

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018388.D
 Acq On : 28 May 2024 18:26
 Operator : SY/MD
 Sample : P2611-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 29 01:23:32 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)

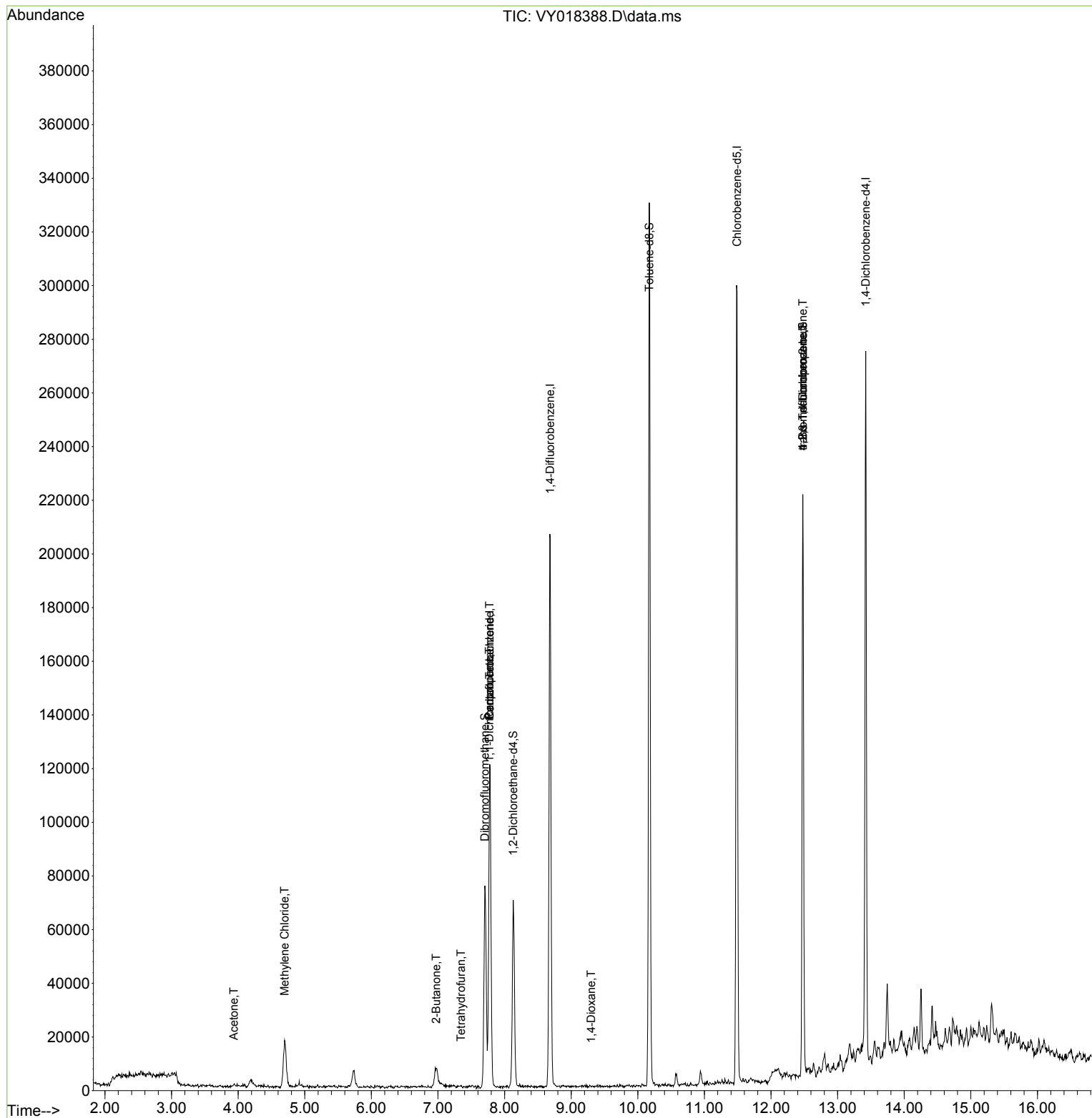
Internal Standards						
1) Pentafluorobenzene	7.777	168	88809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	178298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	162204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	50194	59.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.320%
35) Dibromofluoromethane	7.704	113	54698	52.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.220%
50) Toluene-d8	10.173	98	210314	51.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.477	95	66597	53.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	971	Below Cal		98
13) Acrolein	3.717	56	54	Below Cal	#	24
16) Acetone	3.936	43	1554	8.980	ug/l	93
20) Methylene Chloride	4.698	84	12055	8.036	ug/l #	81
25) 2-Butanone	6.972	43	485	1.769	ug/l #	72
29) Tetrahydrofuran	7.344	42	248	1.374	ug/l #	26
31) Cyclohexane	7.777	56	2126	Below Cal	#	11
36) 1,1-Dichloropropene	7.771	75	8545	5.667	ug/l #	50
38) Carbon Tetrachloride	7.777	117	9356	6.058	ug/l #	16
49) 1,4-Dioxane	9.301	88	26	3.303	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	34287	63.140	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	34287	129.910	ug/l #	17

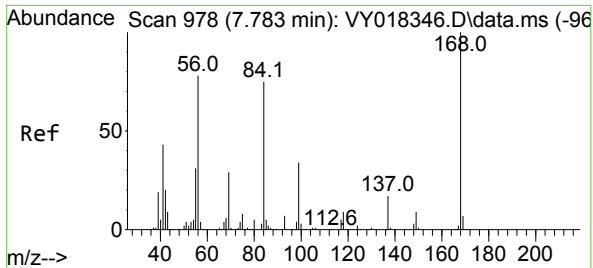
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
Data File : VY018388.D
Acq On : 28 May 2024 18:26
Operator : SY/MD
Sample : P2611-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 29 01:23:32 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

