

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018408.D
 Acq On : 30 May 2024 12:41
 Operator : SY/MD
 Sample : P2637-03
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 31 01:41:02 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)

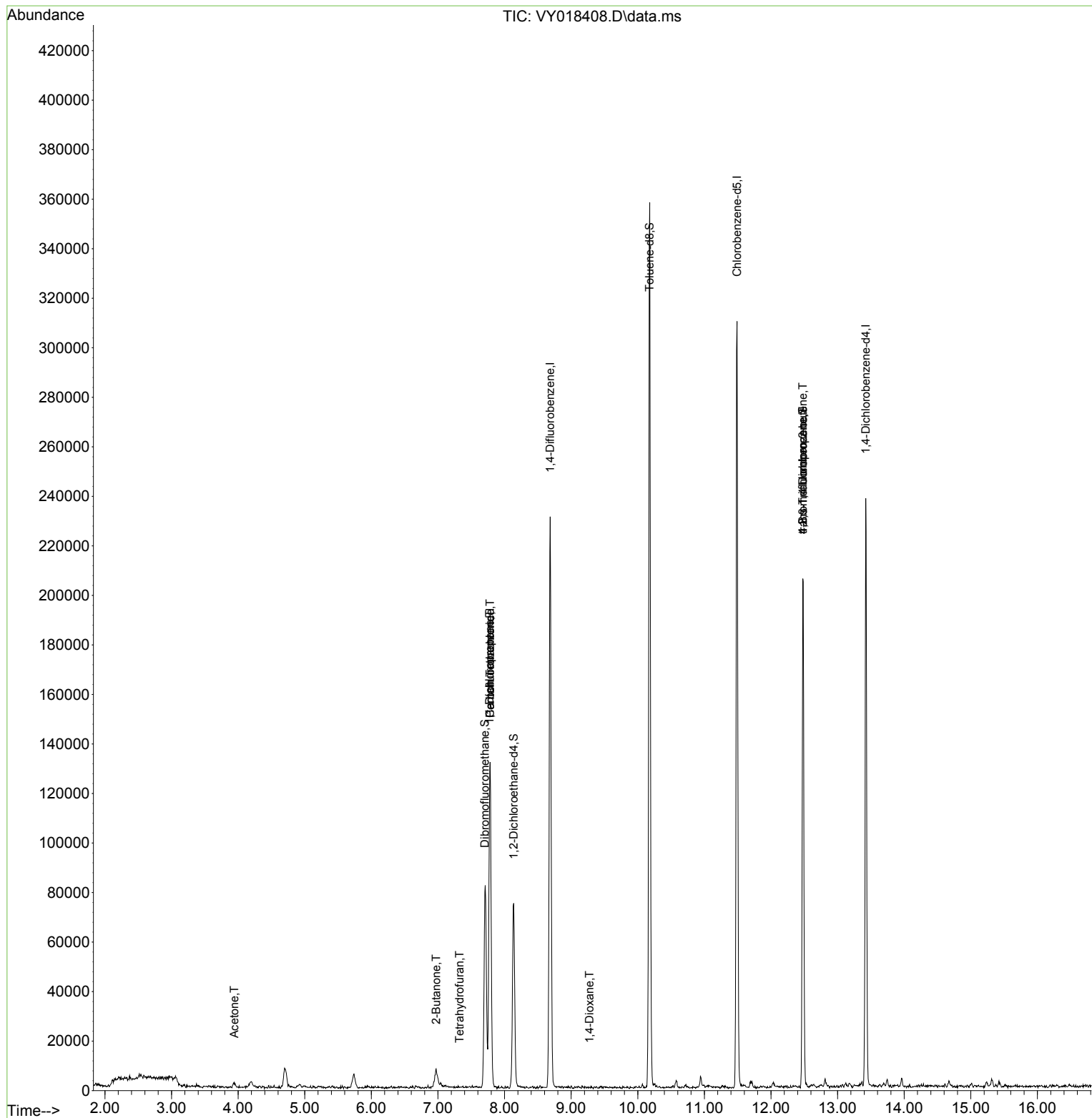
Internal Standards						
1) Pentafluorobenzene	7.783	168	97239	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	197693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55415	60.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.300%	
35) Dibromofluoromethane	7.704	113	59142	51.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.600%	
50) Toluene-d8	10.179	98	232790	51.792	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	12.477	95	64907	46.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	818	Below Cal	#	88
13) Acrolein	3.717	56	71	Below Cal	#	15
16) Acetone	3.942	43	2936	15.495	ug/l	88
25) 2-Butanone	6.972	43	477	1.589	ug/l	# 26
29) Tetrahydrofuran	7.326	42	238	1.204	ug/l	# 26
31) Cyclohexane	7.783	56	2715	Below Cal	#	53
36) 1,1-Dichloropropene	7.777	75	9234	5.523	ug/l	# 49
38) Carbon Tetrachloride	7.783	117	10151	5.928	ug/l	# 17
49) 1,4-Dioxane	9.277	88	20	2.292	ug/l	# 50
76) 1,2,3-Trichloropropane	12.477	75	35821	69.479	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	35821	142.953	ug/l	# 16

