

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018356.D
 Acq On : 23 May 2024 12:31
 Operator : SY/MD
 Sample : P2539-03
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 24 01:15:11 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)

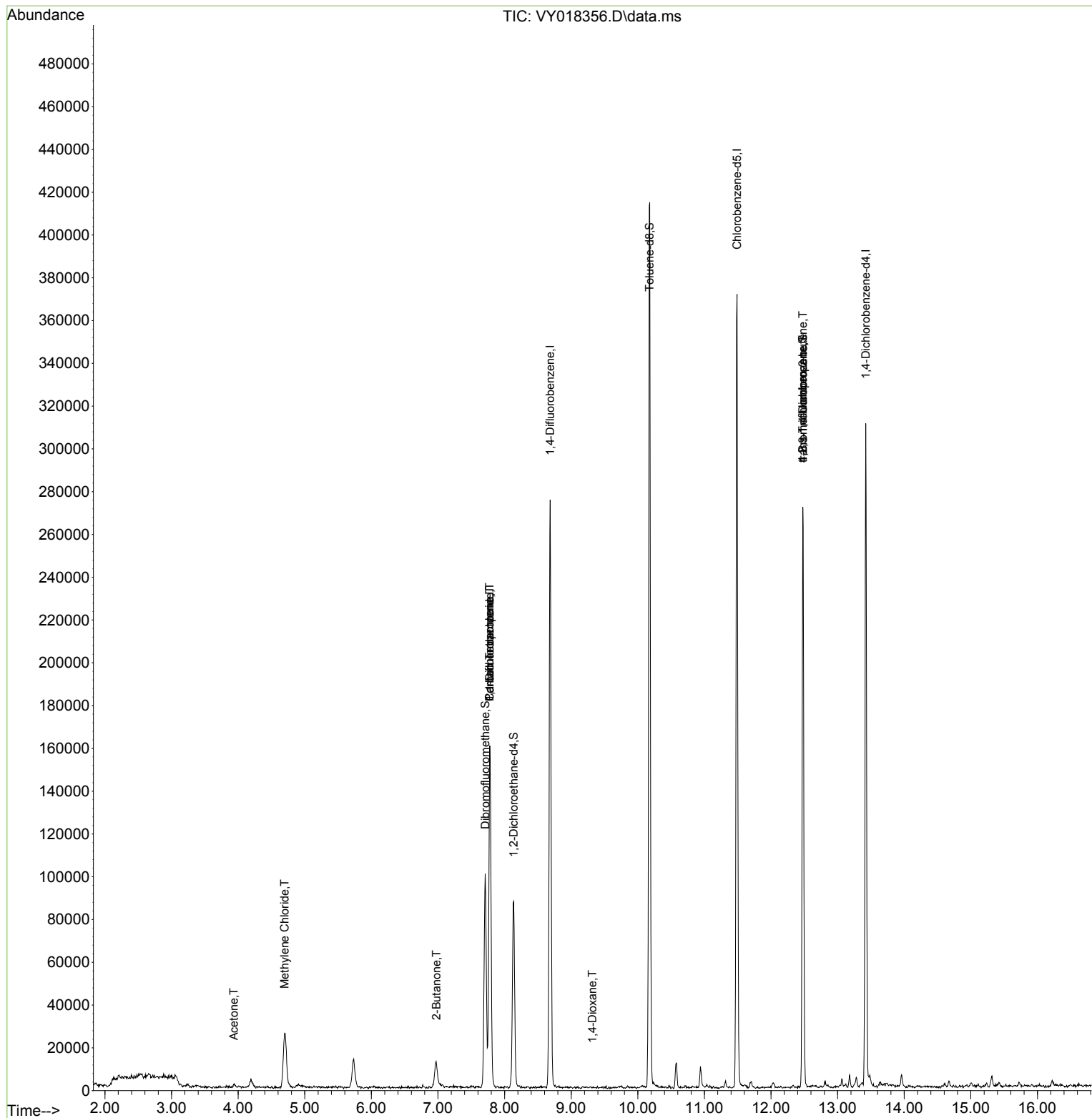
Internal Standards						
1) Pentafluorobenzene	7.777	168	118876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	234383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64293	57.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.180%	
35) Dibromofluoromethane	7.710	113	70765	51.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.540%	
50) Toluene-d8	10.179	98	274356	51.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.477	95	82150	49.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	883	Below Cal	#	95
13) Acrolein	3.704	56	45	Below Cal	#	1
16) Acetone	3.936	43	2142	9.247	ug/l #	84
20) Methylene Chloride	4.698	84	20482	11.643	ug/l	89
25) 2-Butanone	6.978	43	996	2.713	ug/l #	41
31) Cyclohexane	7.777	56	2925	Below Cal	#	35
36) 1,1-Dichloropropene	7.777	75	10998	5.548	ug/l #	49
38) Carbon Tetrachloride	7.777	117	12254	6.036	ug/l #	19
49) 1,4-Dioxane	9.319	88	24	2.320	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	44084	65.904	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44084	135.597	ug/l #	16

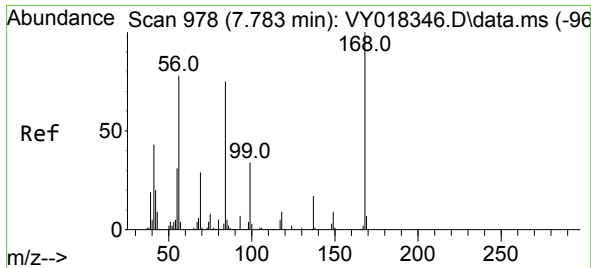
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
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Quant Time: May 24 01:15:11 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