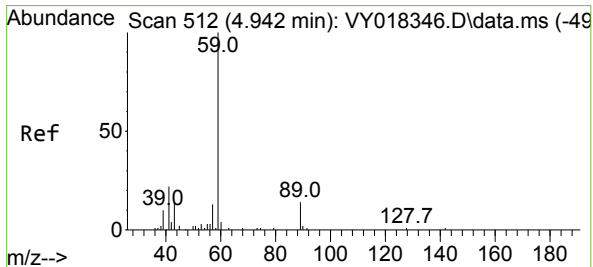
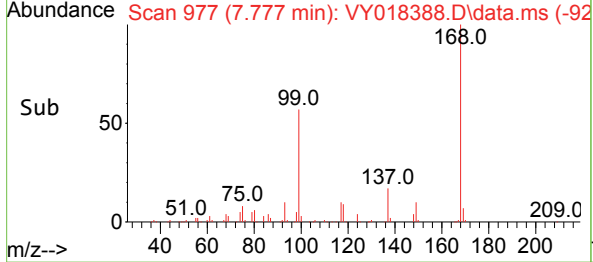
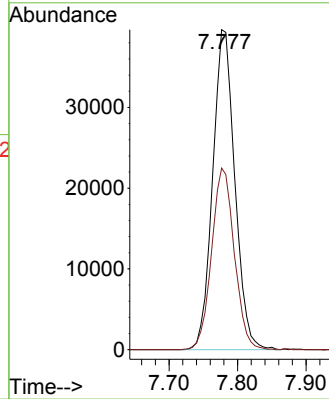
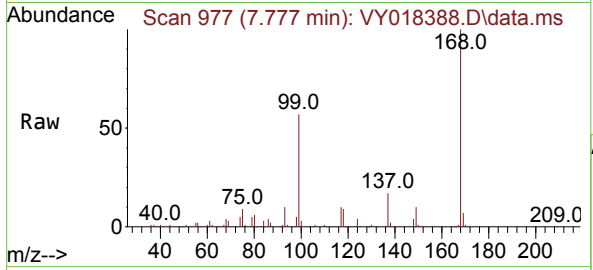




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

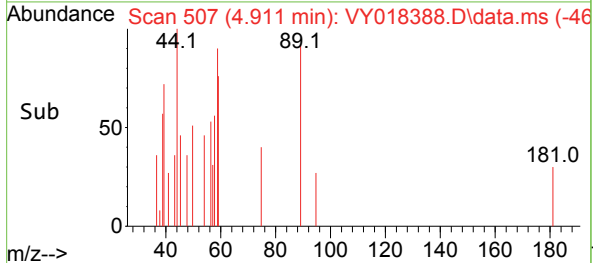
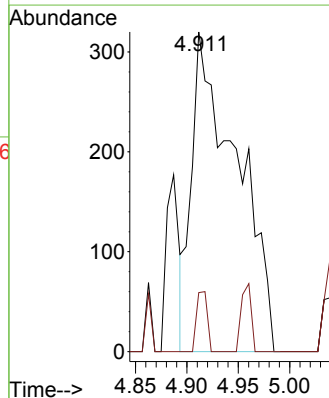
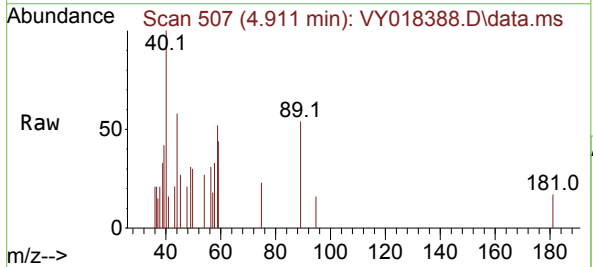
Instrument :
MSVOA_Y
ClientSampleId :

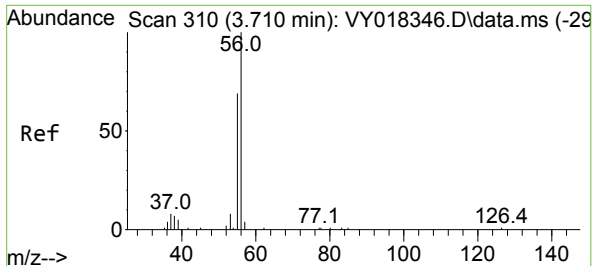
Tgt Ion:168 Resp: 88809
Ion Ratio Lower Upper
168 100
99 56.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.031 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

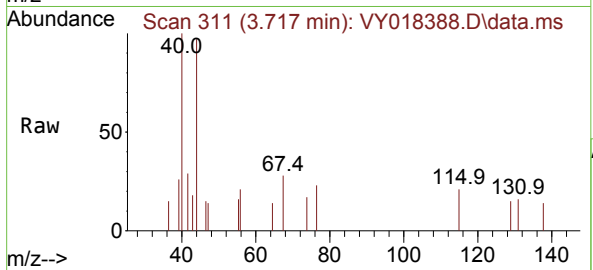
Tgt Ion: 59 Resp: 971
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.6



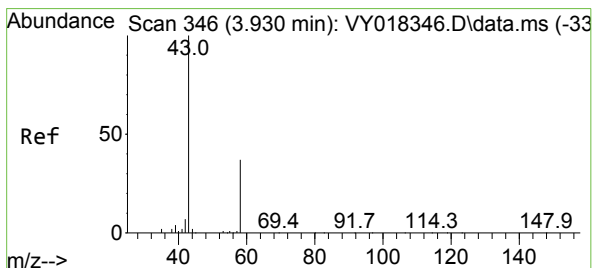
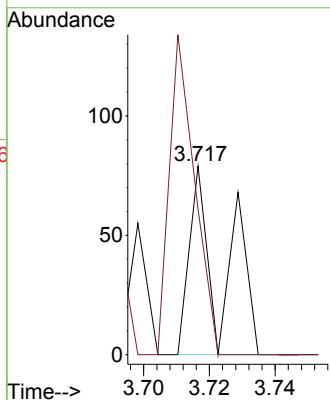
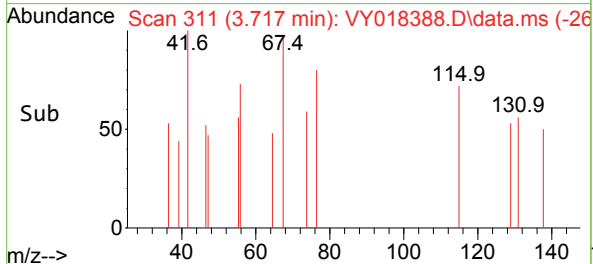


