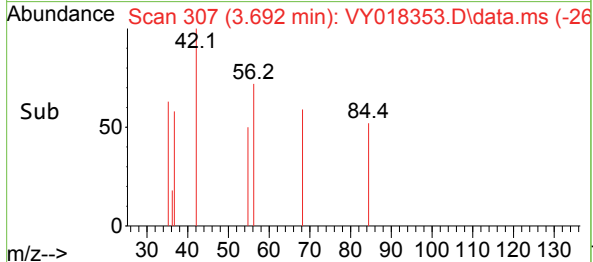
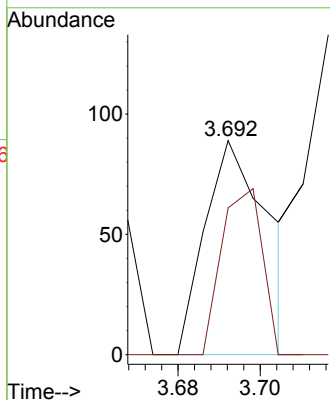
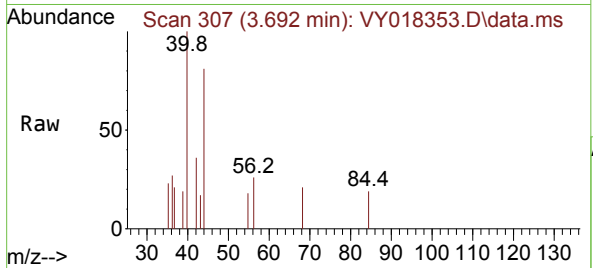




#13
Acrolein
Concen: Below Cal
RT: 3.692 min Scan# 307
Delta R.T. -0.018 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

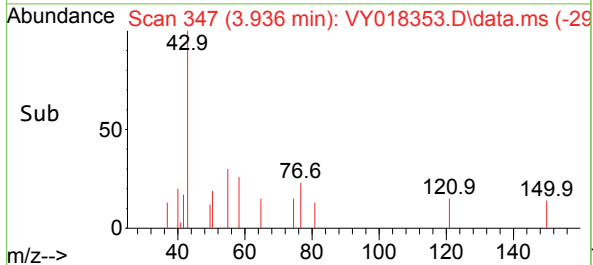
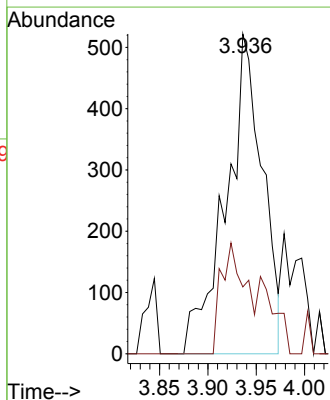
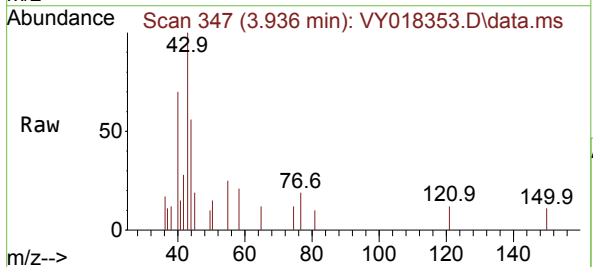
Instrument :
MSVOA_Y
ClientSampleId :

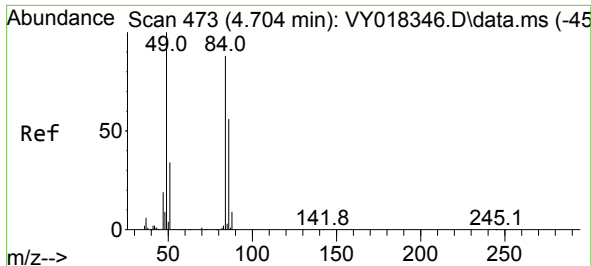
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 50.5 55.7 83.5#



#16
Acetone
Concen: 5.736 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

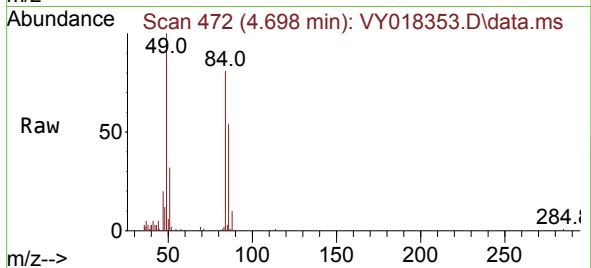
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 20.9 31.7 47.5#