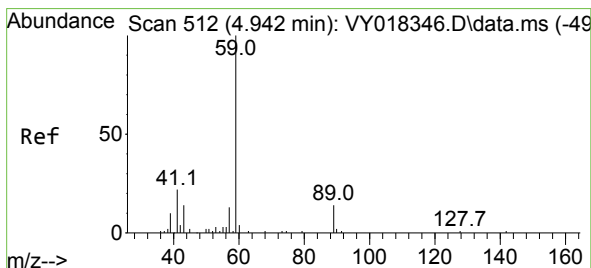
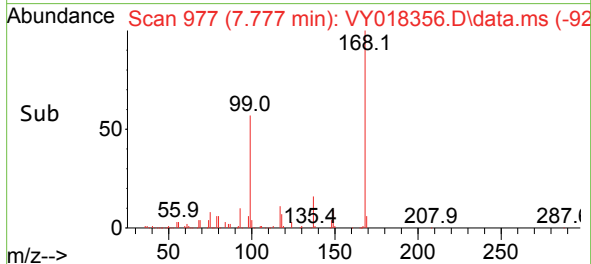
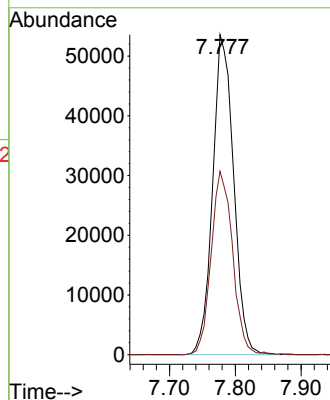
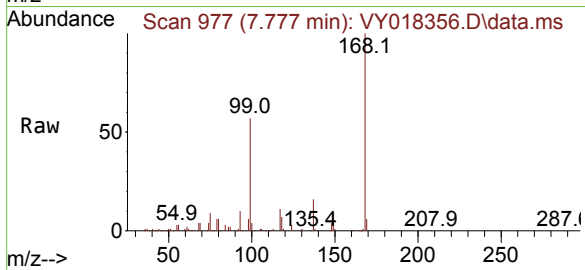




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

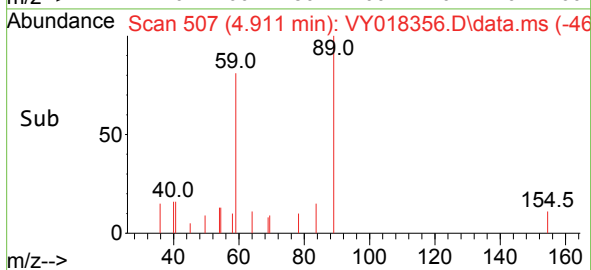
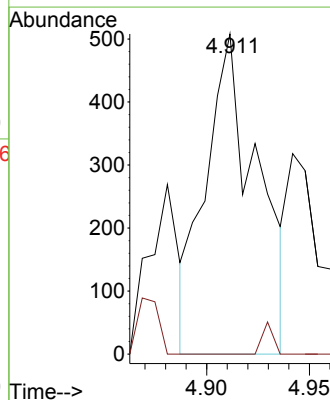
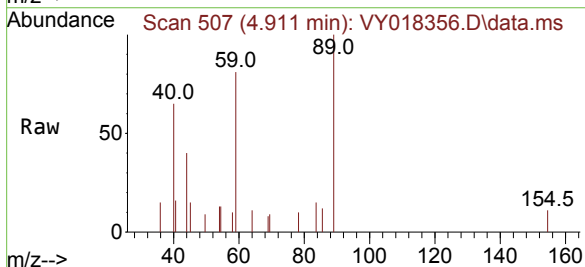
Instrument :
MSVOA_Y
ClientSampleId :

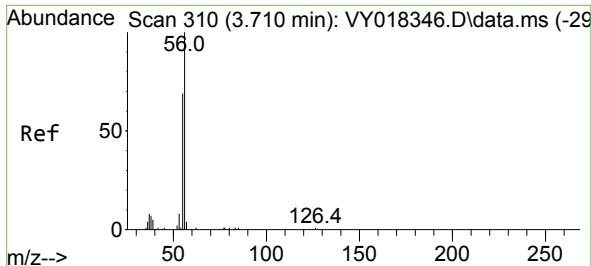
Tgt Ion:168 Resp: 118876
Ion Ratio Lower Upper
168 100
99 57.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.031 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Tgt Ion: 59 Resp: 883
Ion Ratio Lower Upper
59 100
57 2.2 3.0 4.6#

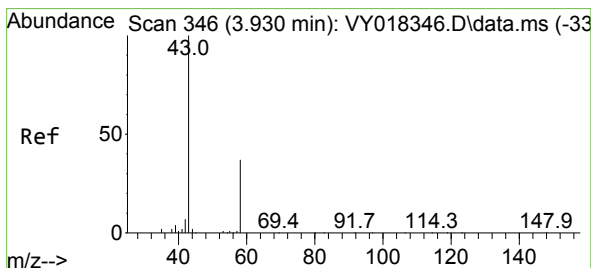
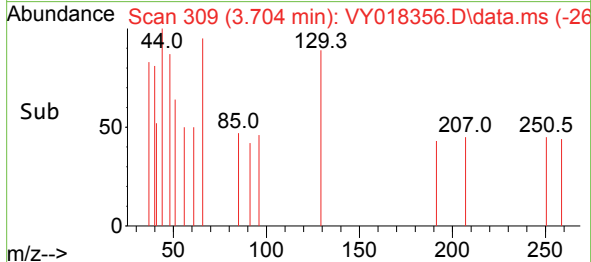
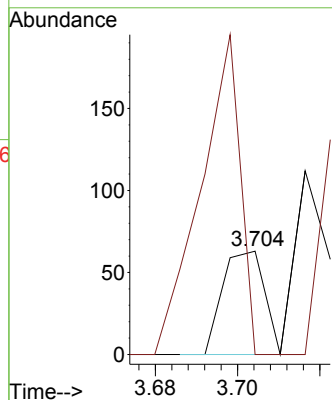
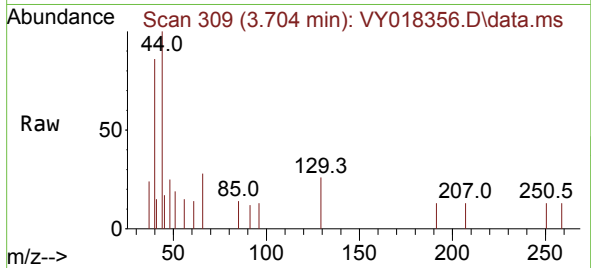




