

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018481.D
 Acq On : 05 Jun 2024 13:46
 Operator : SY/MD
 Sample : VY0605SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 05:54:25 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)

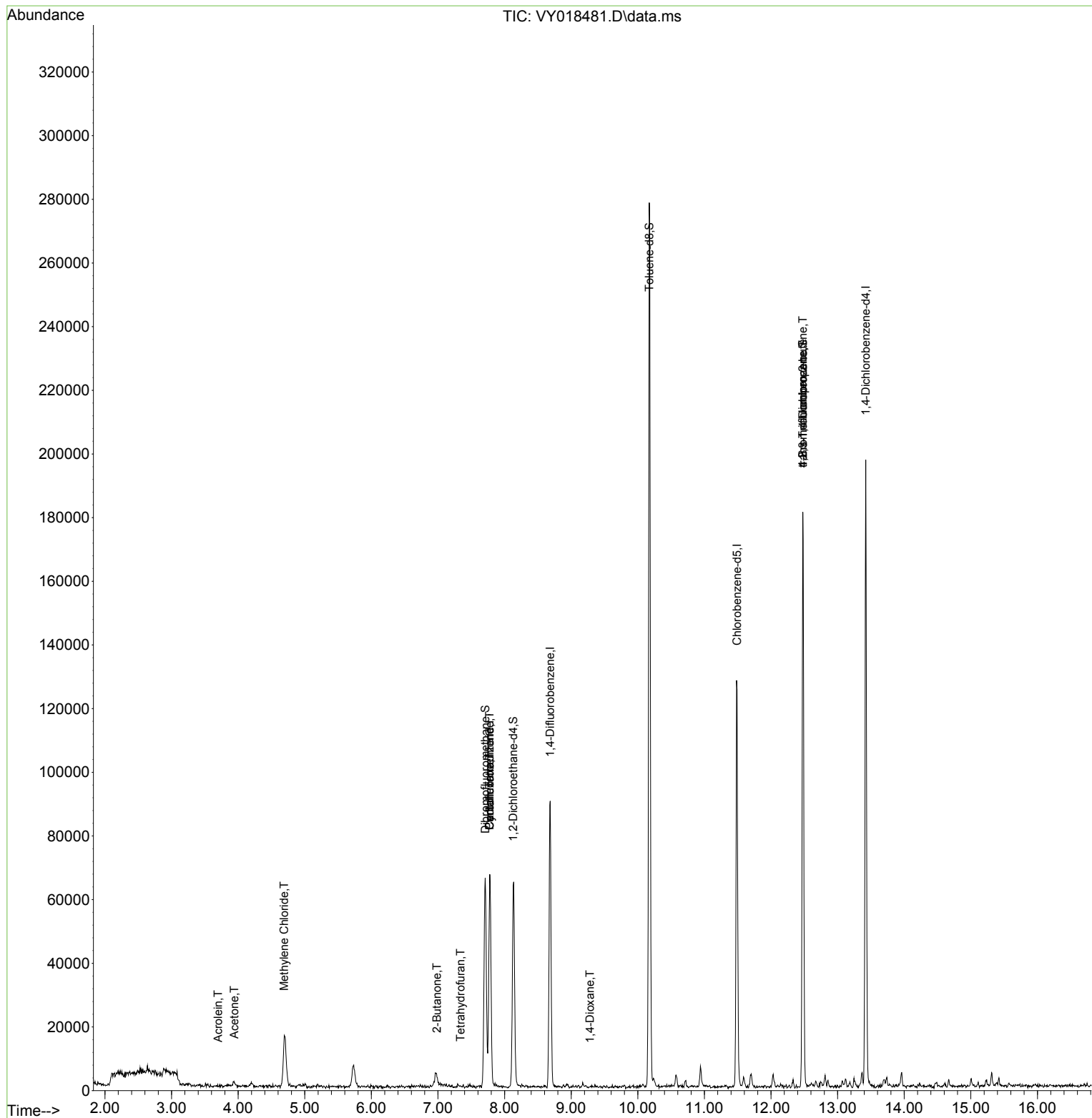
Internal Standards						
1) Pentafluorobenzene	7.777	168	46745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	75755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46989	51.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.380%	
35) Dibromofluoromethane	7.710	113	46945	48.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.740%	
50) Toluene-d8	10.173	98	181441	47.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.960%	
62) 4-Bromofluorobenzene	12.477	95	52719	44.306	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	178	Below Cal	#	18
13) Acrolein	3.698	56	210	2.235	ug/l #	15
16) Acetone	3.942	43	1978	9.708	ug/l #	82
20) Methylene Chloride	4.692	84	12076	7.780	ug/l	91
25) 2-Butanone	6.984	43	546	1.749	ug/l #	41
29) Tetrahydrofuran	7.338	42	210	1.036	ug/l #	26
31) Cyclohexane	7.777	56	1739	1.016	ug/l #	68
38) Carbon Tetrachloride	7.777	117	5502	3.748	ug/l #	18
49) 1,4-Dioxane	9.283	88	26	3.441	ug/l #	10
76) 1,2,3-Trichloropropane	12.477	75	29996	54.643	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29996	114.802	ug/l #	16

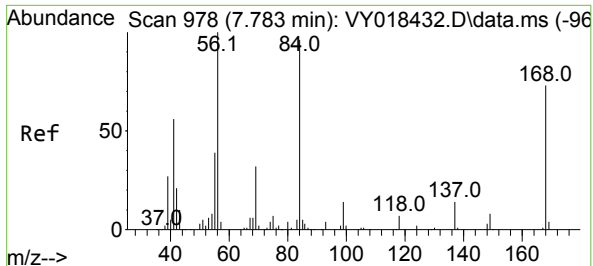
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