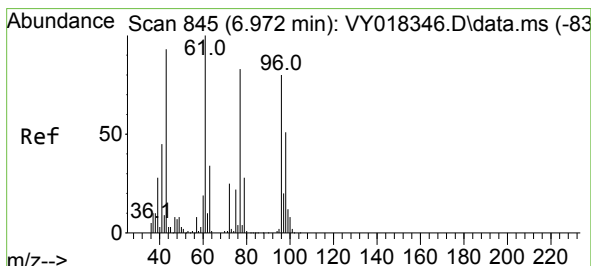
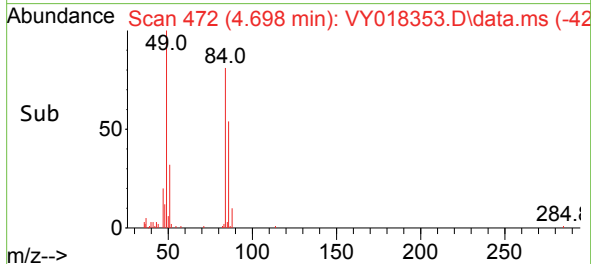
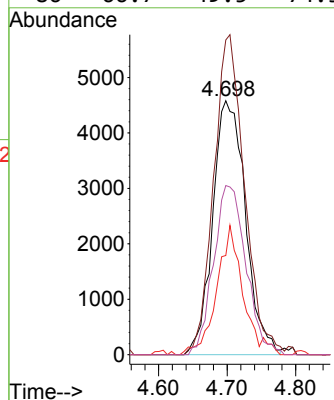


#20
Methylene Chloride
Concen: 6.933 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Instrument :
MSVOA_Y
ClientSampleId :

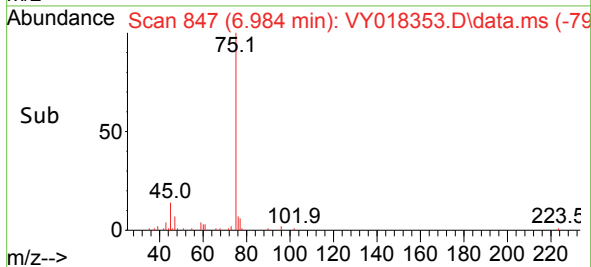
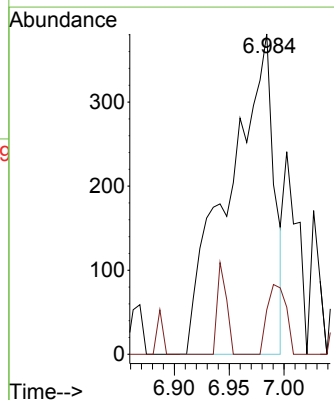
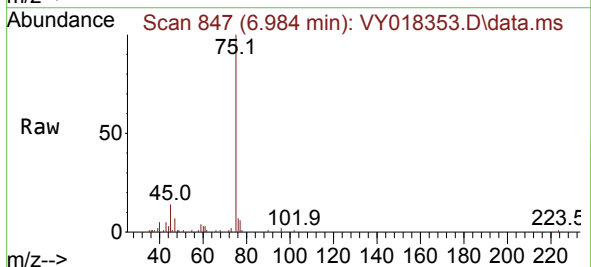


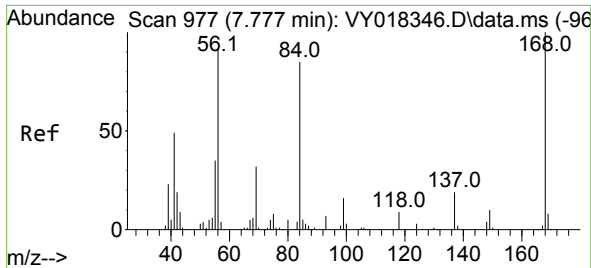
Tgt Ion:	84	Resp:	15202
Ion	Ratio	Lower	Upper
84	100		
49	124.0	84.4	126.6
51	39.1	26.0	39.0#
86	66.7	49.5	74.3



#25
2-Butanone
Concen: 2.879 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Tgt Ion:	43	Resp:	1085
Ion	Ratio	Lower	Upper
43	100		
72	13.9	27.3	40.9#