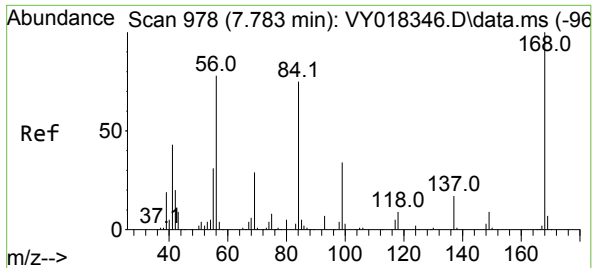
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
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Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/B
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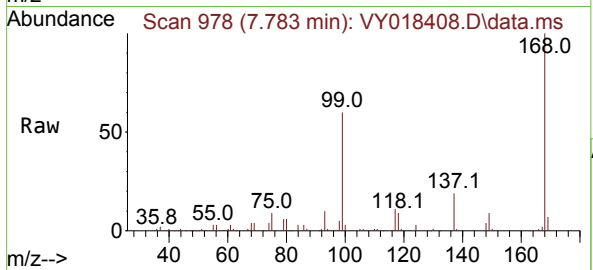
Quant Time: May 31 01:41:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration



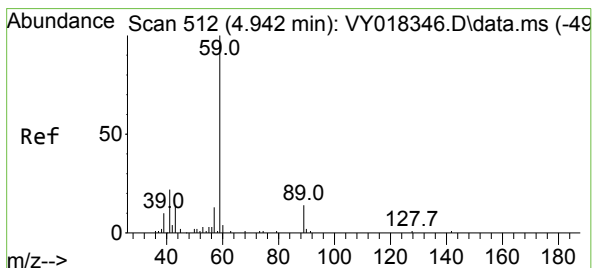
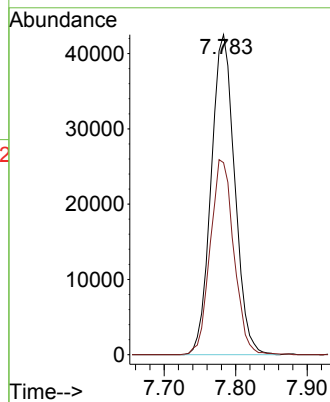
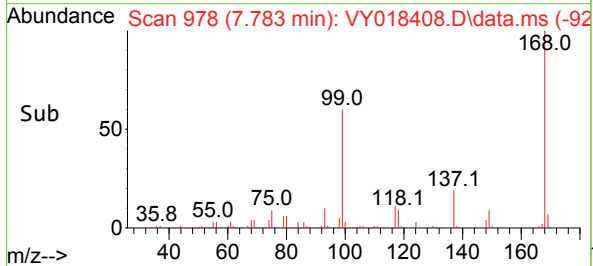


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

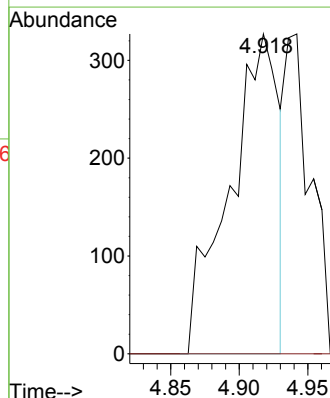
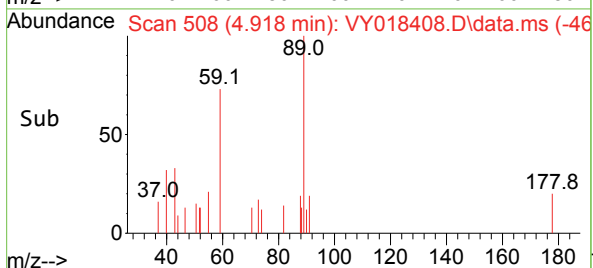
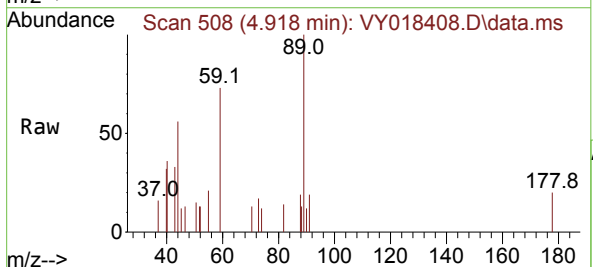


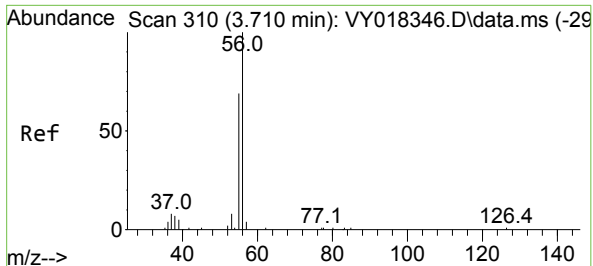
Tgt Ion:168 Resp: 97239
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.024 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion: 59 Resp: 818
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