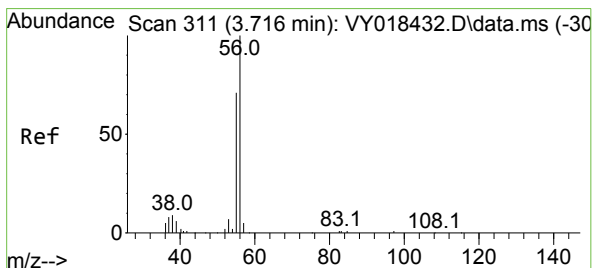
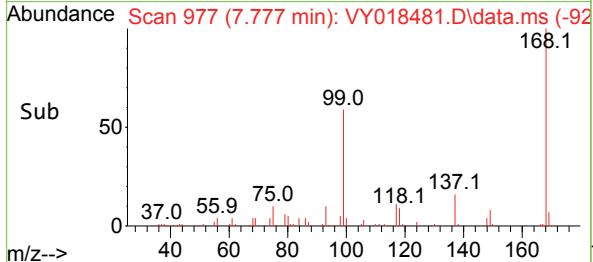
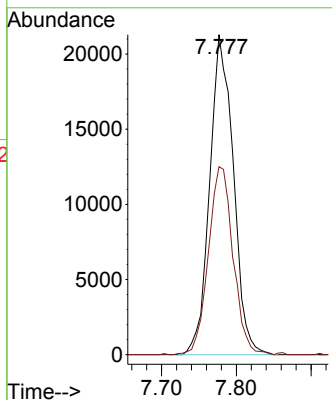
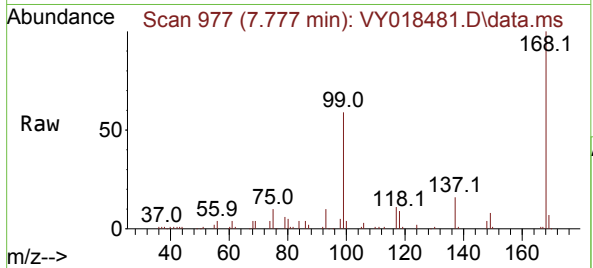




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

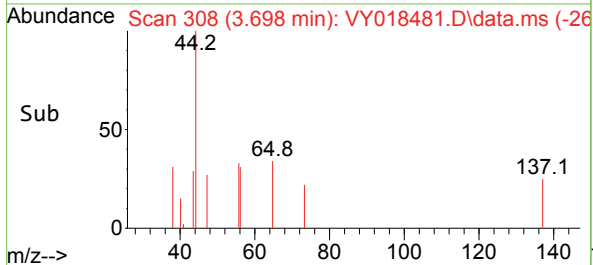
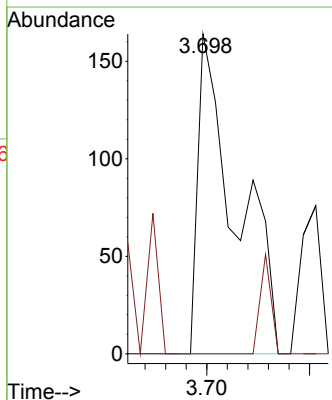
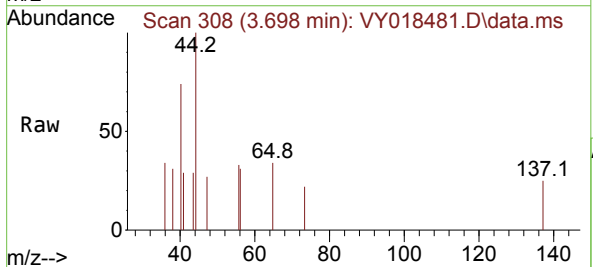
Instrument :
MSVOA_Y
ClientSampleId :

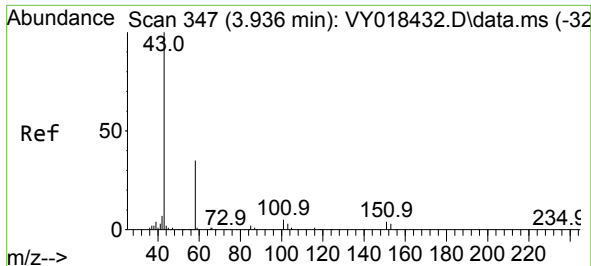
Tgt Ion:168 Resp: 46745
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#13
Acrolein
Concen: 2.235 ug/l
RT: 3.698 min Scan# 308
Delta R.T. -0.018 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 56 Resp: 210
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