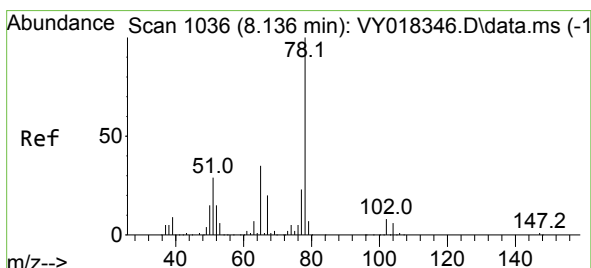
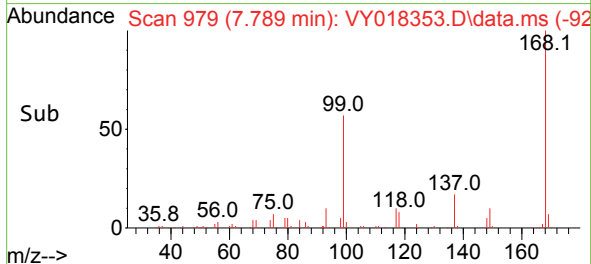
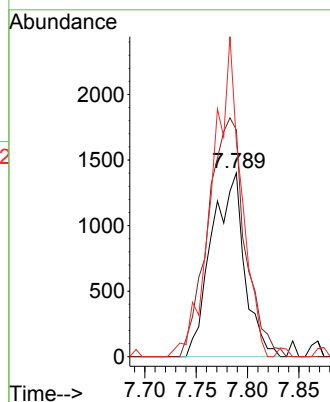
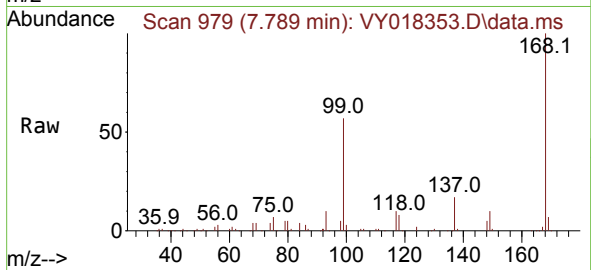




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

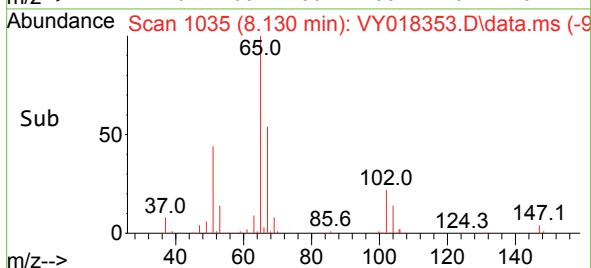
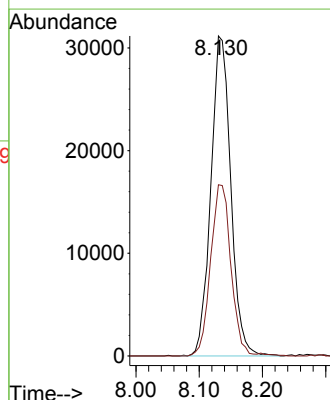
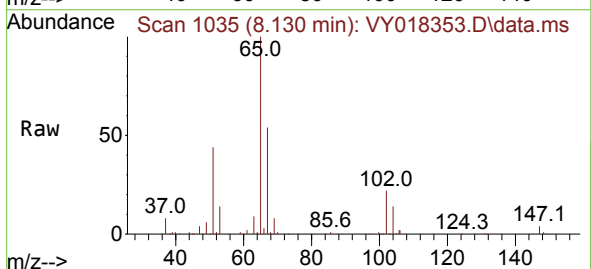
Instrument :
MSVOA_Y
ClientSampleId :

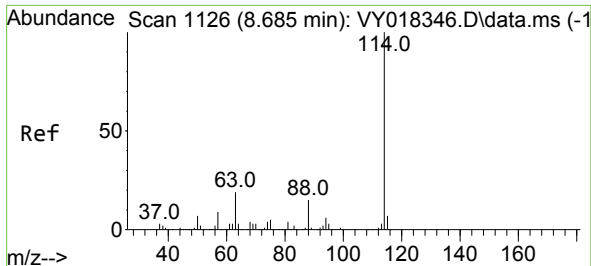
Tgt Ion: 56 Resp: 3124
Ion Ratio Lower Upper
56 100
69 123.6 28.7 43.1#
84 112.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 58.972 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Tgt Ion: 65 Resp: 68182
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