#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.006 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

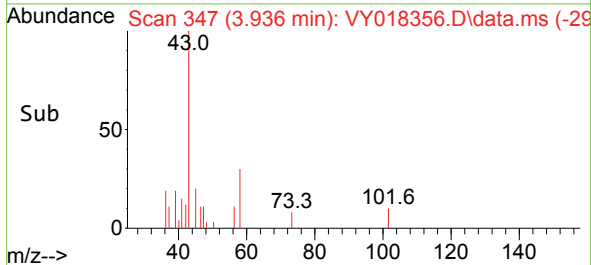
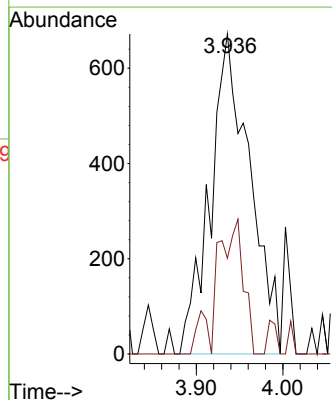
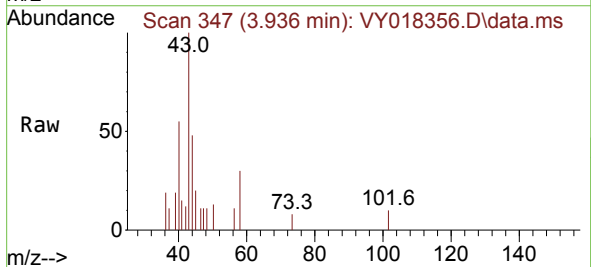
Instrument :
MSVOA_Y
ClientSampleId :

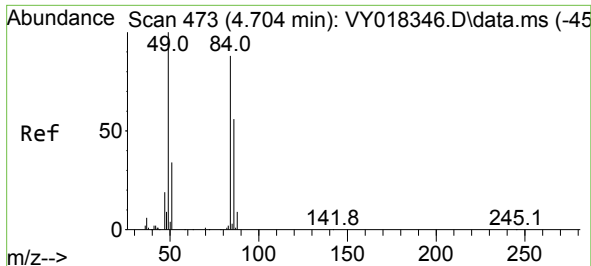
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 291.1 55.7 83.5#



#16
Acetone
Concen: 9.247 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Tgt Ion: 43 Resp: 2142
Ion Ratio Lower Upper
43 100
58 29.9 31.7 47.5#

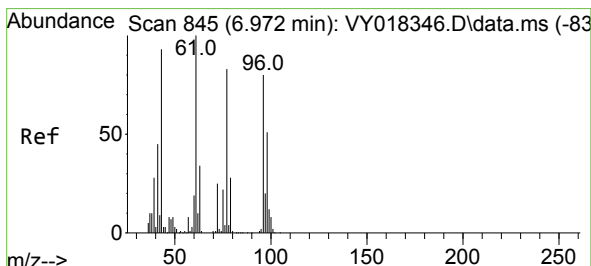
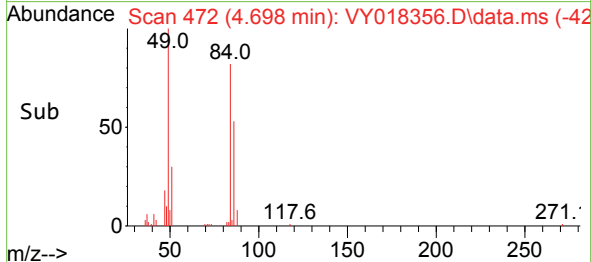
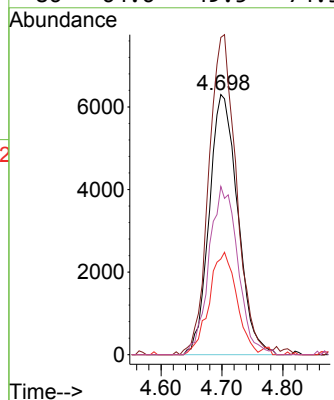
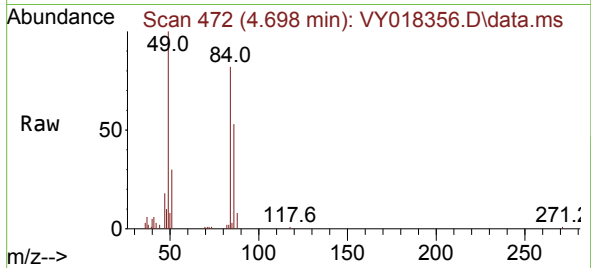




#20
Methylene Chloride
Concen: 11.643 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

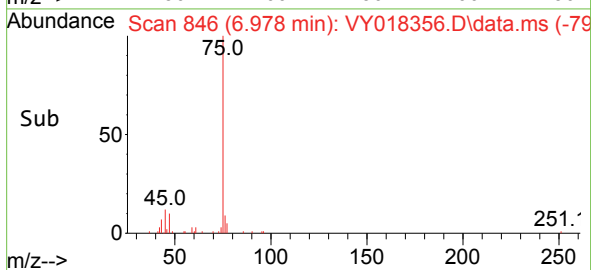
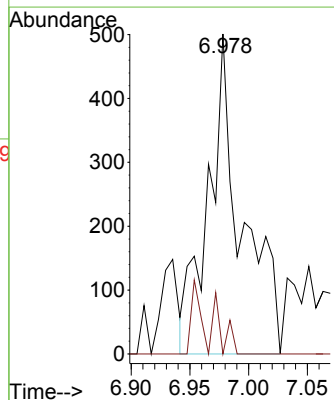
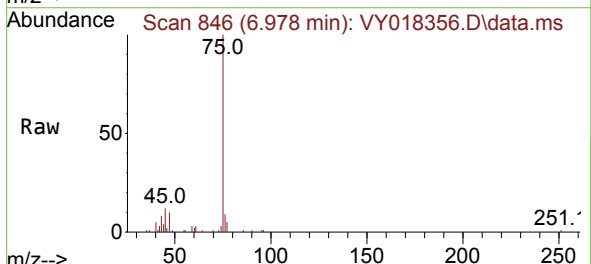
Instrument :
MSVOA_Y
ClientSampleId :