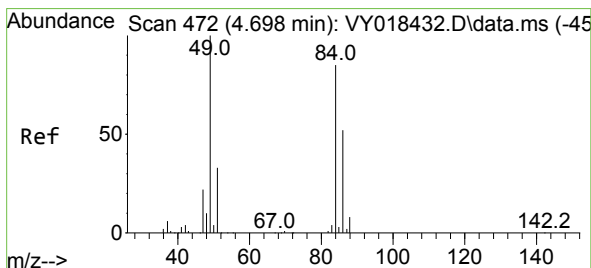
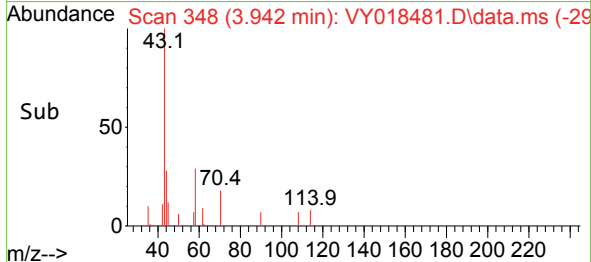
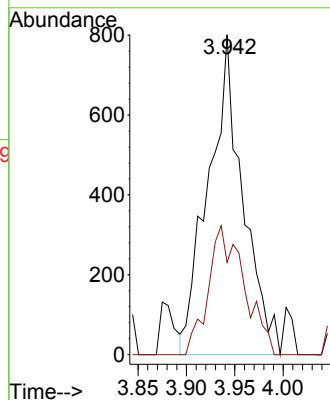
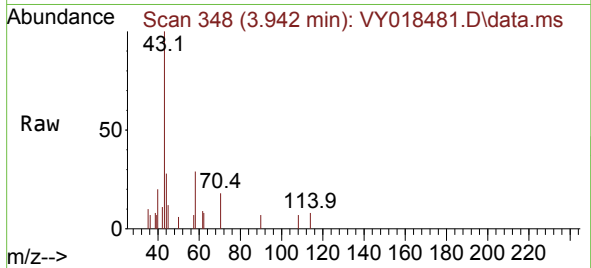




#16
Acetone
Concen: 9.708 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

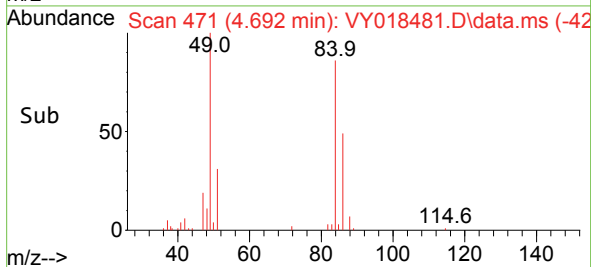
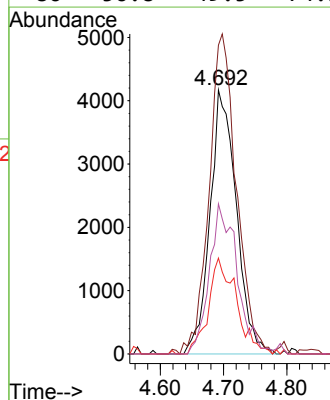
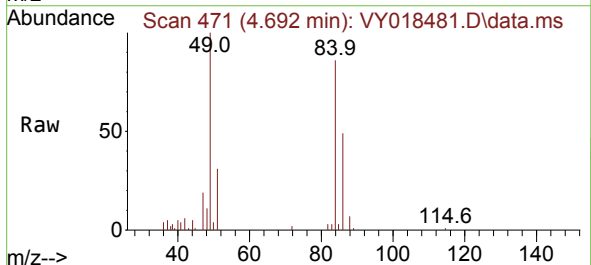
Instrument :
MSVOA_Y
ClientSampleId :

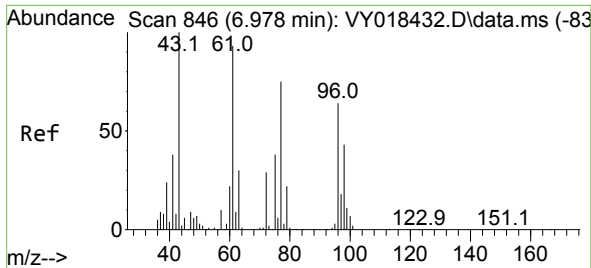
Tgt Ion: 43 Resp: 1978
Ion Ratio Lower Upper
43 100
58 28.8 31.7 47.5#



#20
Methylene Chloride
Concen: 7.780 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 84 Resp: 12076
Ion Ratio Lower Upper
84 100
49 116.9 84.4 126.6
51 36.3 26.0 39.0
86 56.8 49.5 74.3

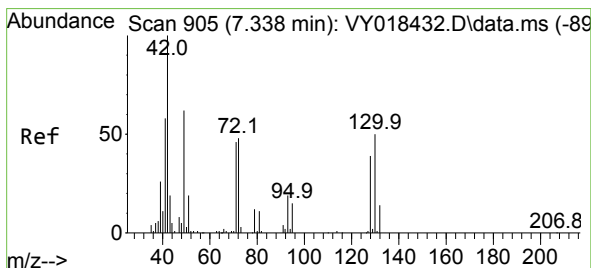
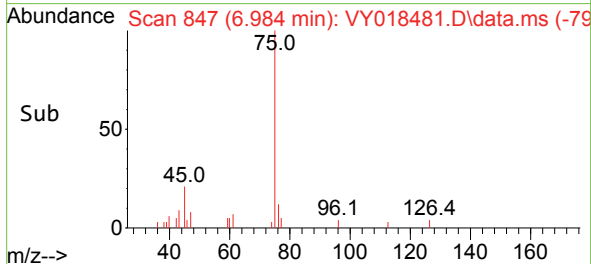
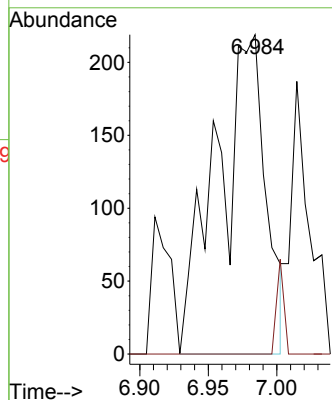
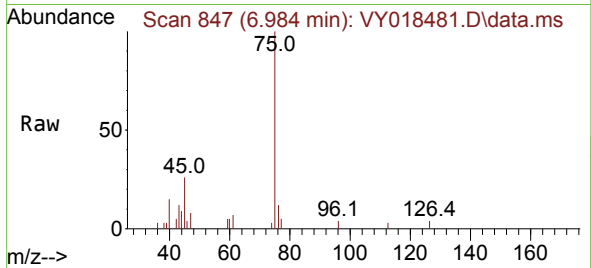