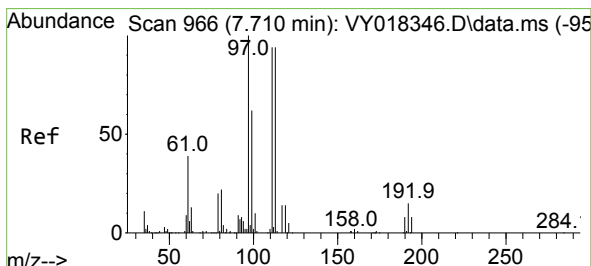
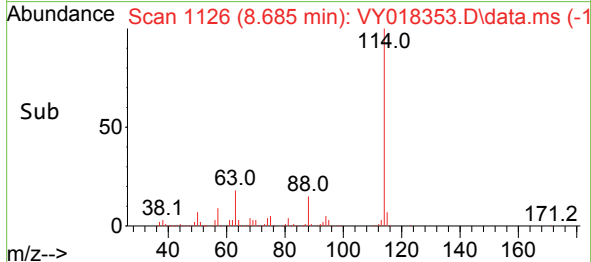
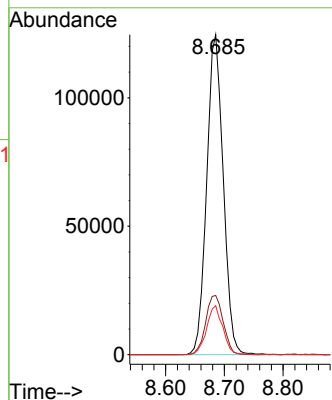
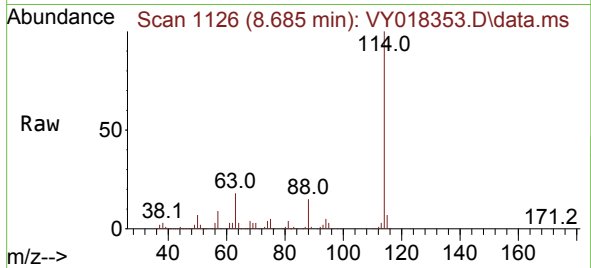




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

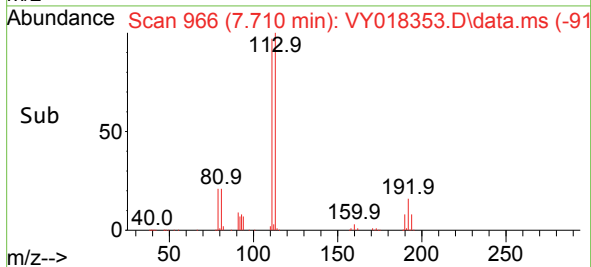
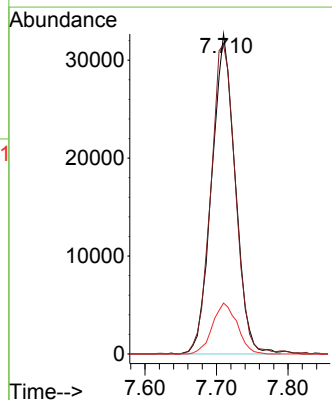
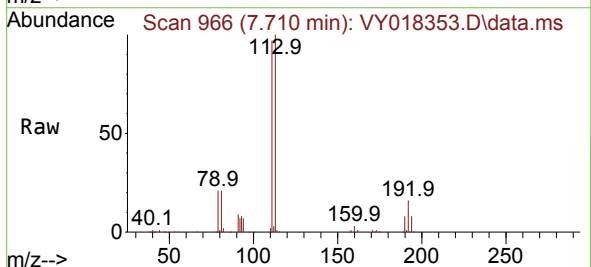
Instrument :
MSVOA_Y
ClientSampleId :

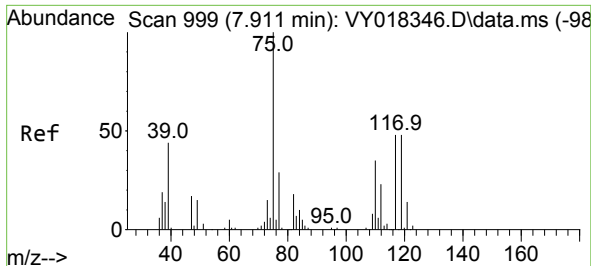
Tgt Ion:114 Resp: 243544
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.450 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

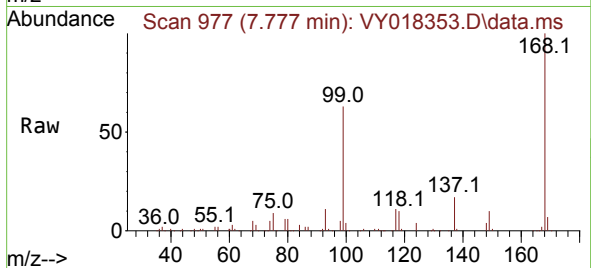
Tgt Ion:113 Resp: 74491
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 16.8 15.9 23.9