#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Instrument :
MSVOA_Y
ClientSampleId :

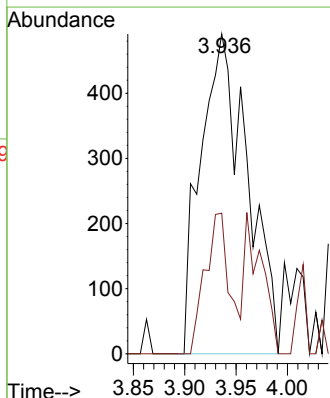
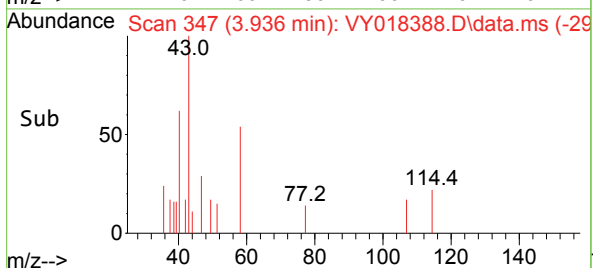
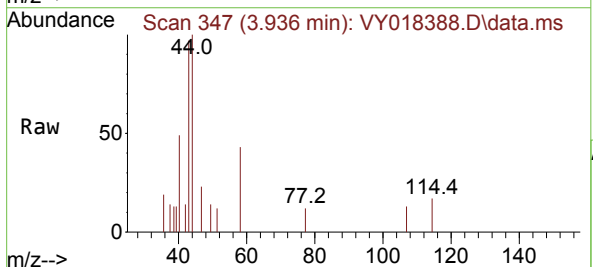


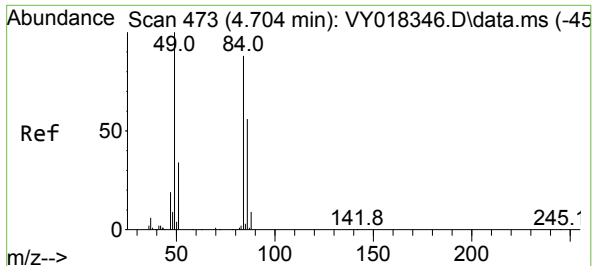
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 131.5 55.7 83.5#



#16
Acetone
Concen: 8.980 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

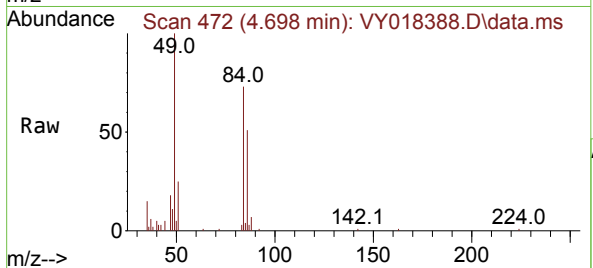
Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
58 44.0 31.7 47.5



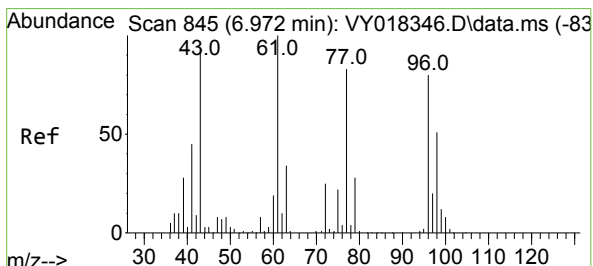
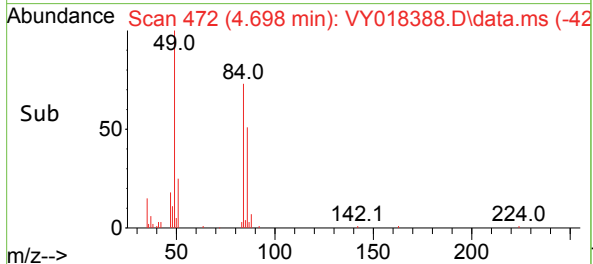
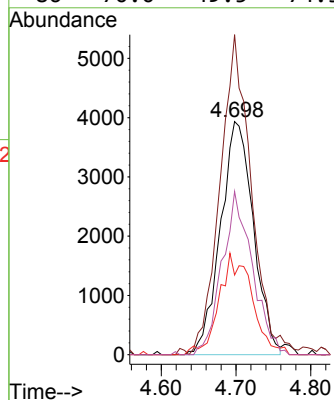


#20
Methylene Chloride
Concen: 8.036 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Instrument :
MSVOA_Y
ClientSampleId :

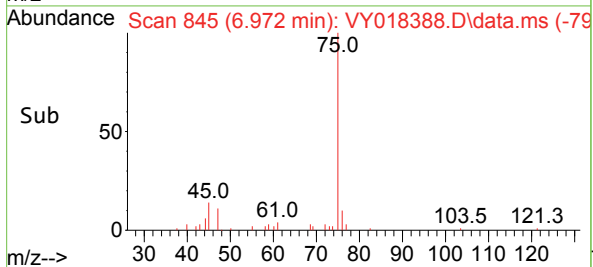
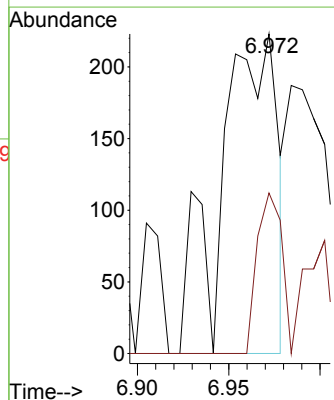
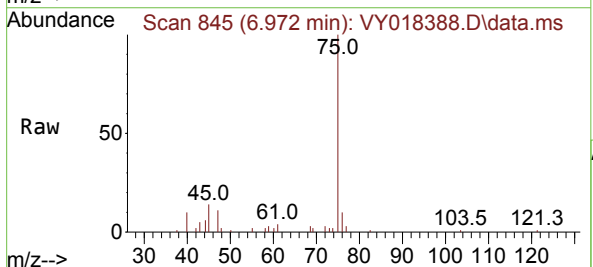