#25
2-Butanone
Concen: 1.749 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

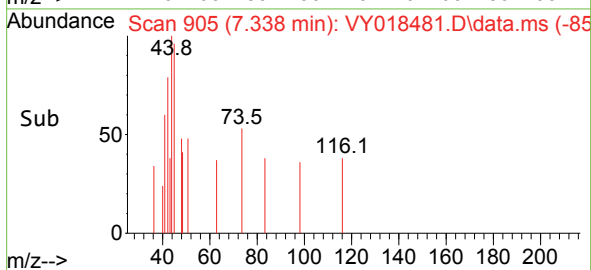
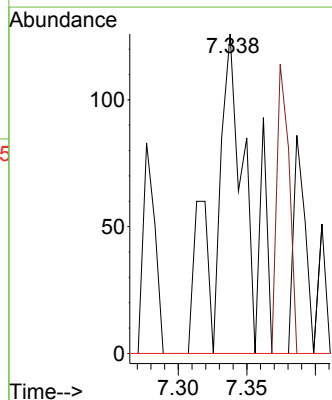
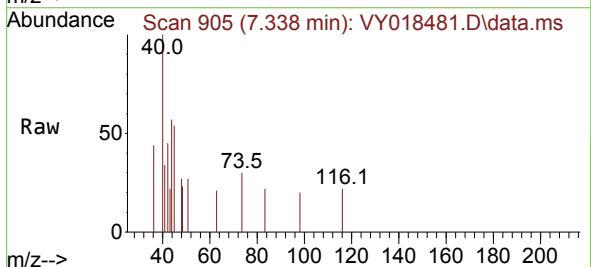
Instrument :
MSVOA_Y
ClientSampleId :

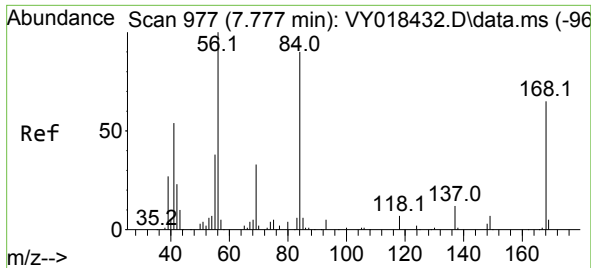
Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.036 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

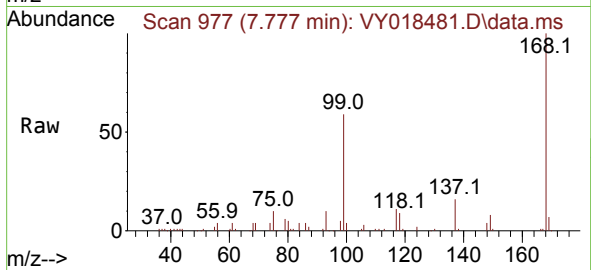
Tgt Ion: 42 Resp: 210
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#



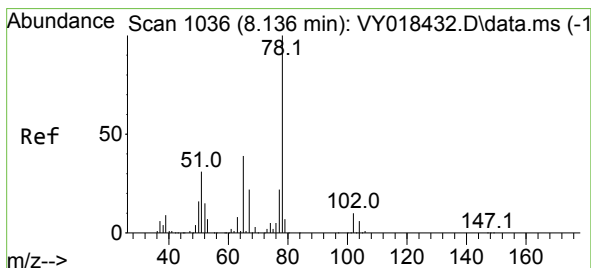
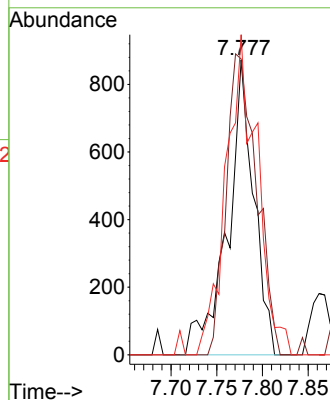
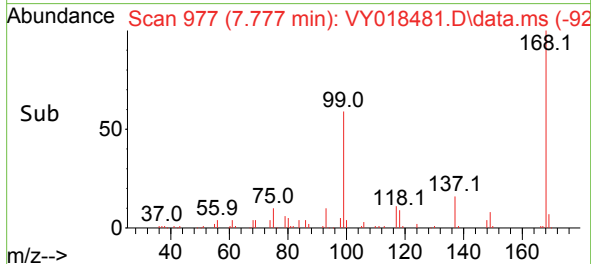


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Instrument :
MSVOA_Y
ClientSampleId :