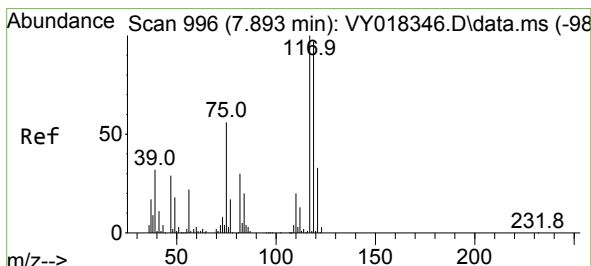
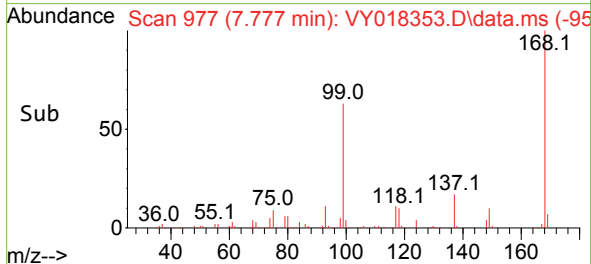
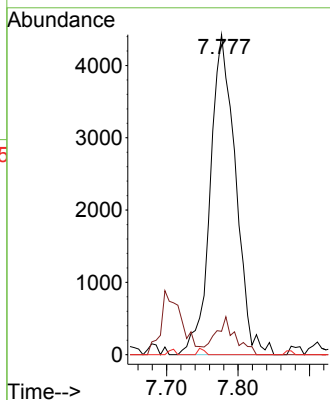


#36
1,1-Dichloropropene
Concen: 5.287 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Instrument :
MSVOA_Y
ClientSampleId :

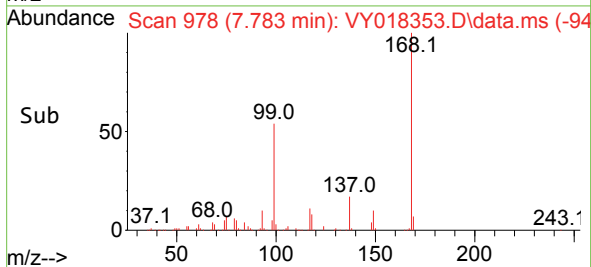
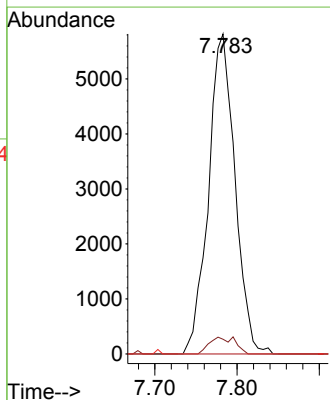
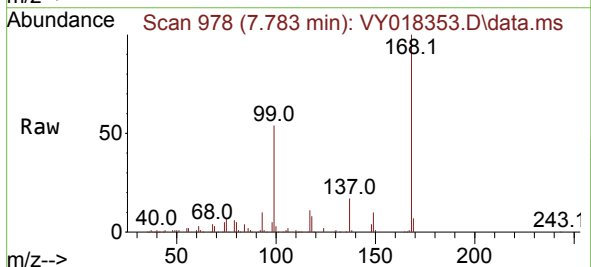


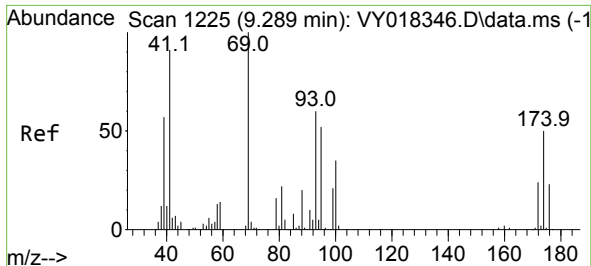
Tgt Ion: 75 Resp: 10890
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Tgt Ion: 117 Resp: 13052
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.860 ug/l