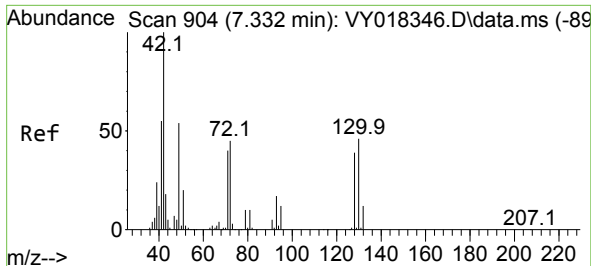
Tgt Ion: 84 Resp: 12055
Ion Ratio Lower Upper
84 100
49 134.5 84.4 126.6#
51 34.2 26.0 39.0
86 70.0 49.5 74.3



#25
2-Butanone
Concen: 1.769 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

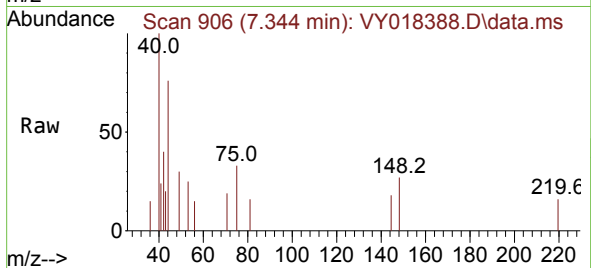
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
72 50.2 27.3 40.9#



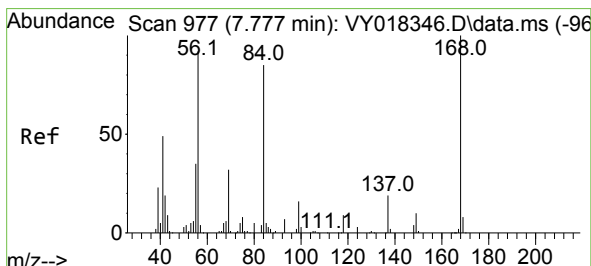
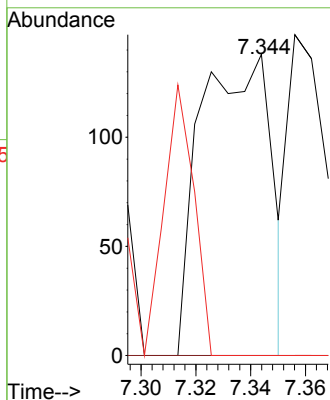
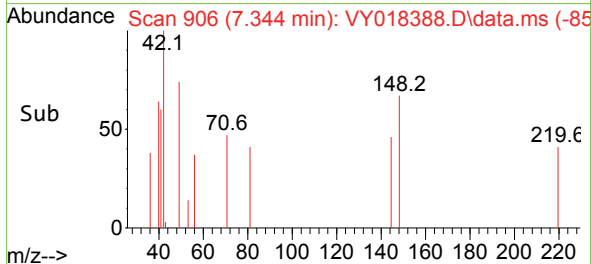


#29
Tetrahydrofuran
Concen: 1.374 ug/l
RT: 7.344 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

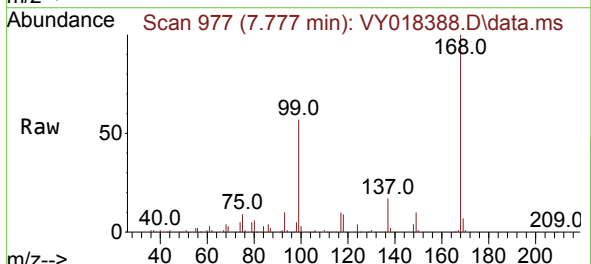
Instrument :
MSVOA_Y
ClientSampleId :



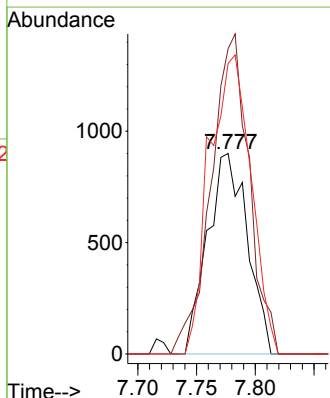
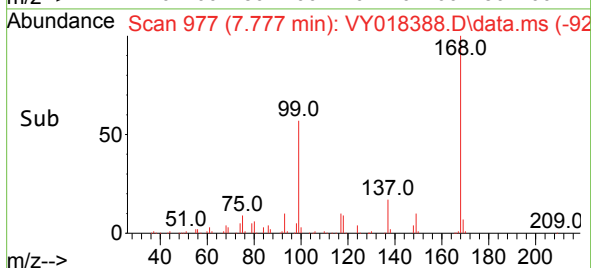
Tgt Ion: 42 Resp: 248
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#

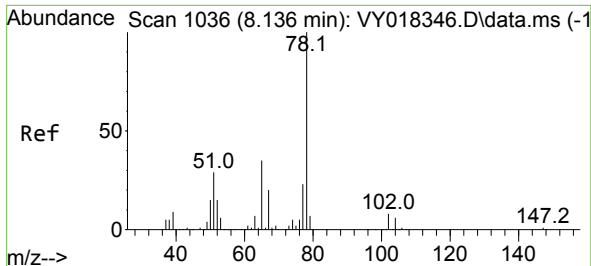


#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26



Tgt Ion: 56 Resp: 2126
Ion Ratio Lower Upper
56 100
69 152.3 28.7 43.1#
84 145.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.656 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018388.D

Acq: 28 May 2024 18:26

Instrument :