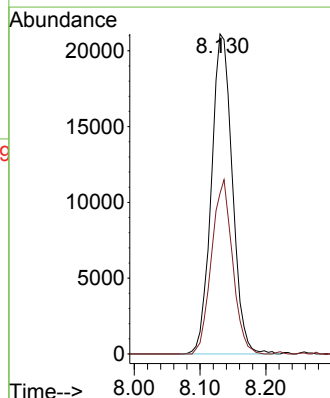
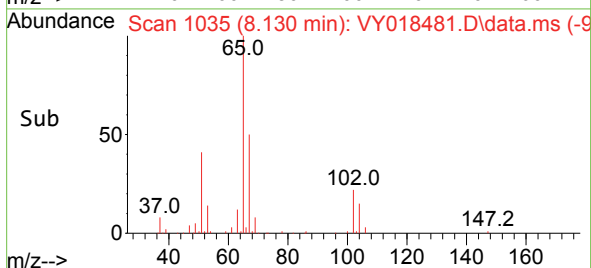
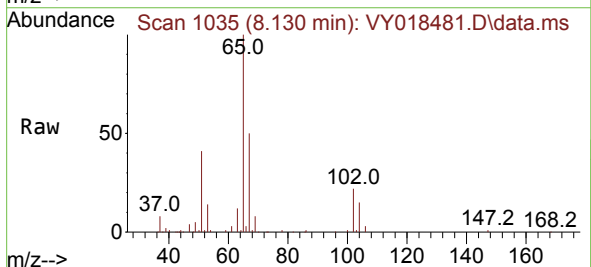


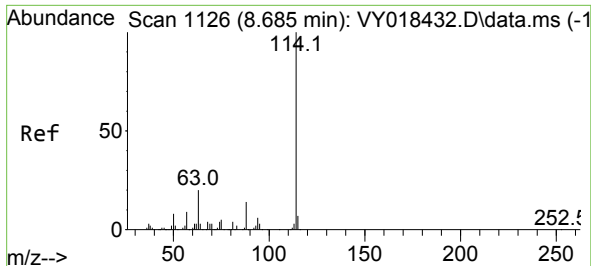
Tgt Ion: 56 Resp: 1739
Ion Ratio Lower Upper
56 100
69 100.3 28.7 43.1#
84 100.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.186 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 65 Resp: 46989
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

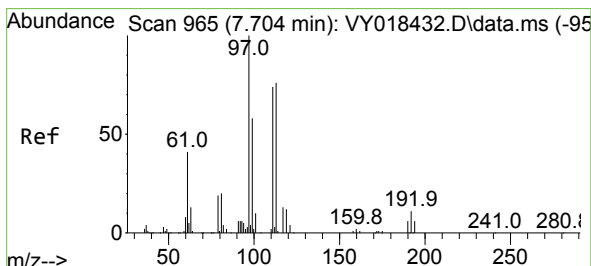
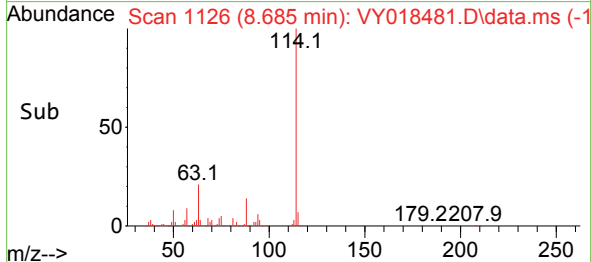
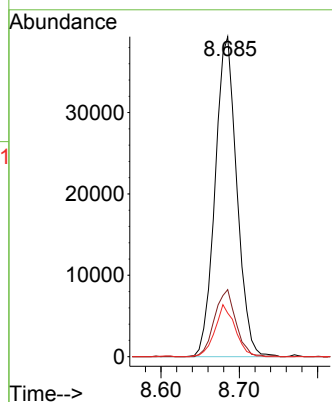
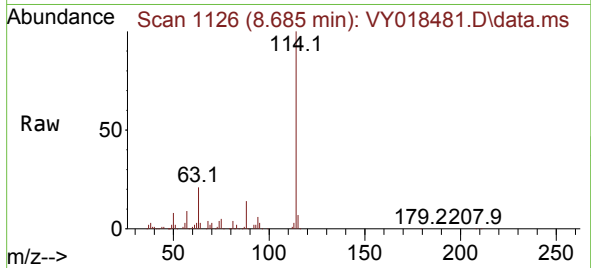




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

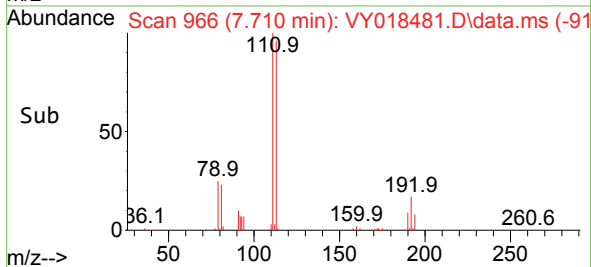
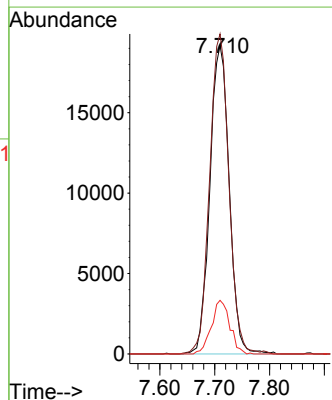
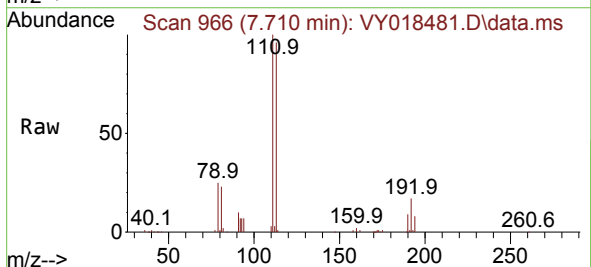
Instrument :
MSVOA_Y
ClientSampleId :