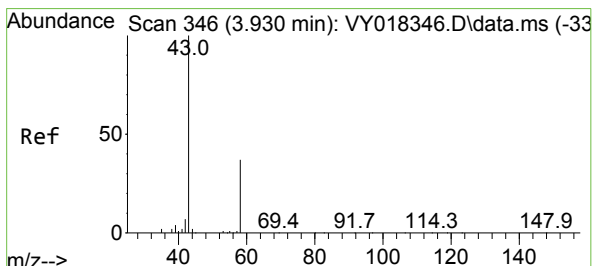
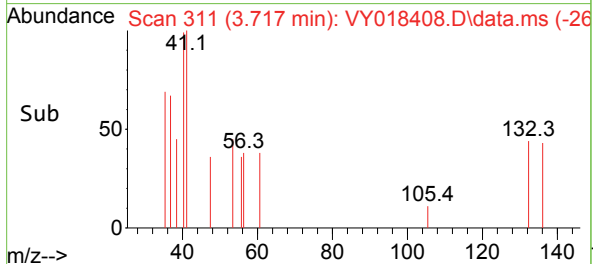
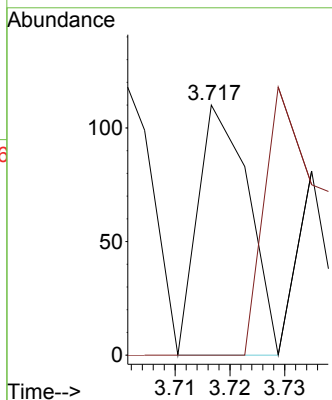
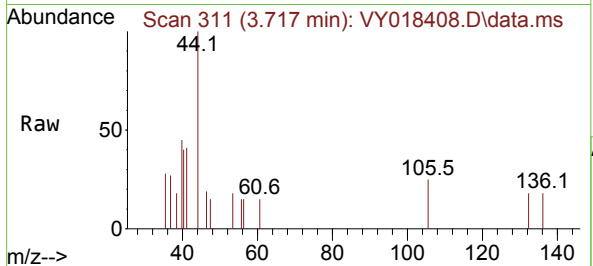




#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

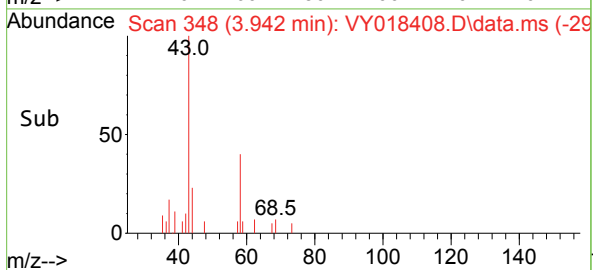
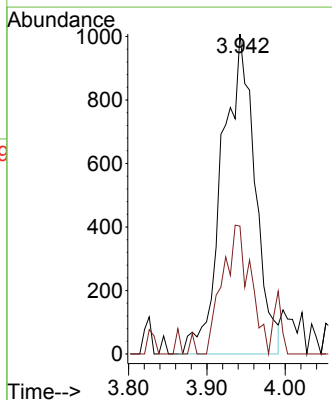
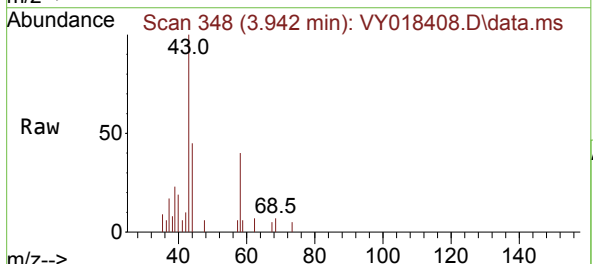
Instrument :
MSVOA_Y
ClientSampleId :

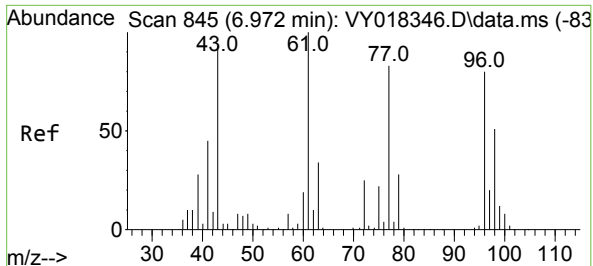
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 15.495 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion: 43 Resp: 2936
Ion Ratio Lower Upper
43 100
58 32.0 31.7 47.5

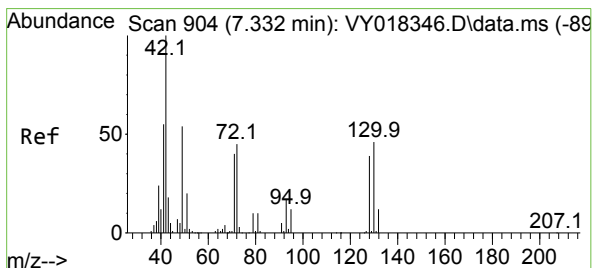
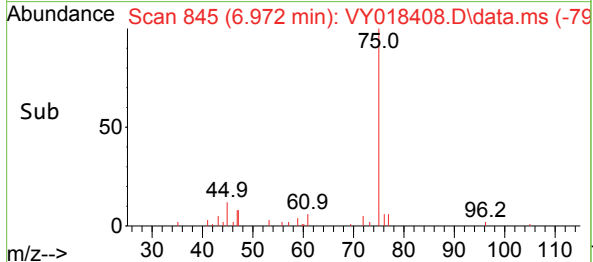
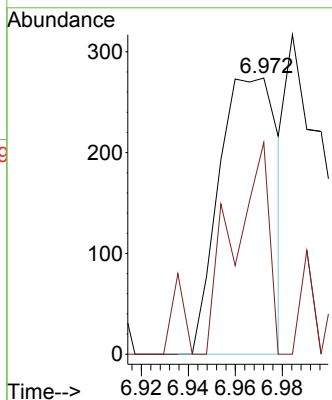
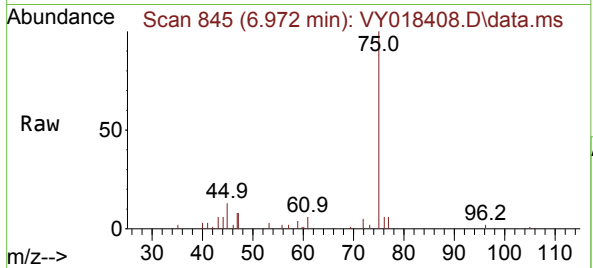




