

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018230.D
 Acq On : 10 May 2024 13:44
 Operator : SY/MD
 Sample : P2432-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 01:00:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

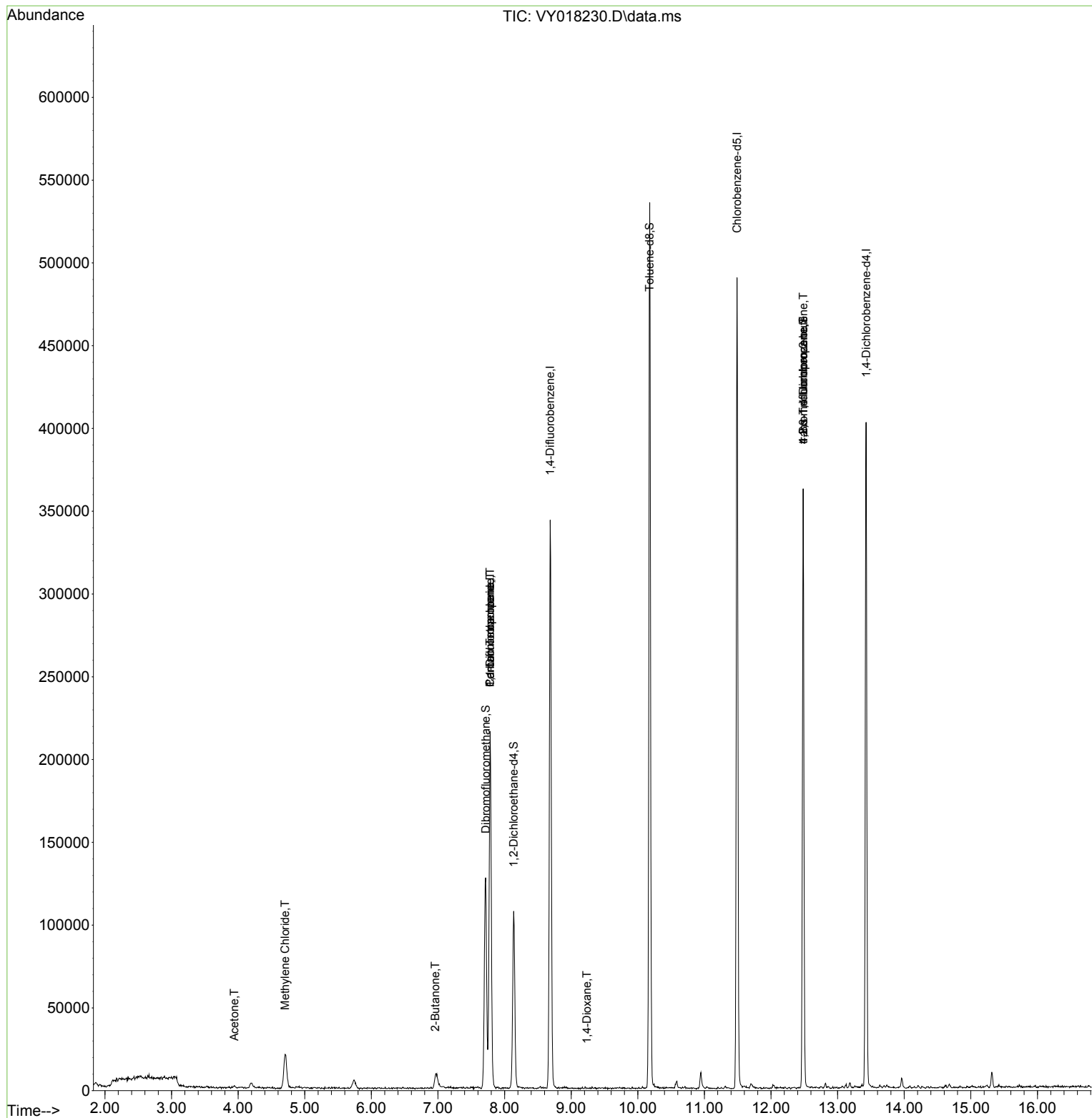
Internal Standards						
1) Pentafluorobenzene	7.783	168	168555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76748	61.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.780%	
35) Dibromofluoromethane	7.716	113	91882	55.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.140%	
50) Toluene-d8	10.179	98	356126	54.662	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.320%	
62) 4-Bromofluorobenzene	12.483	95	109192	51.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	243	Below Cal	#	88
13) Acrolein	3.735	56	194	Below Cal	#	47
16) Acetone	3.942	43	1427	5.767	ug/l #	75
20) Methylene Chloride	4.704	84	16803	9.607	ug/l	98
25) 2-Butanone	6.960	43	593	1.499	ug/l #	41
31) Cyclohexane	7.783	56	3569	Below Cal	#	25
36) 1,1-Dichloropropene	7.783	75	12406	5.234	ug/l #	49
38) Carbon Tetrachloride	7.783	117	15681	6.055	ug/l #	17
49) 1,4-Dioxane	9.234	88	50	3.931	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	53682	62.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53682	120.349	ug/l #	16