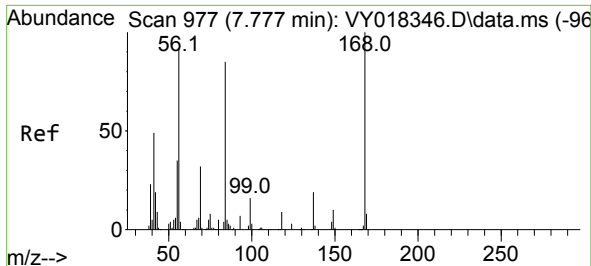
Tgt Ion: 84	Resp: 20482
Ion Ratio	Lower Upper
84 100	
49 121.9	84.4 126.6
51 36.8	26.0 39.0
86 64.6	49.5 74.3



#25
2-Butanone
Concen: 2.713 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

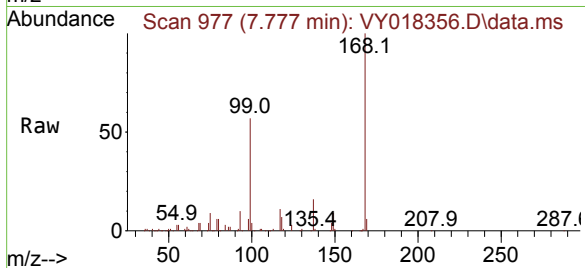
Tgt Ion: 43	Resp: 996
Ion Ratio	Lower Upper
43 100	
72 0.0	27.3 40.9#



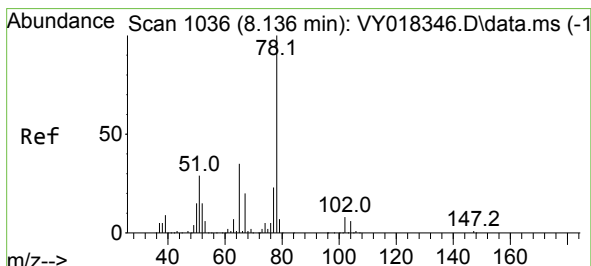
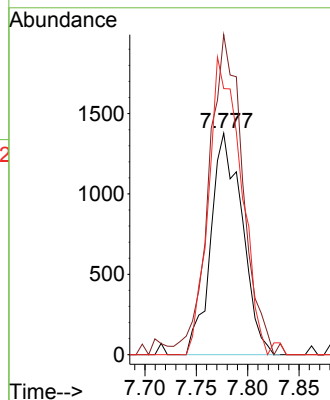
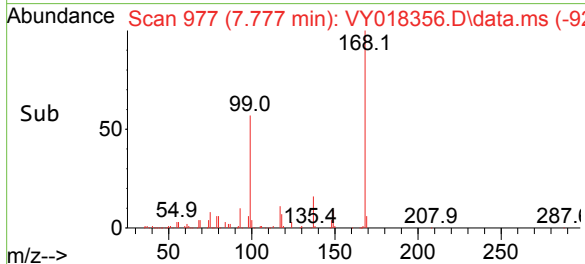


#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Instrument :
MSVOA_Y
ClientSampleId :

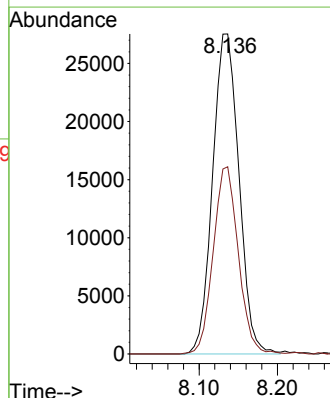
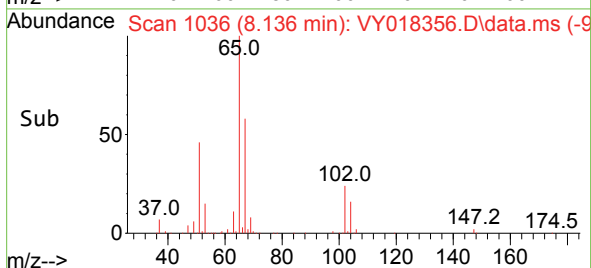
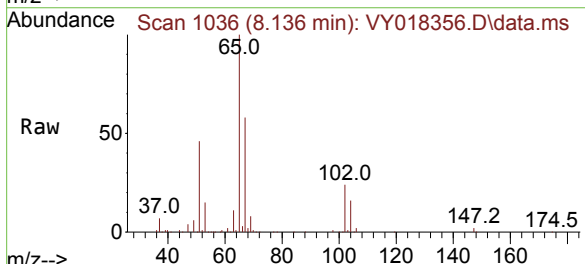


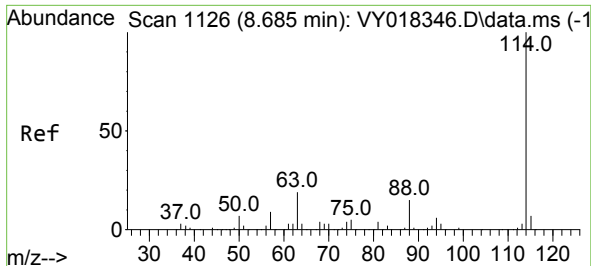
Tgt Ion: 56 Resp: 2925
Ion Ratio Lower Upper
56 100
69 139.6 28.7 43.1#
84 120.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.086 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Tgt Ion: 65 Resp: 64293
Ion Ratio Lower Upper
65 100
67 55.8 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: VY018356.D