RT: 9.173 min Scan# 1206

Delta R.T. -0.116 min

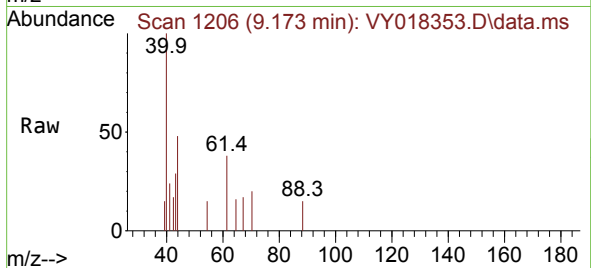
Lab File: VY018353.D

Acq: 23 May 2024 10:47

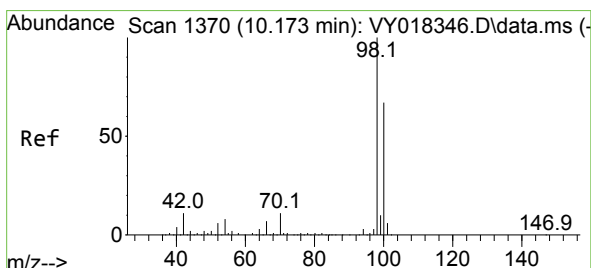
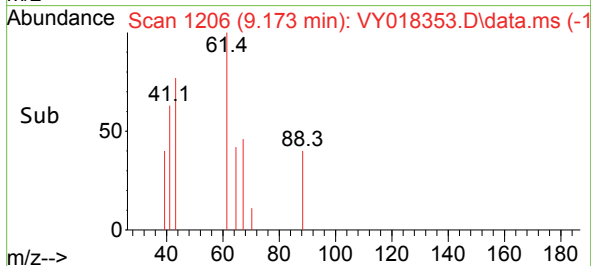
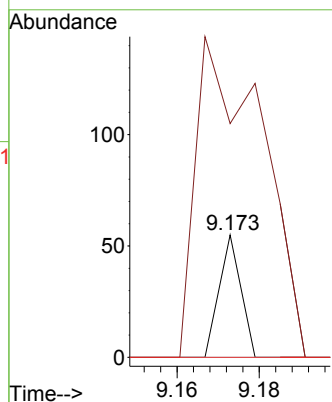
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	20
Ion	Ratio	Lower	Upper
88	100		
43	805.0	0.0	0.0#
58	0.0	49.3	73.9#



#50

Toluene-d8

Concen: 51.357 ug/l

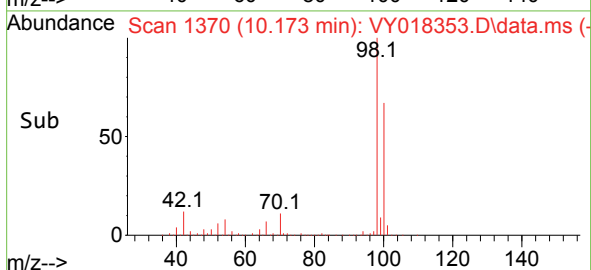
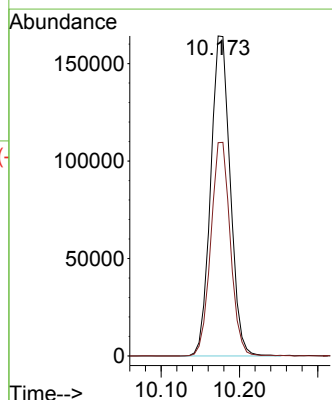
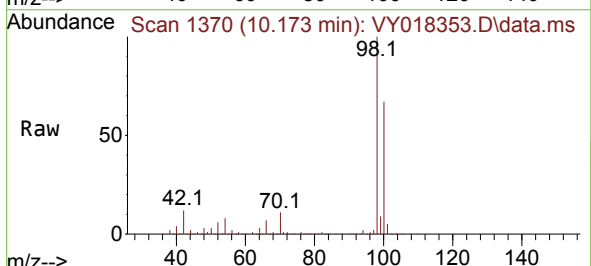
RT: 10.173 min Scan# 1370

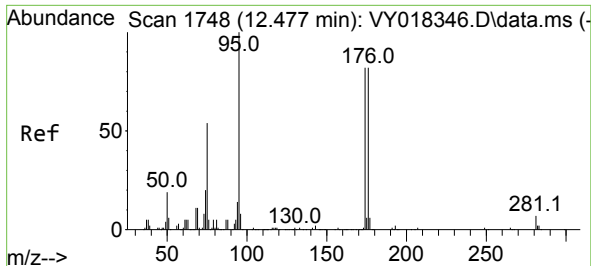
Delta R.T. 0.000 min

Lab File: VY018353.D

Acq: 23 May 2024 10:47

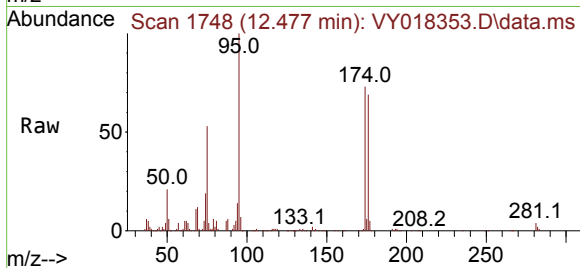
Tgt Ion:	98	Resp:	284375
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.0	78.0