MSVOA_Y

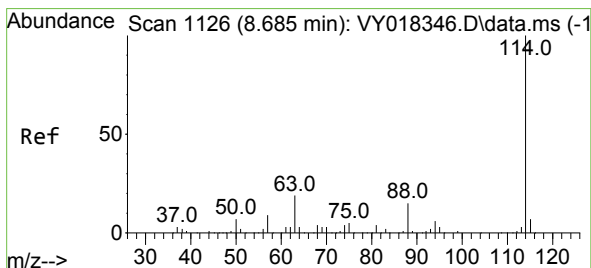
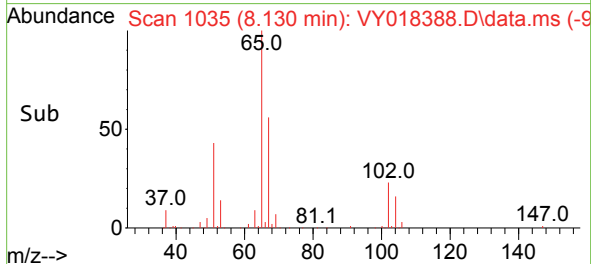
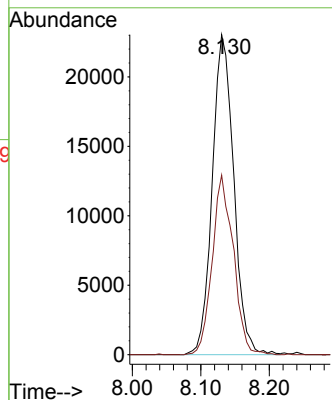
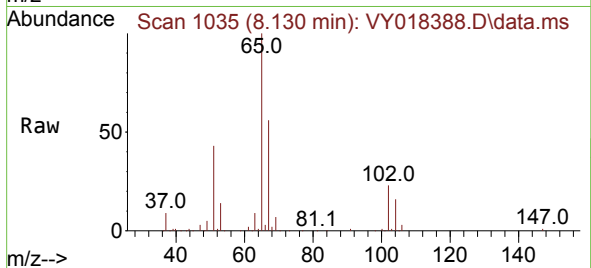
ClientSampleId :

Tgt Ion: 65 Resp: 50194

Ion Ratio Lower Upper

65 100

67 55.2 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: VY018388.D

Acq: 28 May 2024 18:26

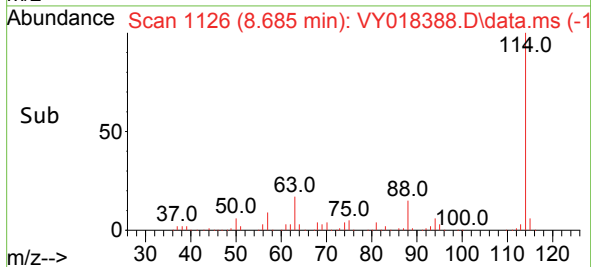
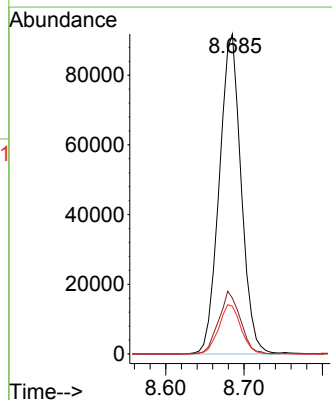
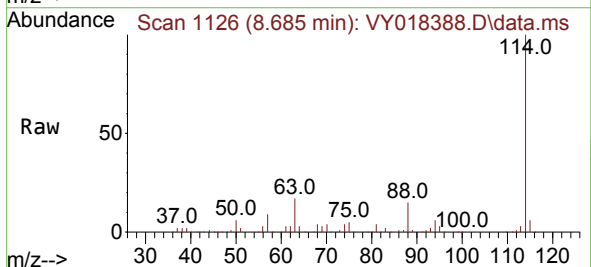
Tgt Ion: 114 Resp: 178298

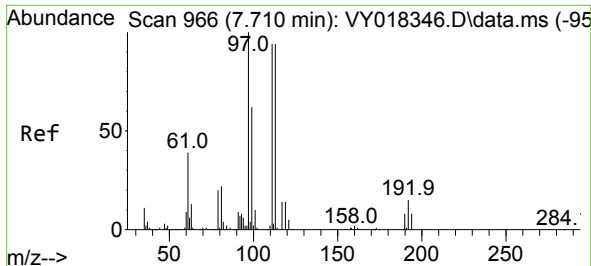
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

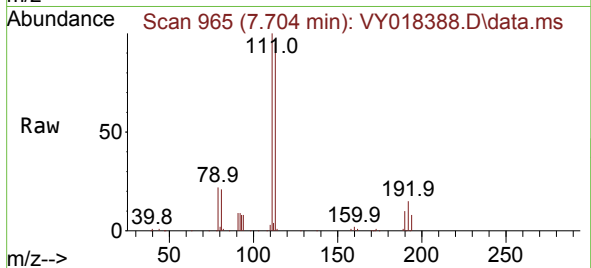
88 14.9 0.0 27.2



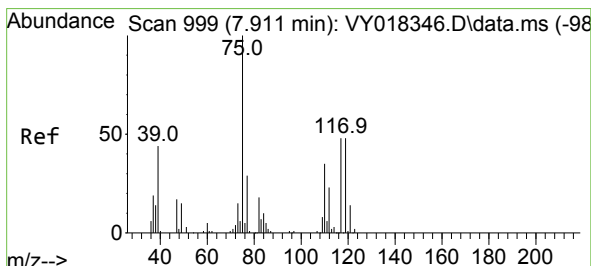
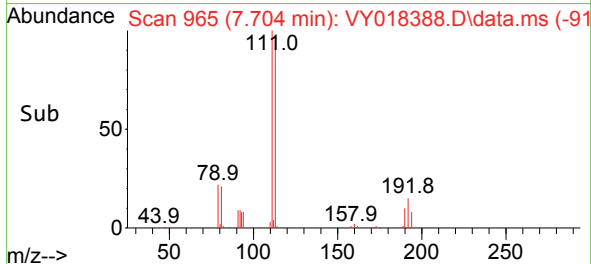
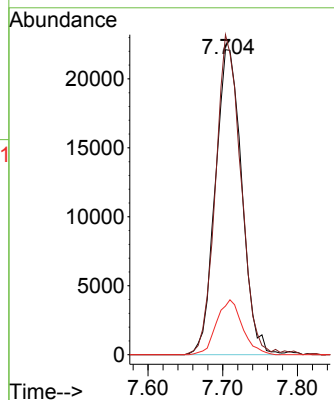