#25
2-Butanone
Concen: 1.589 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

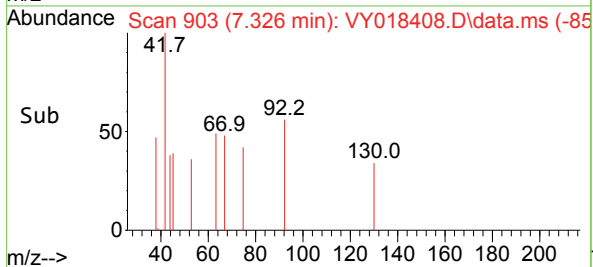
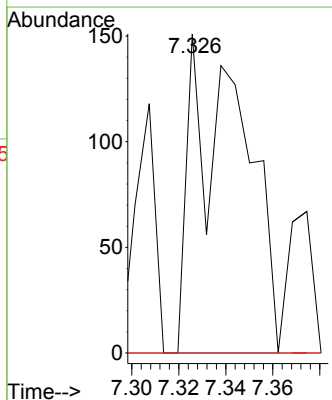
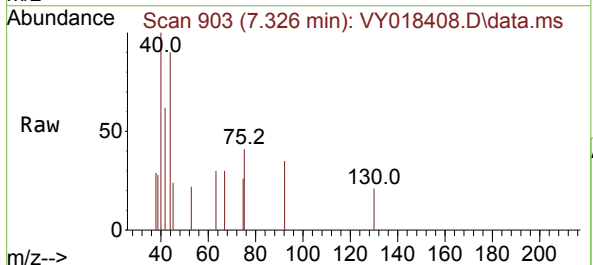
Instrument :
MSVOA_Y
ClientSampleId :

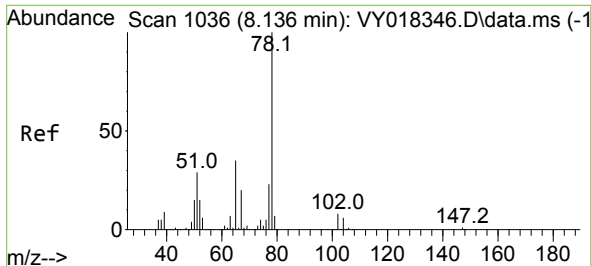
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
72 76.6 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.204 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion: 42 Resp: 238
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#

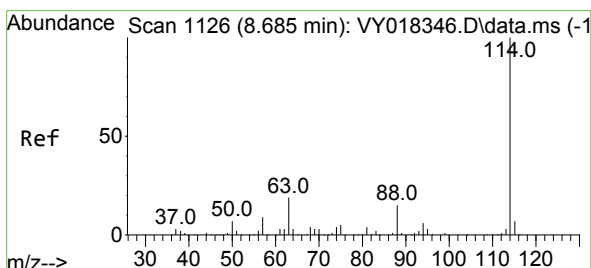
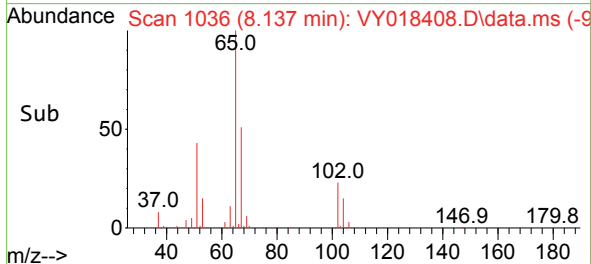
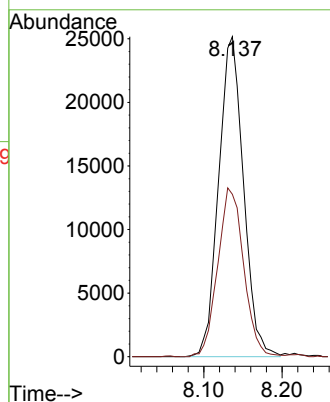
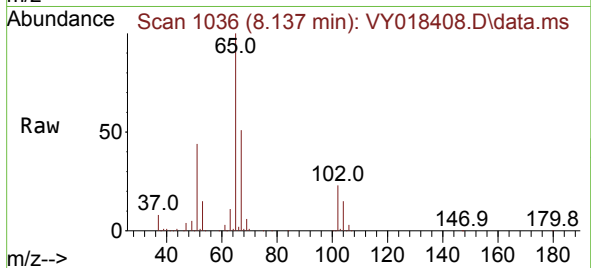




#33
1,2-Dichloroethane-d4
Concen: 60.151 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

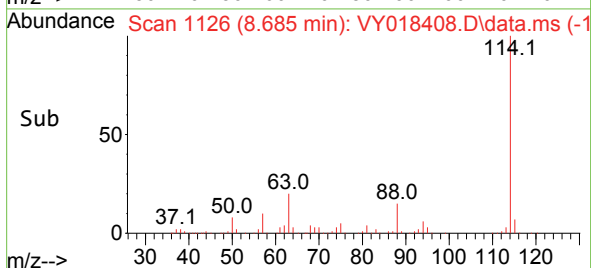
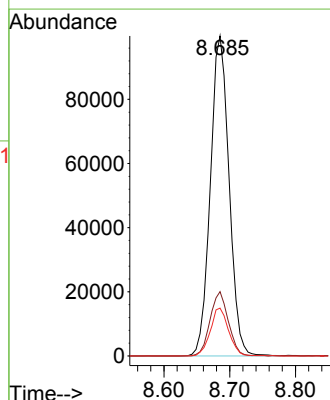
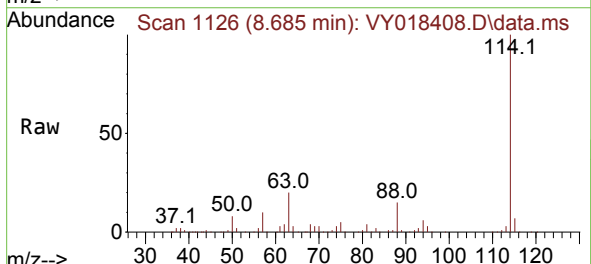
Instrument :
MSVOA_Y
ClientSampleId :