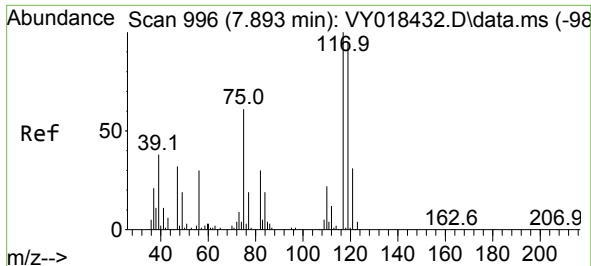
Tgt Ion:114 Resp: 75755
Ion Ratio Lower Upper
114 100
63 20.9 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.869 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

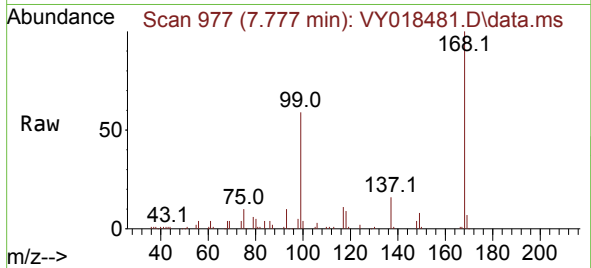
Tgt Ion:113 Resp: 46945
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.6 15.9 23.9



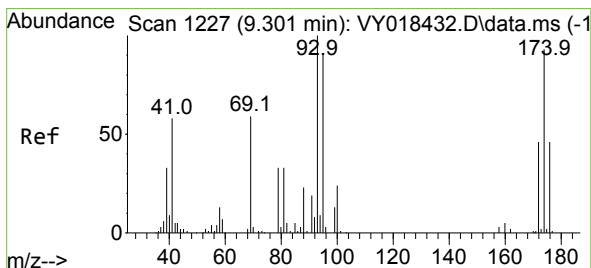
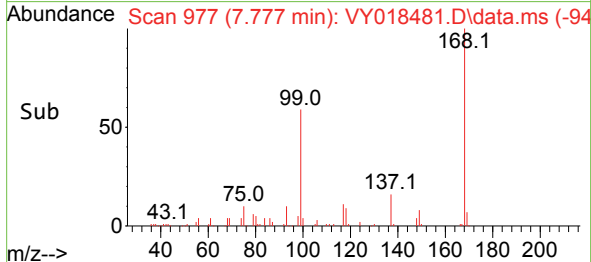
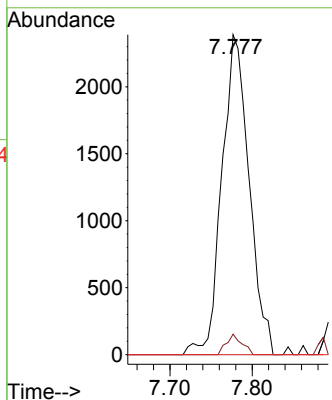


#38
Carbon Tetrachloride
Concen: 3.748 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Instrument :
MSVOA_Y
ClientSampleId :

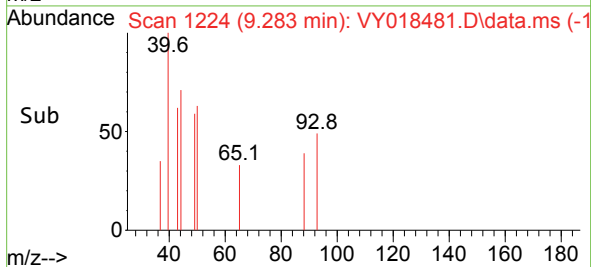
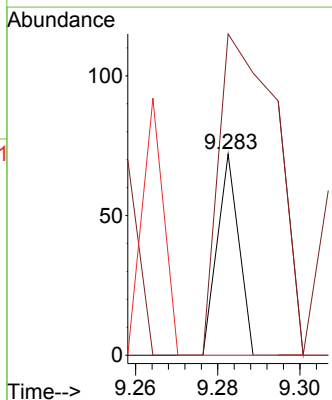
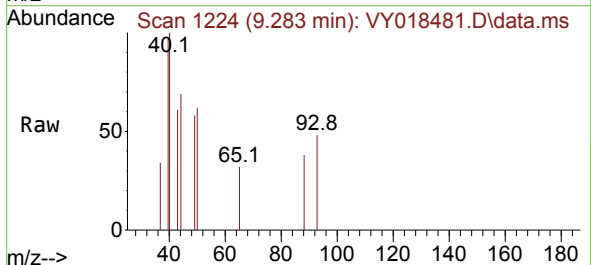


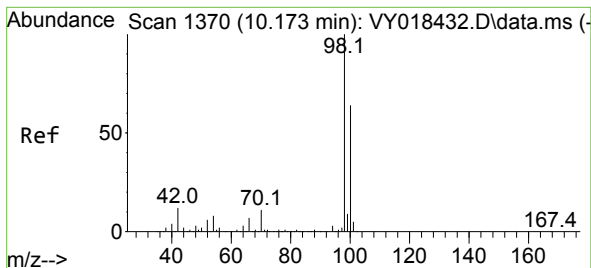
Tgt Ion:117 Resp: 5502
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.441 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 515.4 0.0 0.0#
58 130.8 49.3 73.9#