#35
Dibromofluoromethane
Concen: 52.607 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Instrument :
MSVOA_Y
ClientSampleId :

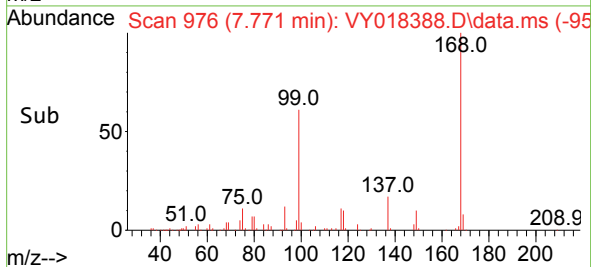
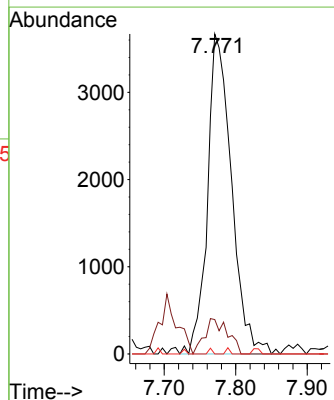
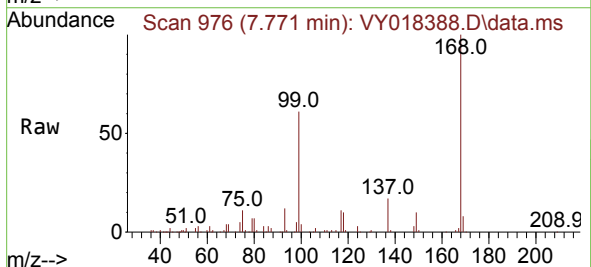


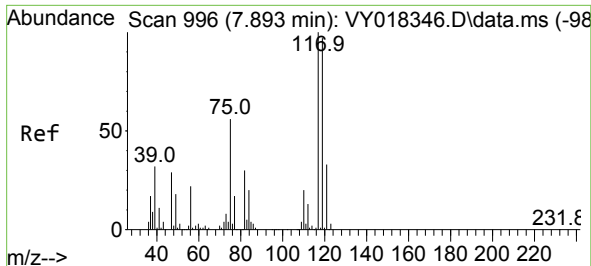
Tgt Ion:113 Resp: 54698
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 17.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.667 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.140 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

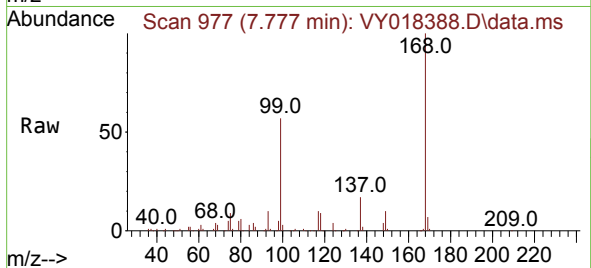
Tgt Ion: 75 Resp: 8545
Ion Ratio Lower Upper
75 100
110 10.5 19.0 57.0#
77 0.3 25.3 37.9#



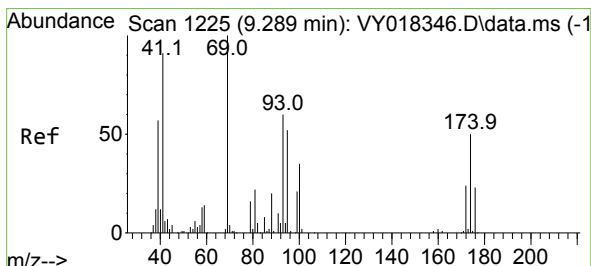
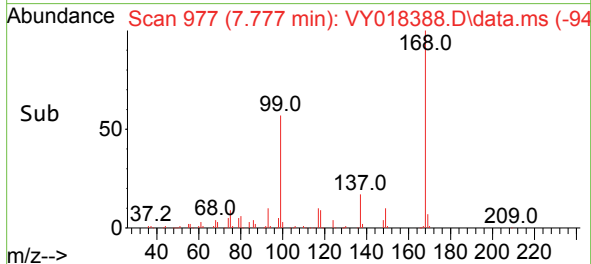
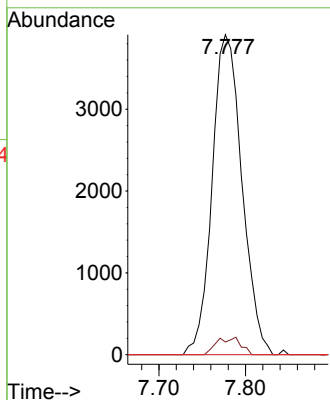


#38
Carbon Tetrachloride
Concen: 6.058 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Instrument :
MSVOA_Y
ClientSampleId :

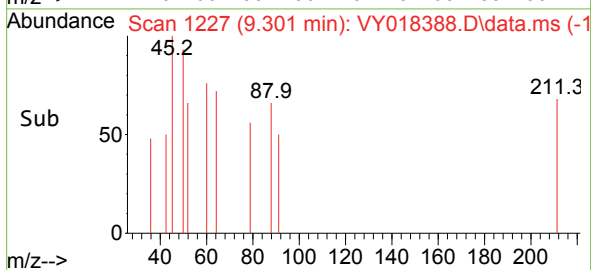
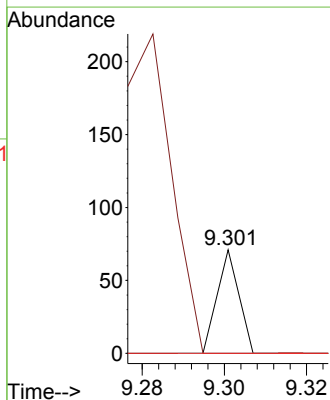
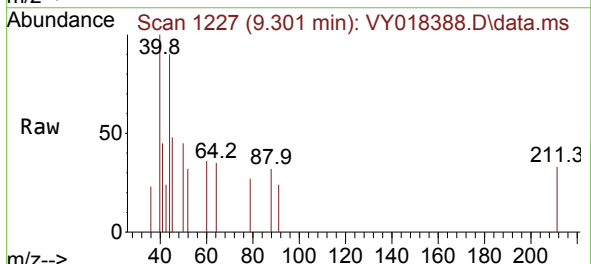