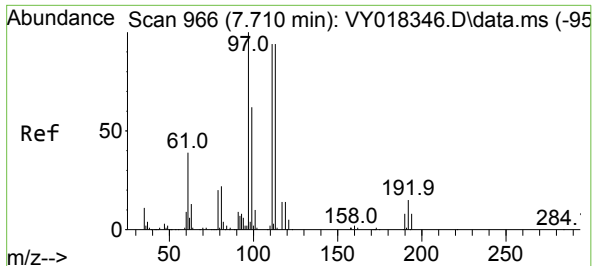
Tgt Ion: 65 Resp: 55415
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion:114 Resp: 197693
Ion Ratio Lower Upper
114 100
63 20.1 0.0 35.0
88 14.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.301 ug/l

RT: 7.704 min Scan# 91

Delta R.T. -0.006 min

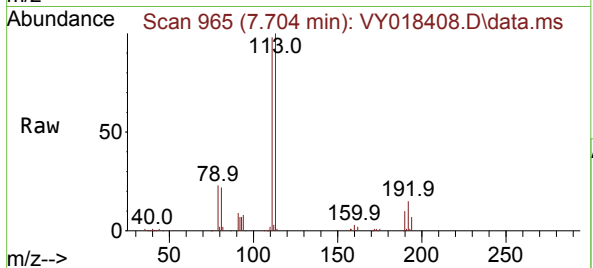
Lab File: VY018408.D

Acq: 30 May 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :



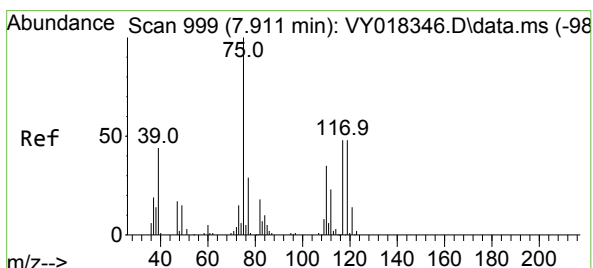
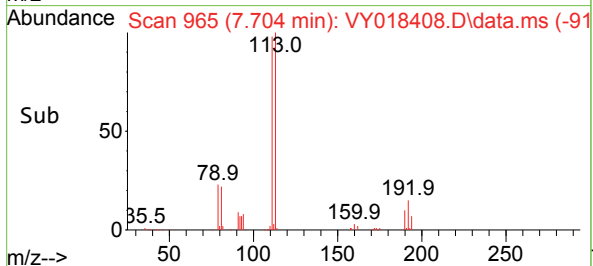
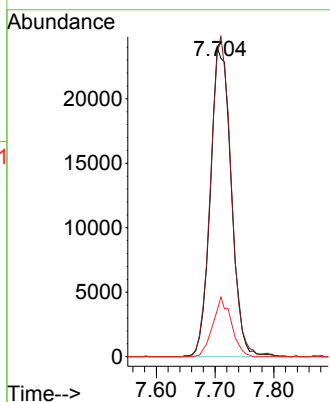
Tgt Ion:113 Resp: 59142

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 17.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.523 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.134 min

Lab File: VY018408.D

Acq: 30 May 2024 12:41

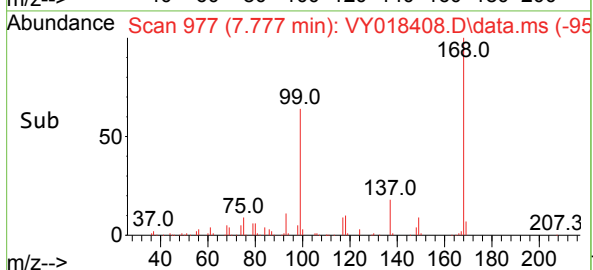
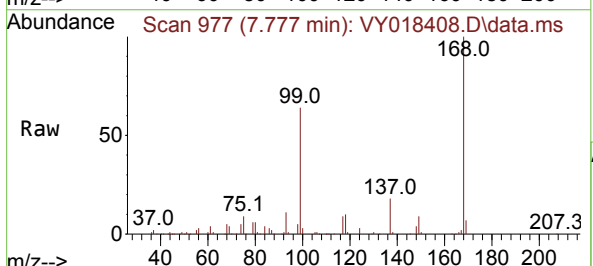
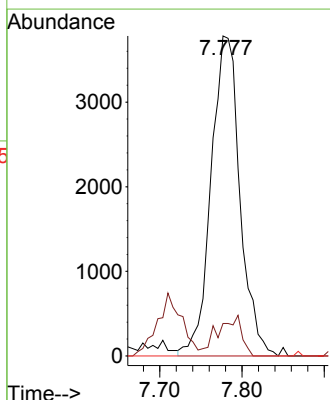
Tgt Ion: 75 Resp: 9234