Acq: 23 May 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

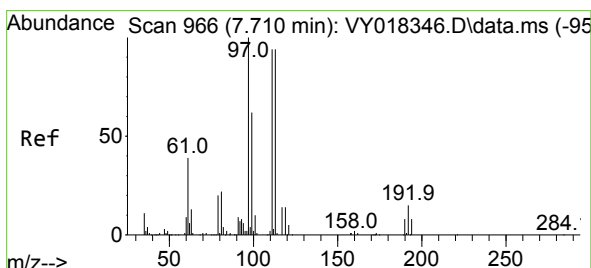
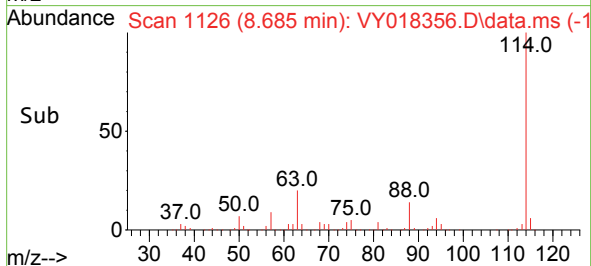
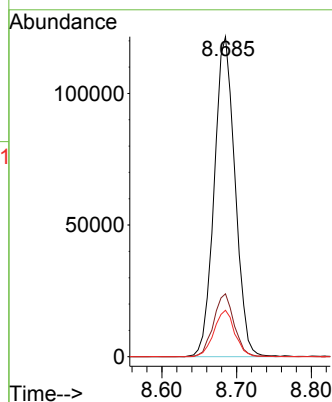
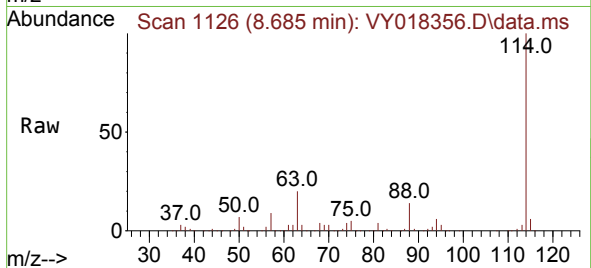
Tgt Ion:114 Resp: 234383

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.774 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018356.D

Acq: 23 May 2024 12:31

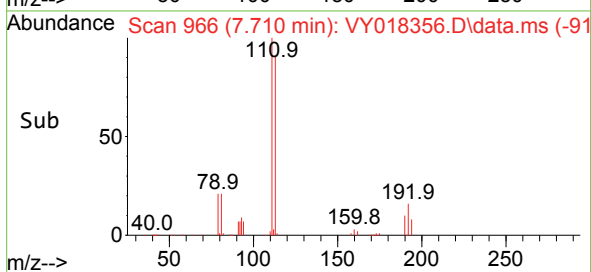
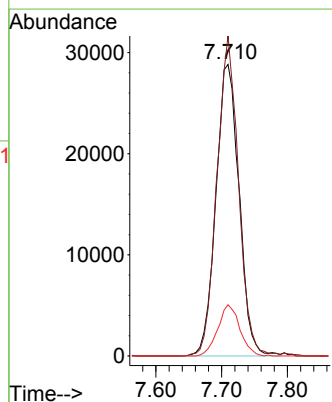
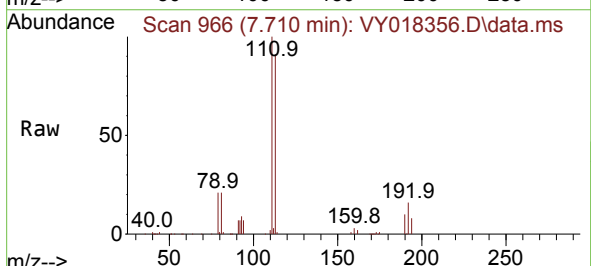
Tgt Ion:113 Resp: 70765

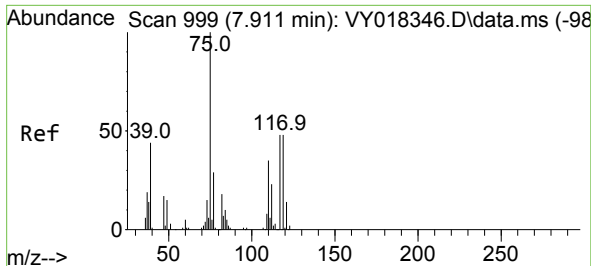
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 16.7 15.9 23.9

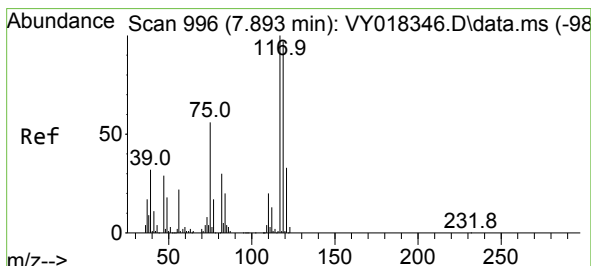
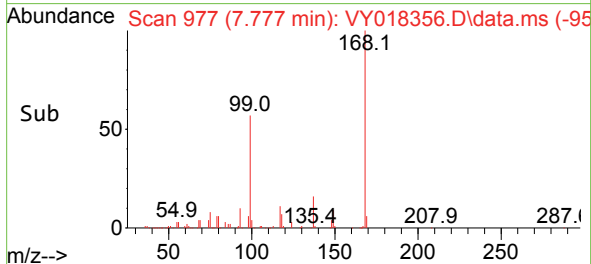
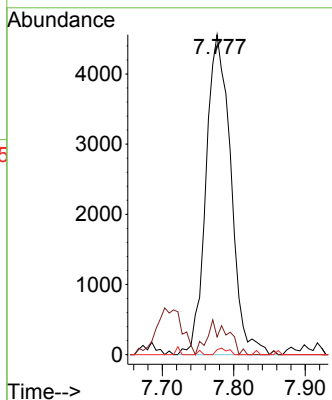
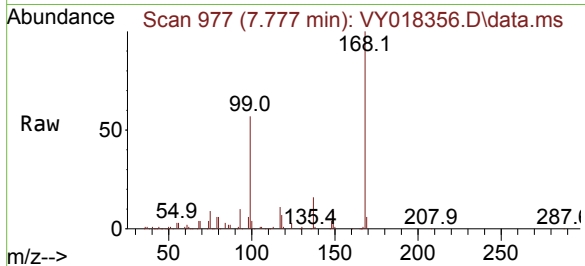