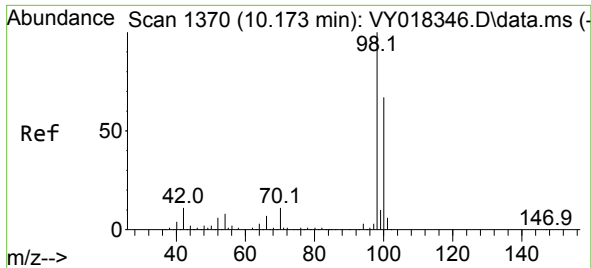
Tgt Ion:117 Resp: 9356
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.303 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 696.2 0.0 0.0#
58 0.0 49.3 73.9#

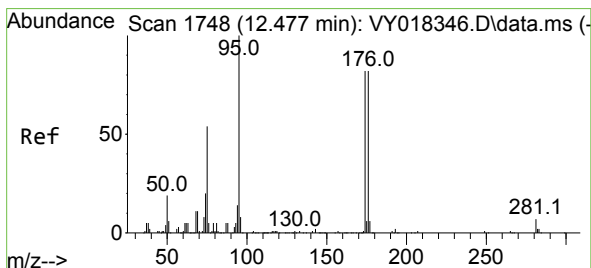
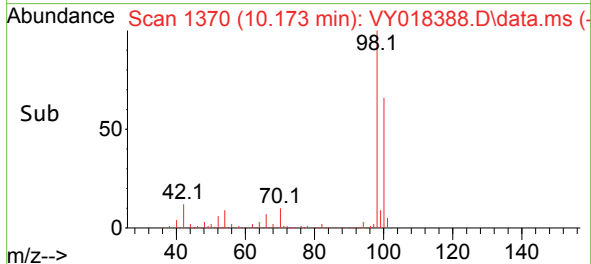
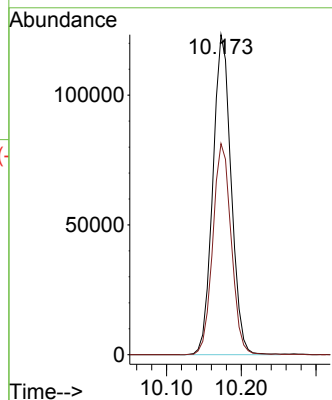
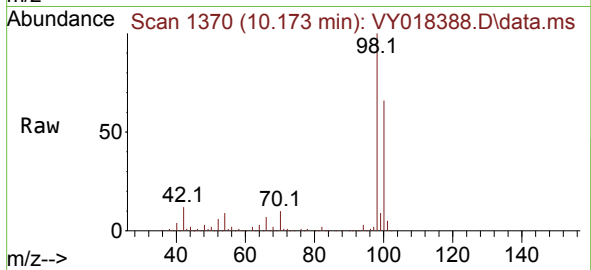




#50
Toluene-d8
Concen: 51.881 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

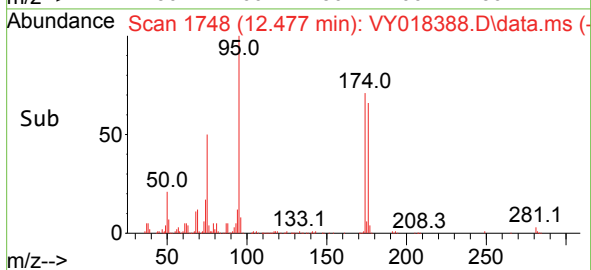
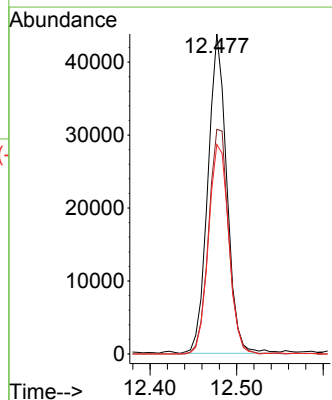
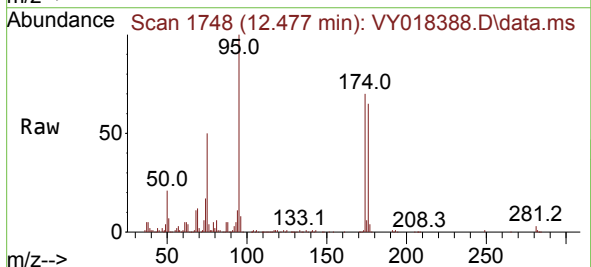
Instrument :
MSVOA_Y
ClientSampleId :

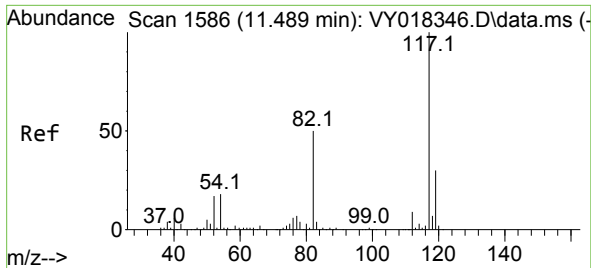
Tgt Ion: 98 Resp: 210314
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.168 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Tgt Ion: 95 Resp: 66597
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 70.0 0.0 171.4