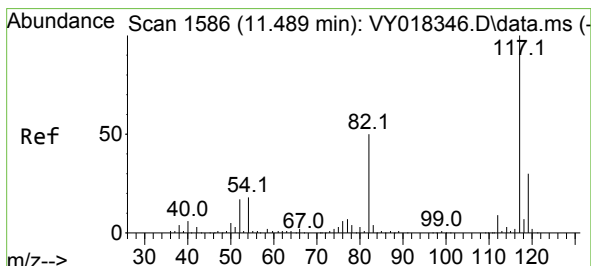
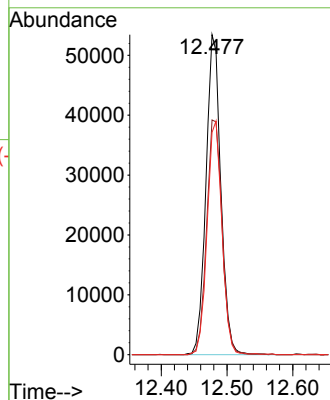
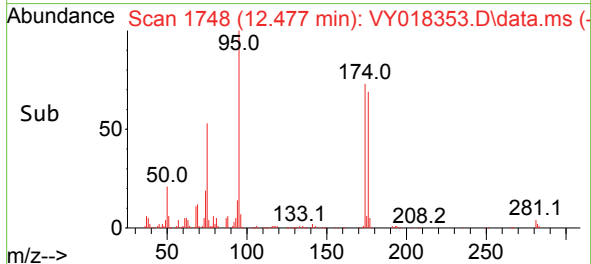


#62
4-Bromofluorobenzene
Concen: 49.107 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Instrument :
MSVOA_Y
ClientSampleId :

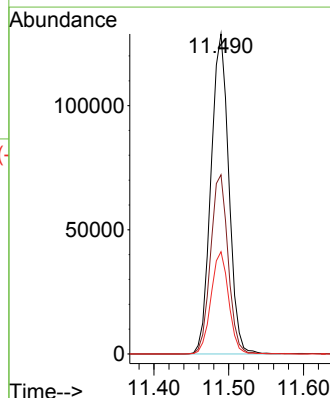
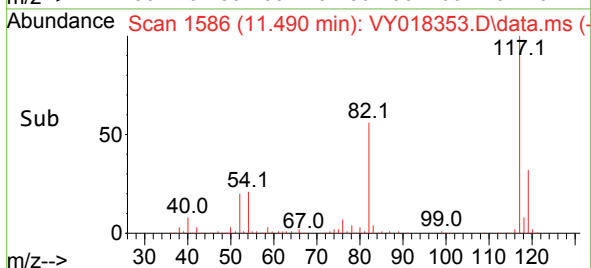
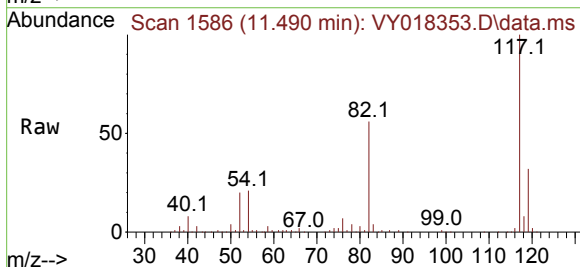


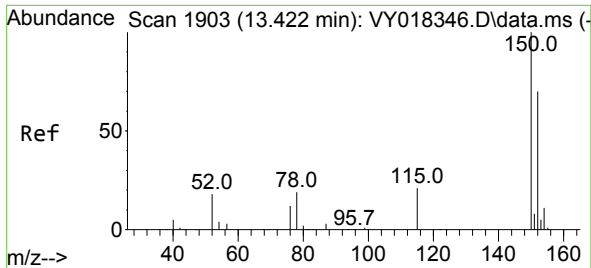
Tgt Ion: 95 Resp: 84019
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 72.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

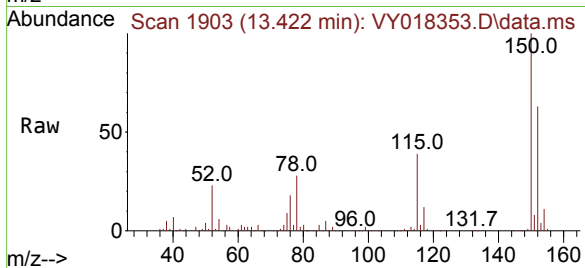
Tgt Ion: 117 Resp: 213064
Ion Ratio Lower Upper
117 100
82 56.0 42.4 63.6
119 31.9 25.9 38.9