#36
1,1-Dichloropropene
Concen: 5.548 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

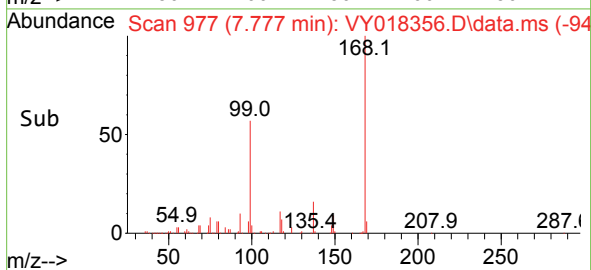
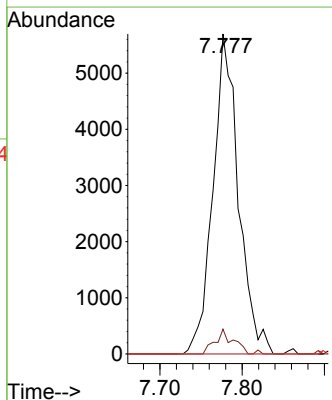
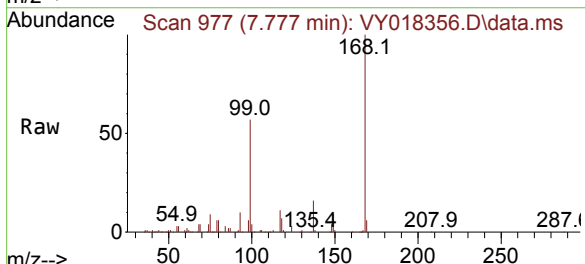
Instrument :
MSVOA_Y
ClientSampleId :

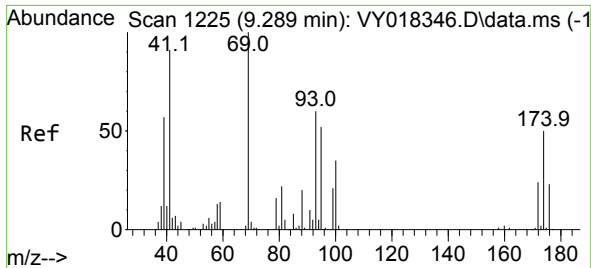
Tgt Ion: 75 Resp: 10998
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 1.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.036 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Tgt Ion: 117 Resp: 12254
Ion Ratio Lower Upper
117 100
119 7.8 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.320 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.030 min

Lab File: VY018356.D

Acq: 23 May 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

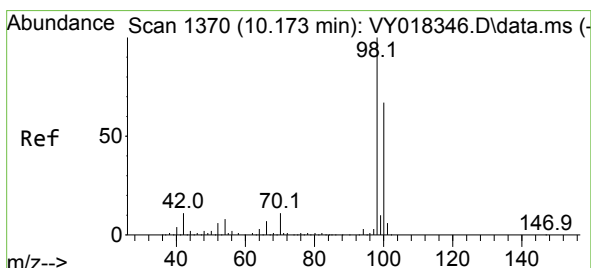
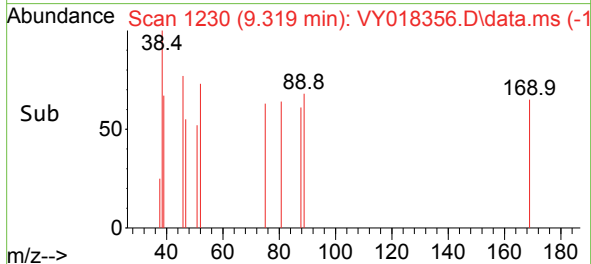
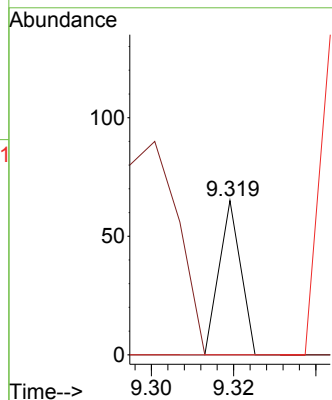
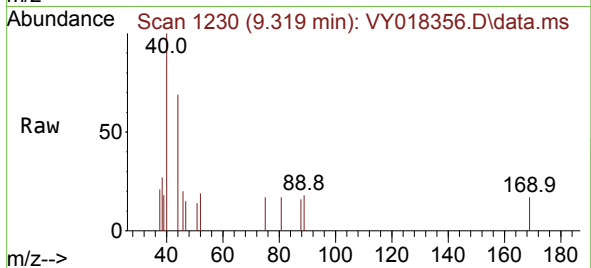
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 425.0 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 51.484 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018356.D