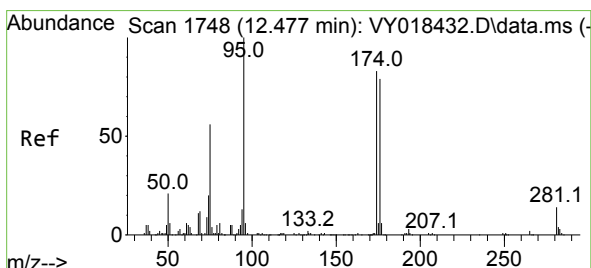
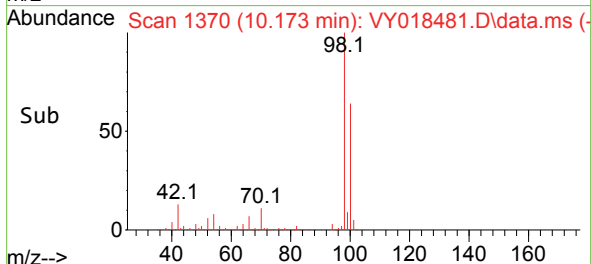
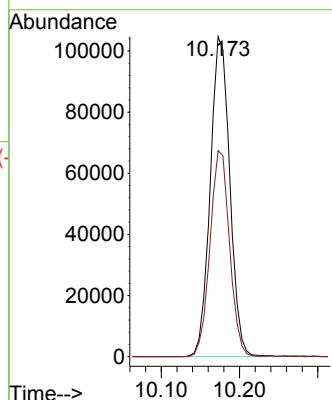
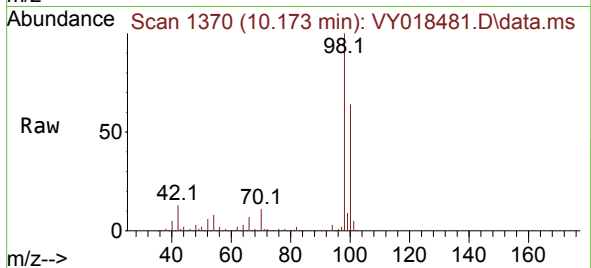




#50
Toluene-d8
Concen: 47.478 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

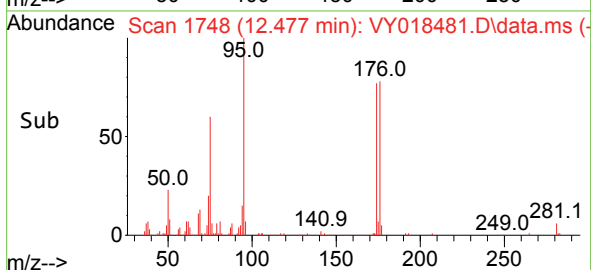
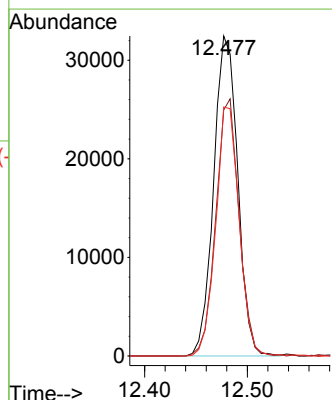
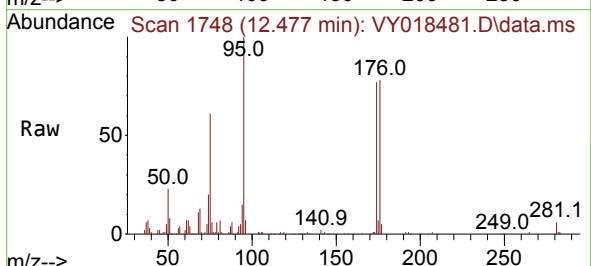
Instrument :
MSVOA_Y
ClientSampleId :

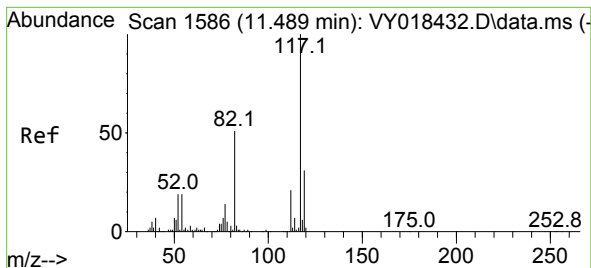
Tgt Ion: 98 Resp: 181441
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.306 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 95 Resp: 52719
Ion Ratio Lower Upper
95 100
174 77.8 0.0 175.6
176 75.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

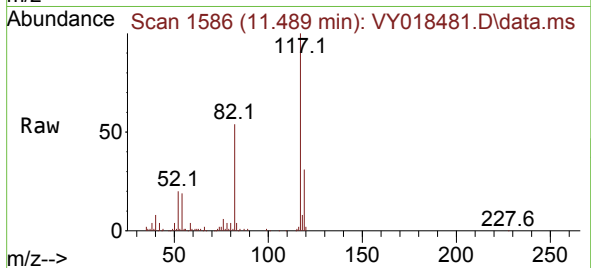
Lab File: VY018481.D

Acq: 05 Jun 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :