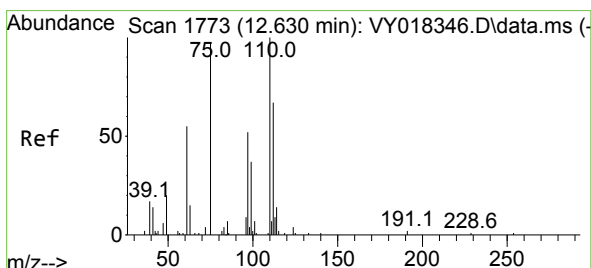
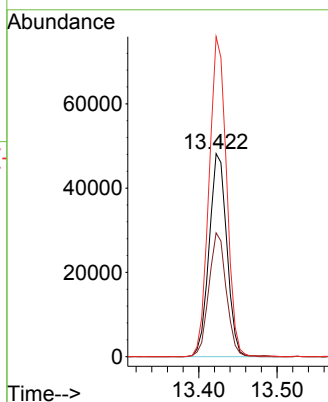
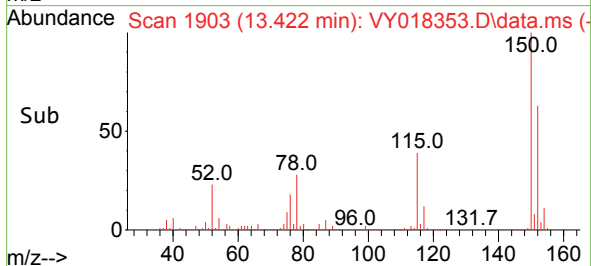


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018353.D
 Acq: 23 May 2024 10:47

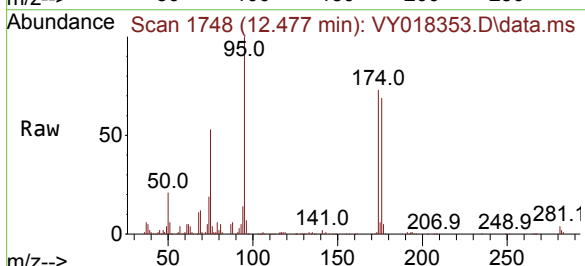
Instrument :
 MSVOA_Y
 ClientSampleId :



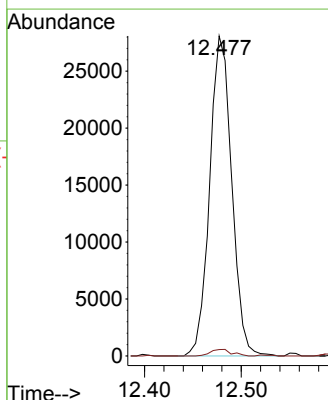
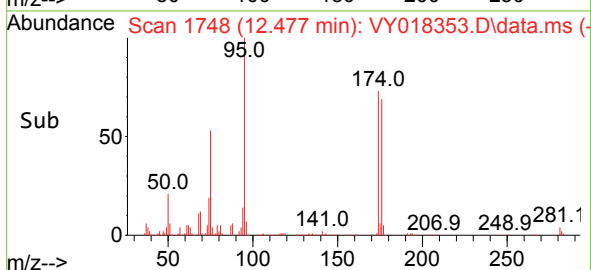
Tgt Ion:152 Resp: 75679
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.2 84.7
 150 155.4 0.0 345.6

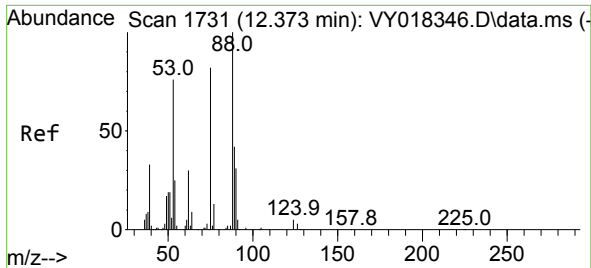


#76
 1,2,3-Trichloropropane
 Concen: 65.335 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018353.D
 Acq: 23 May 2024 10:47



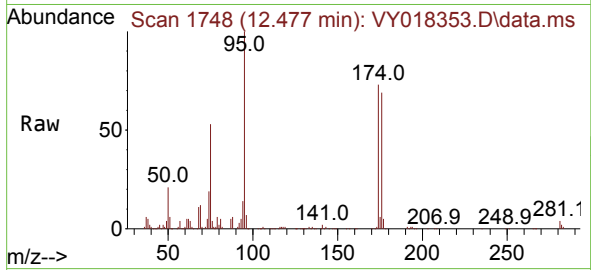
Tgt Ion: 75 Resp: 44440
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.427 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018353.D
 Acq: 23 May 2024 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 44440
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