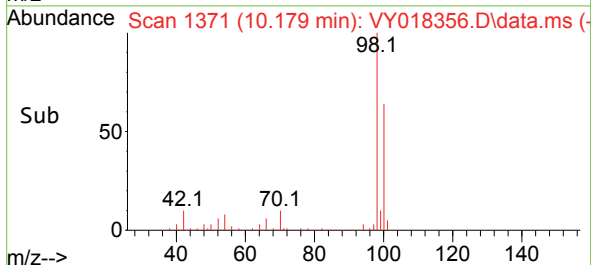
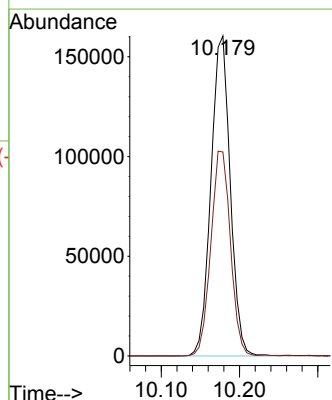
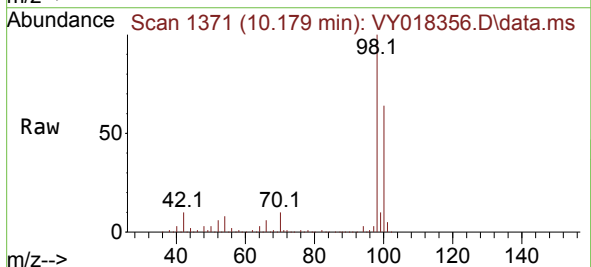
Acq: 23 May 2024 12:31

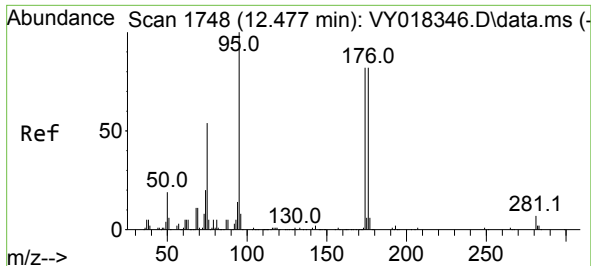
Tgt Ion: 98 Resp: 274356

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

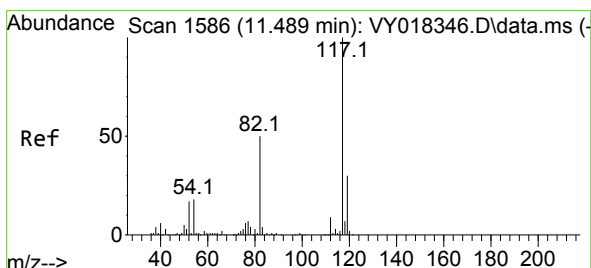
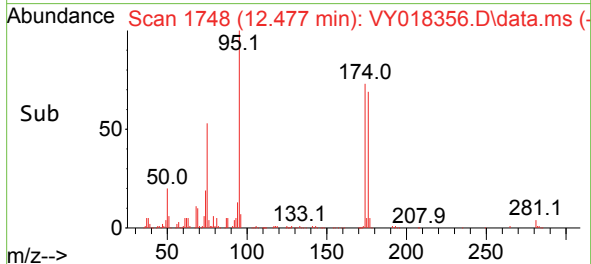
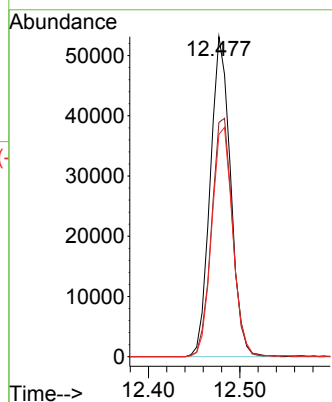
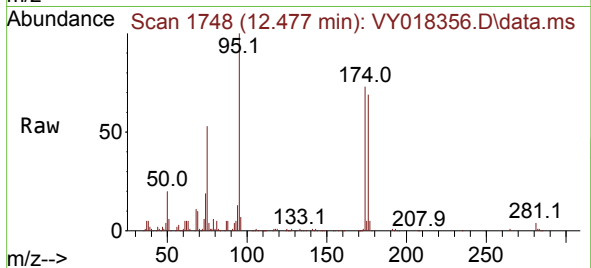




#62
4-Bromofluorobenzene
Concen: 49.891 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

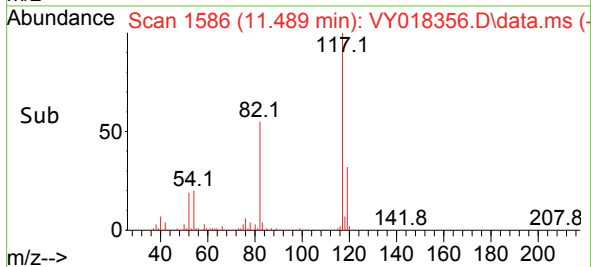
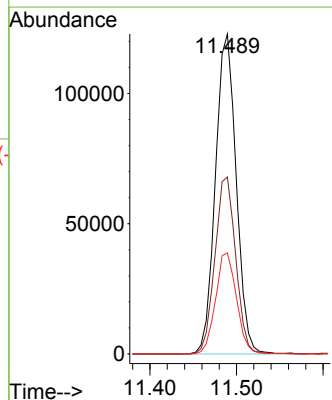
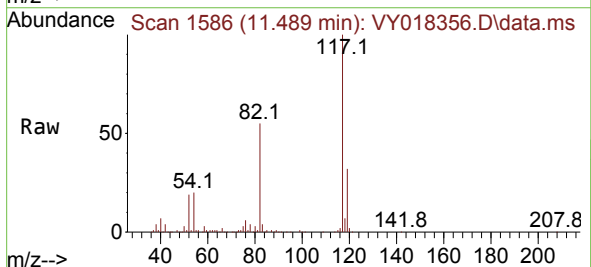
Instrument :
MSVOA_Y
ClientSampleId :