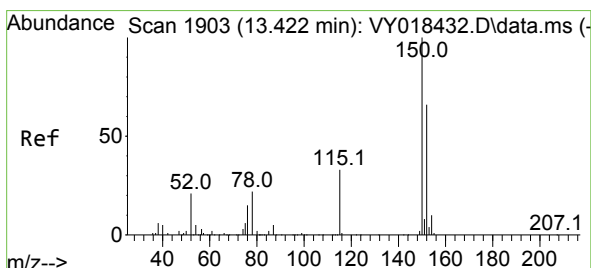
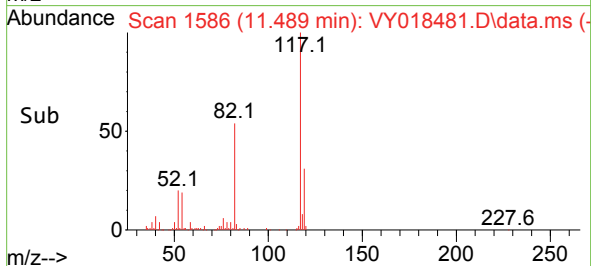
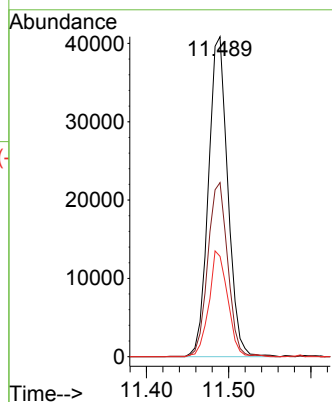
Tgt Ion:117 Resp: 66837

Ion Ratio Lower Upper

117 100

82 54.4 42.4 63.6

119 31.4 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: VY018481.D

Acq: 05 Jun 2024 13:46

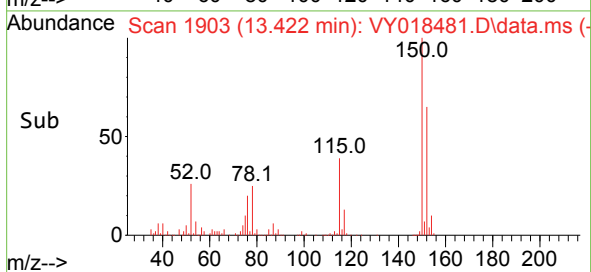
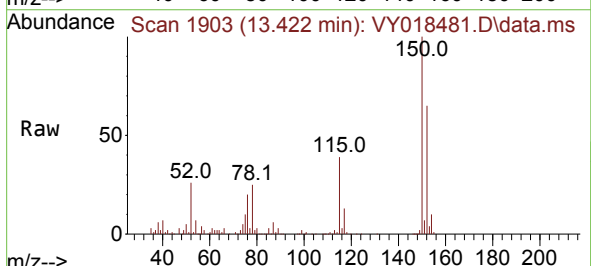
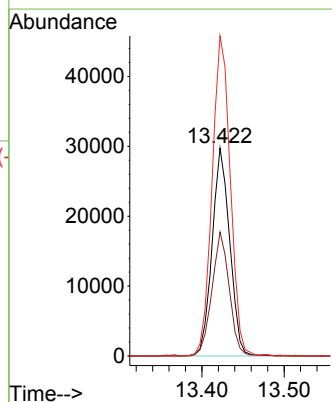
Tgt Ion:152 Resp: 44269

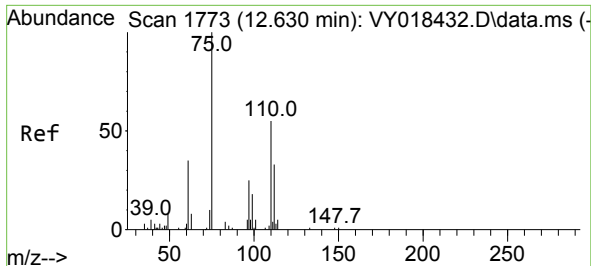
Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 159.2 0.0 345.6

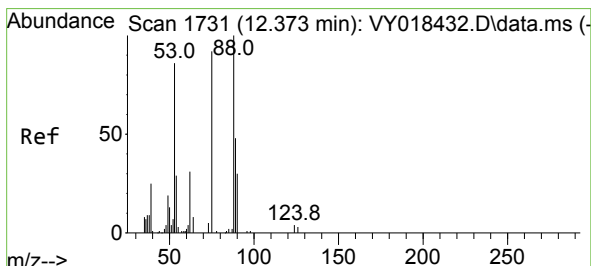
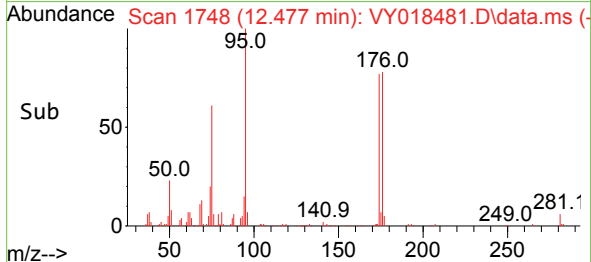
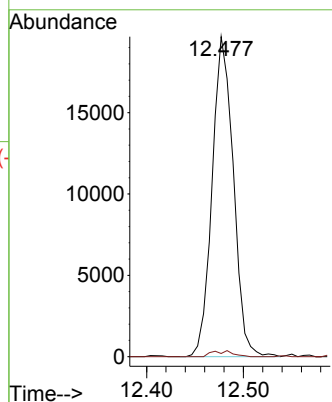
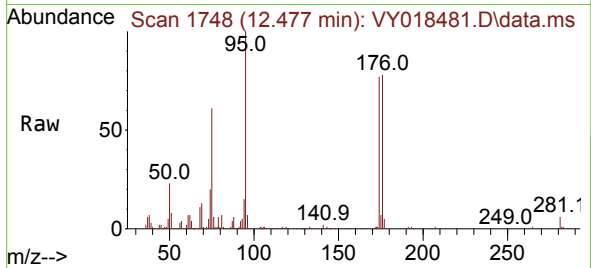




#76
1,2,3-Trichloropropane
Concen: 54.643 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29996
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.802 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018481.D
Acq: 05 Jun 2024 13:46

Tgt Ion: 75 Resp: 29996
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.2 35.8 53.6#