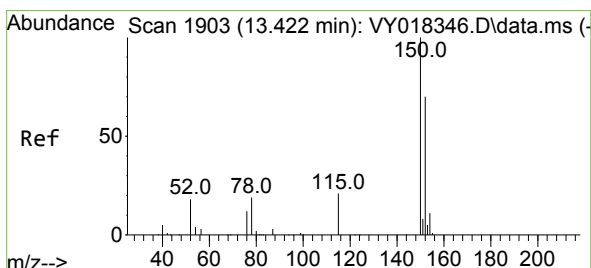
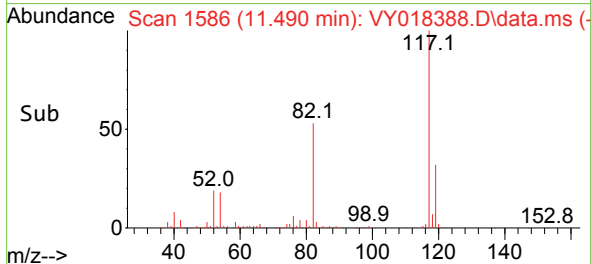
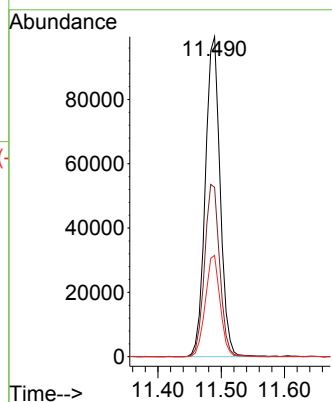
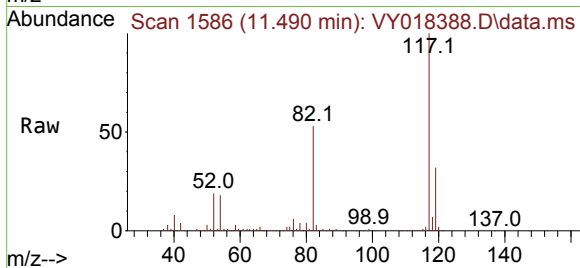




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

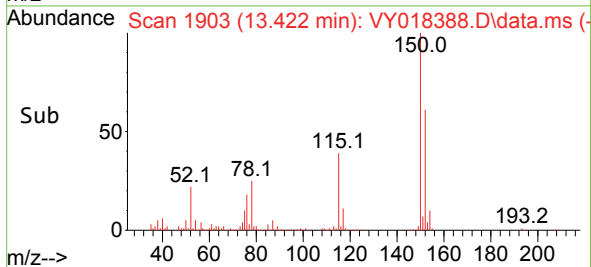
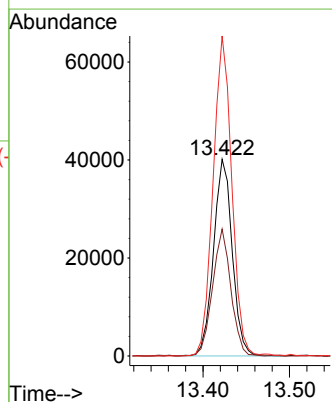
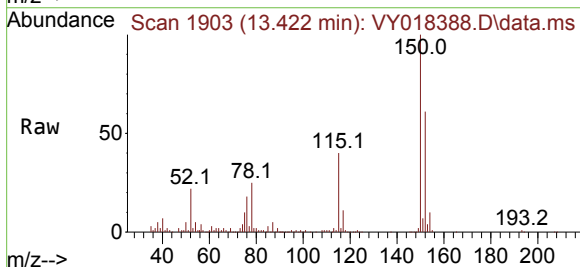
Instrument :
MSVOA_Y
ClientSampleId :

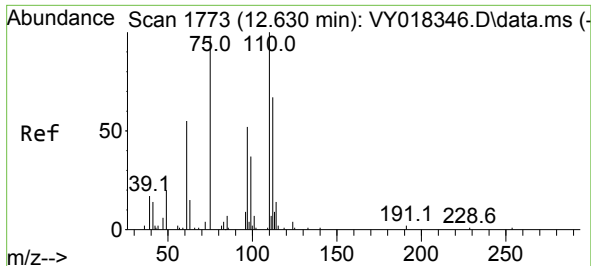
Tgt Ion:117 Resp: 162204
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Tgt Ion:152 Resp: 60419
Ion Ratio Lower Upper
152 100
115 63.1 28.2 84.7
150 162.4 0.0 345.6

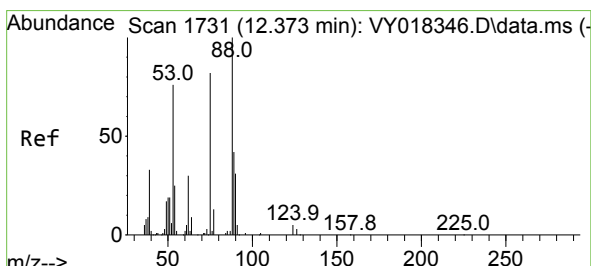
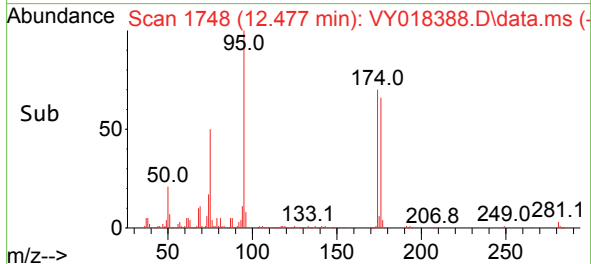
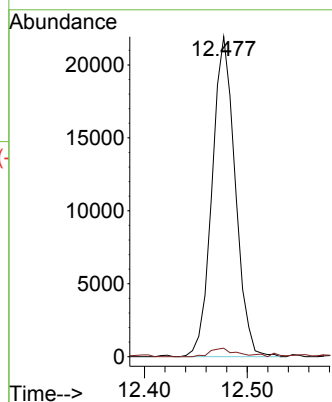
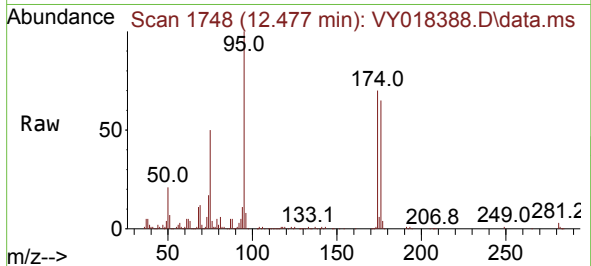




#76
1,2,3-Trichloropropane
Concen: 63.140 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34287
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.910 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018388.D
Acq: 28 May 2024 18:26

Tgt Ion: 75 Resp: 34287
Ion Ratio Lower Upper
75 100
53 0.8 66.8 100.2#
89 0.1 35.8 53.6#