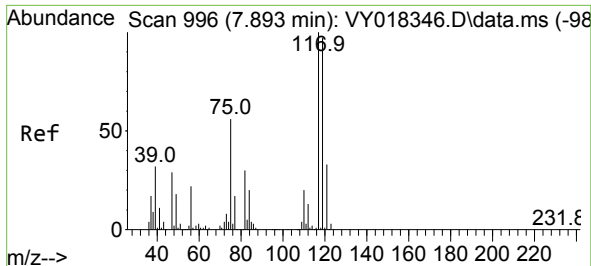
Ion Ratio Lower Upper

75 100

110 10.5 19.0 57.0#

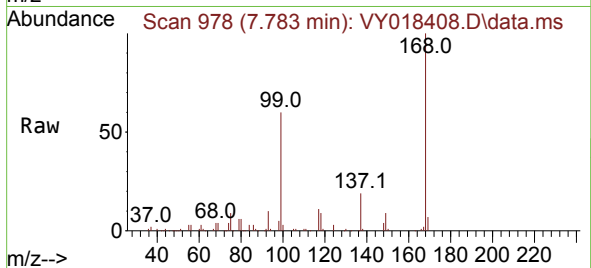
77 0.0 25.3 37.9#



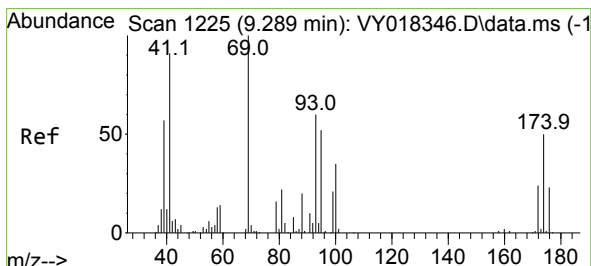
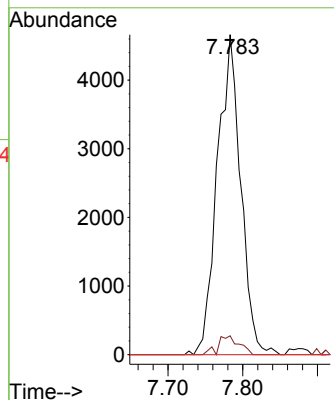
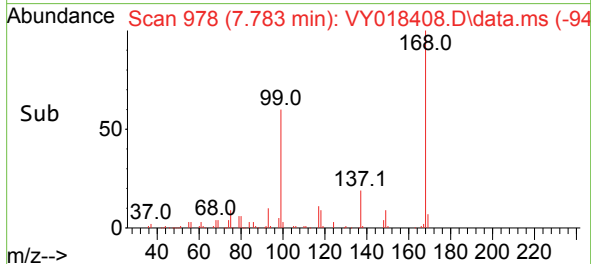


#38
Carbon Tetrachloride
Concen: 5.928 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

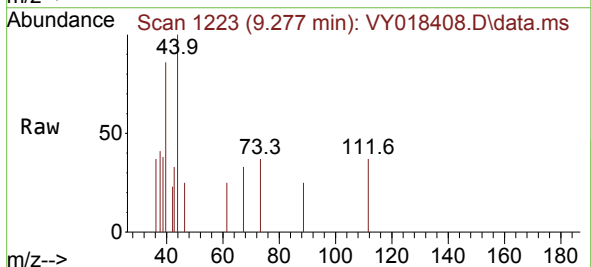
Instrument :
MSVOA_Y
ClientSampleId :



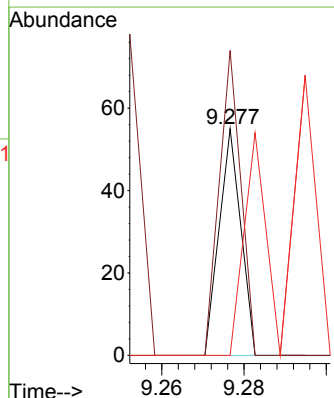
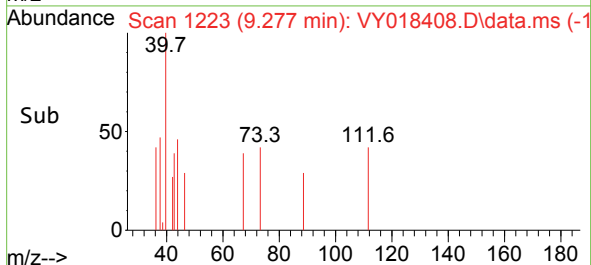
Tgt Ion: 117 Resp: 10151
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#

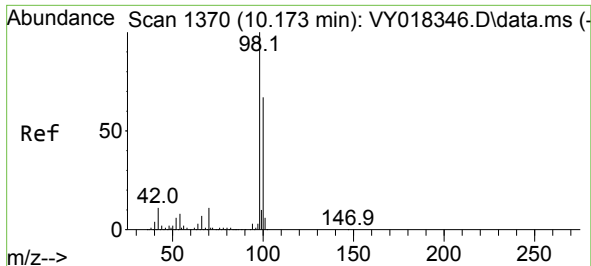


#49
1,4-Dioxane
Concen: 2.292 ug/l
RT: 9.277 min Scan# 1223
Delta R.T. -0.012 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41



Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 135.0 0.0 0.0#
58 100.0 49.3 73.9#