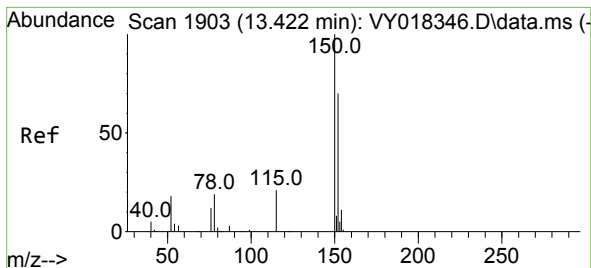
Tgt Ion: 95 Resp: 82150
Ion Ratio Lower Upper
95 100
174 77.1 0.0 175.6
176 74.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018356.D
Acq: 23 May 2024 12:31

Tgt Ion:117 Resp: 204675
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 31.5 25.9 38.9

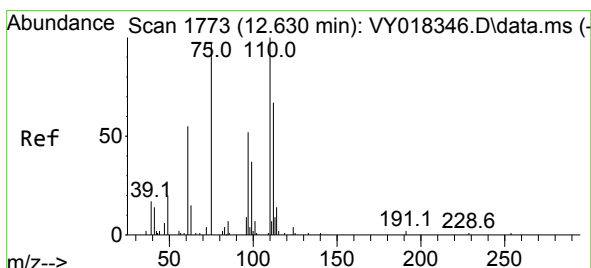
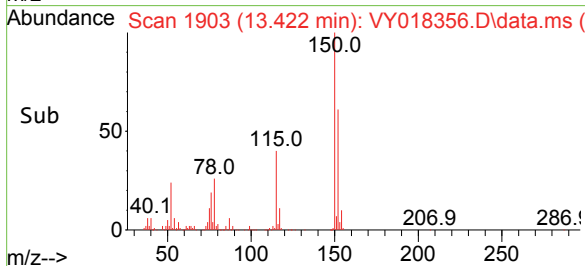
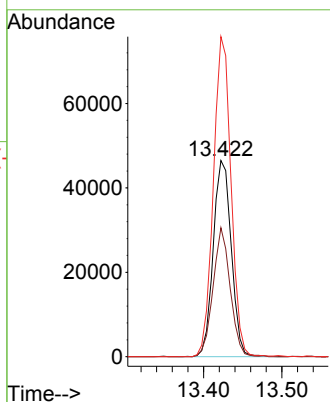
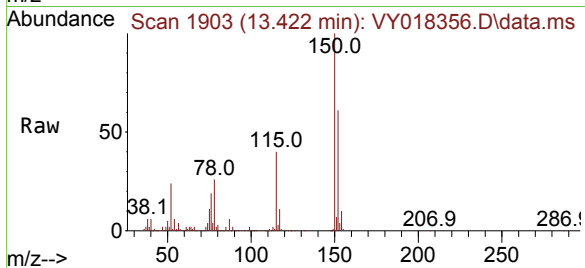




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018356.D
 Acq: 23 May 2024 12:31

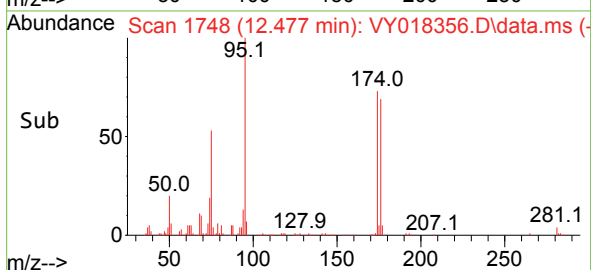
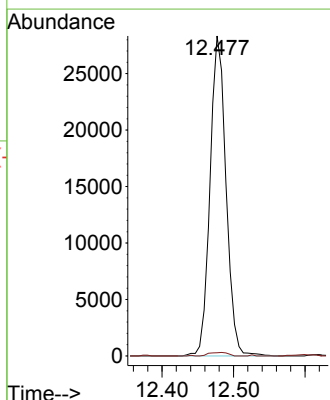
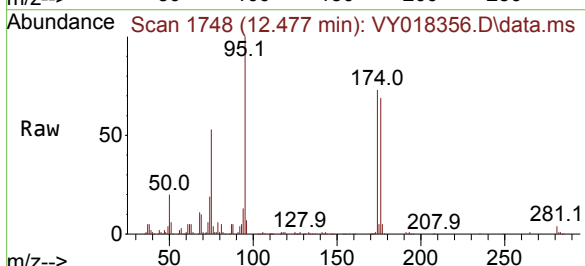
Instrument :
 MSVOA_Y
 ClientSampleId :

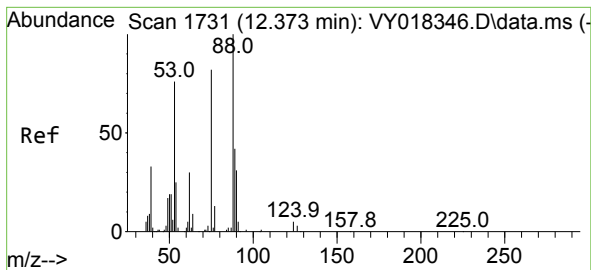
Tgt Ion:152 Resp: 74425
 Ion Ratio Lower Upper
 152 100
 115 62.4 28.2 84.7
 150 159.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 65.904 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018356.D
 Acq: 23 May 2024 12:31

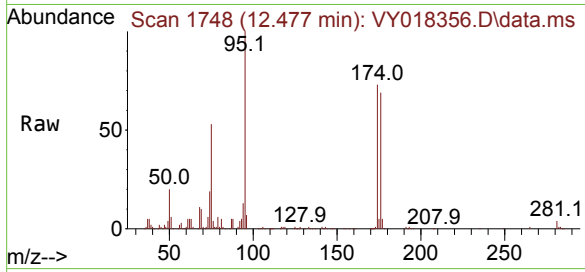
Tgt Ion: 75 Resp: 44084
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.597 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018356.D
 Acq: 23 May 2024 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	44084
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