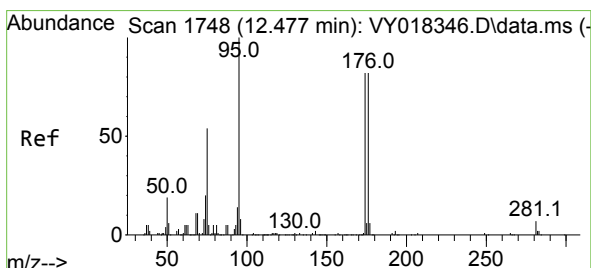
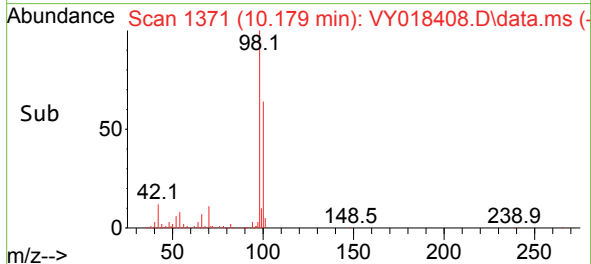
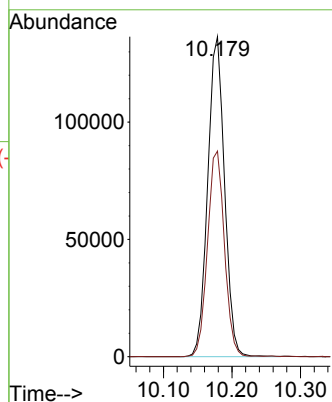
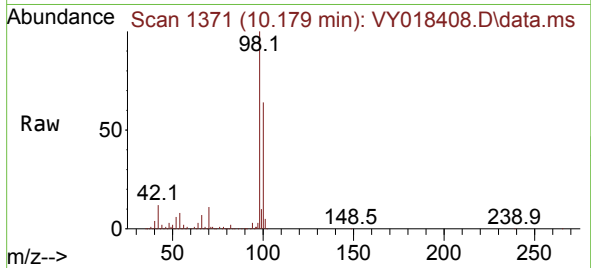




#50
Toluene-d8
Concen: 51.792 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

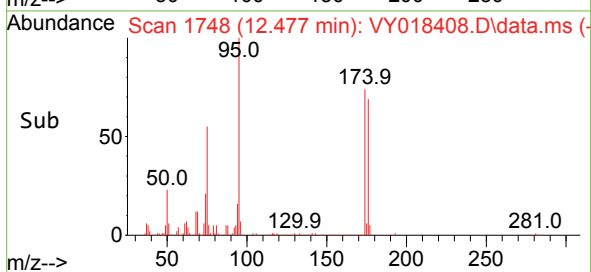
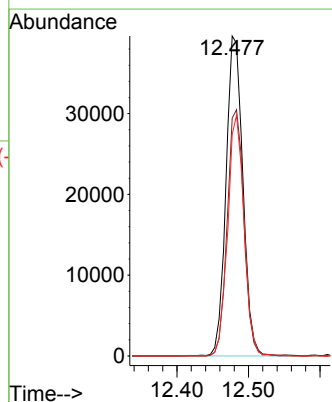
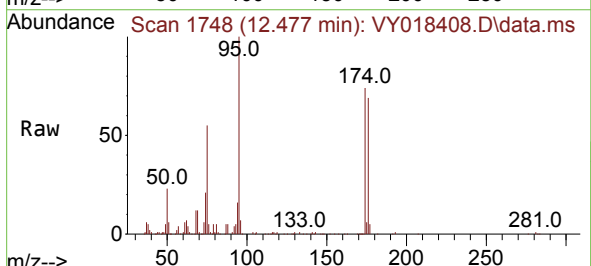
Instrument :
MSVOA_Y
ClientSampleId :

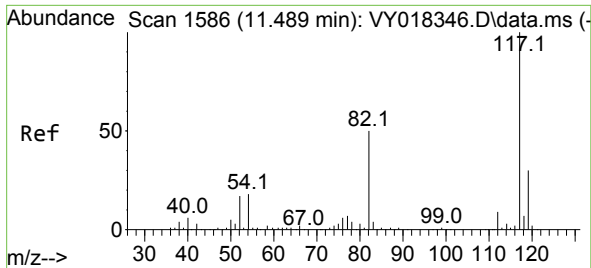
Tgt Ion: 98 Resp: 232790
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.735 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion: 95 Resp: 64907
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 73.3 0.0 171.4

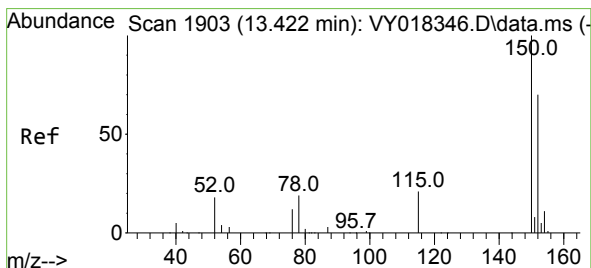
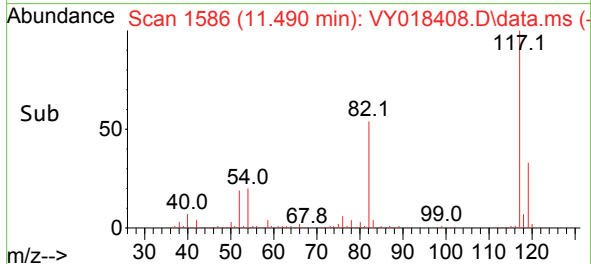
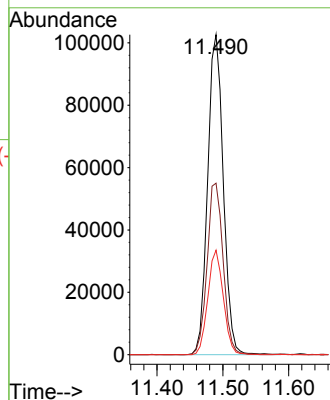
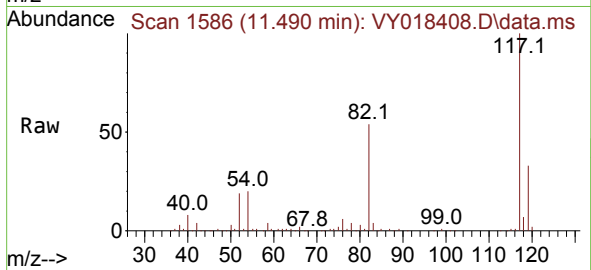




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

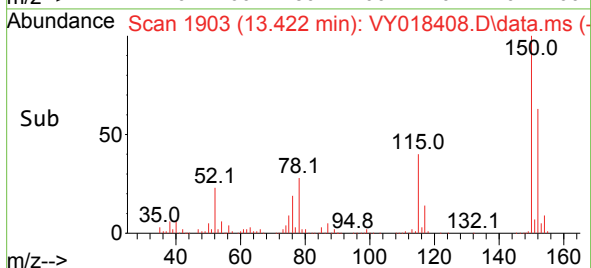
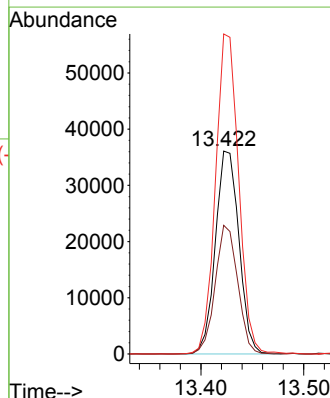
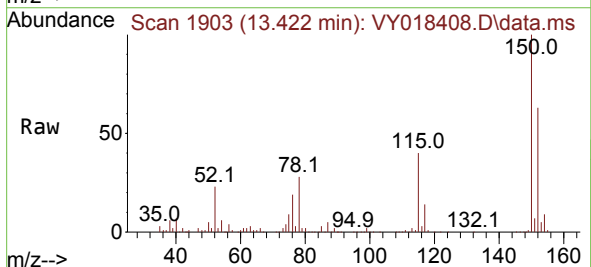
Instrument :
MSVOA_Y
ClientSampleId :

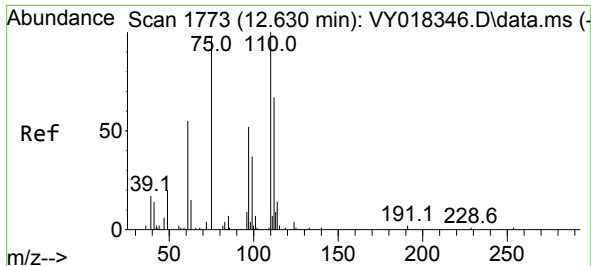
Tgt Ion:117 Resp: 169892
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion:152 Resp: 57363
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 155.1 0.0 345.6

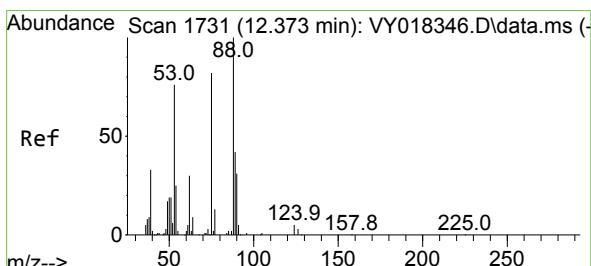
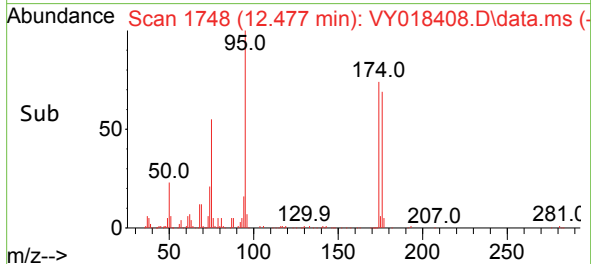
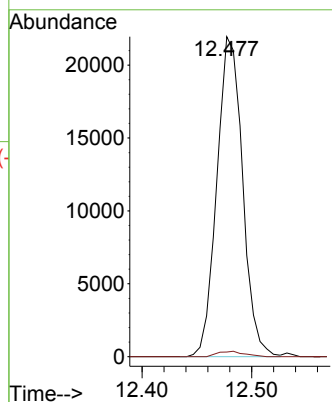
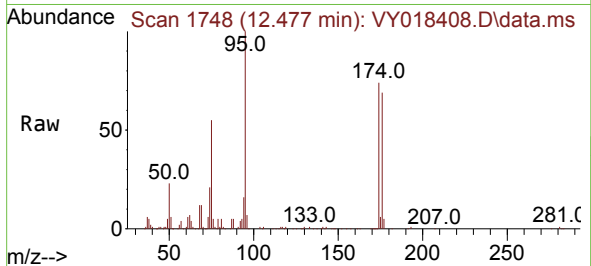




#76
1,2,3-Trichloropropane
Concen: 69.479 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35821
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.953 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018408.D
Acq: 30 May 2024 12:41

Tgt Ion: 75 Resp: 35821
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