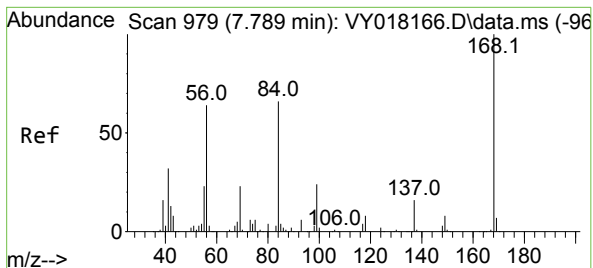
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
Data File : VY018230.D
Acq On : 10 May 2024 13:44
Operator : SY/MD
Sample : P2432-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 11 01:00:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

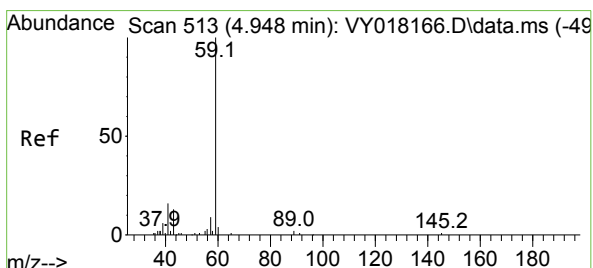
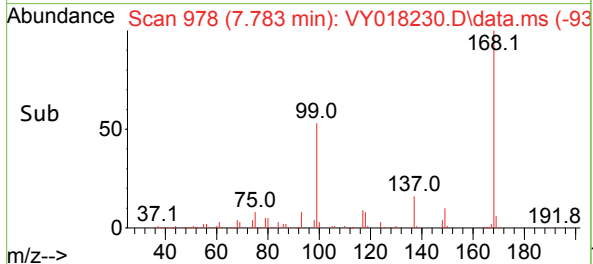
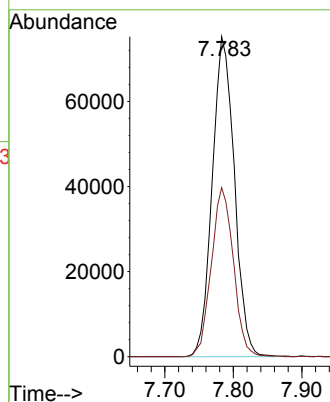
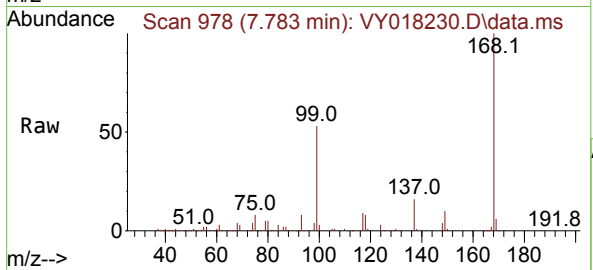




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

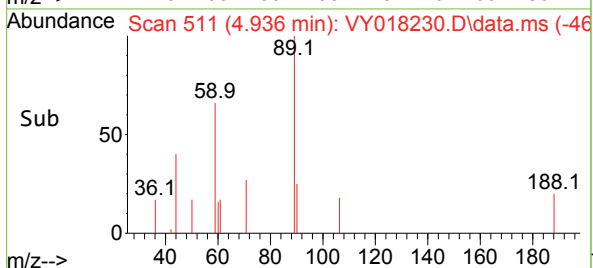
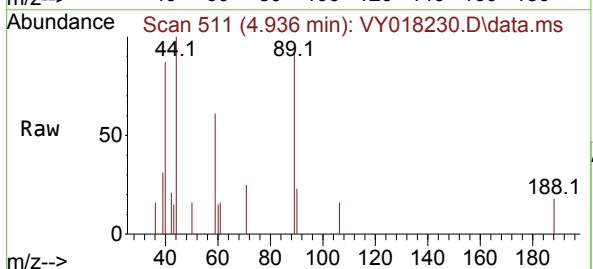
Instrument :
MSVOA_Y
ClientSampleId :

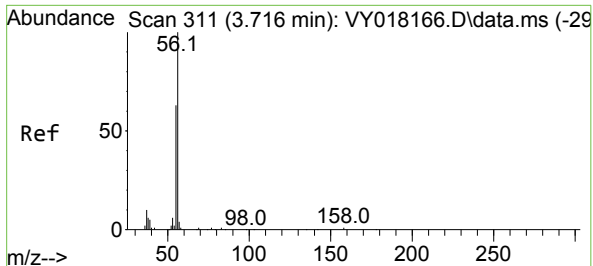
Tgt Ion:168 Resp: 168555
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

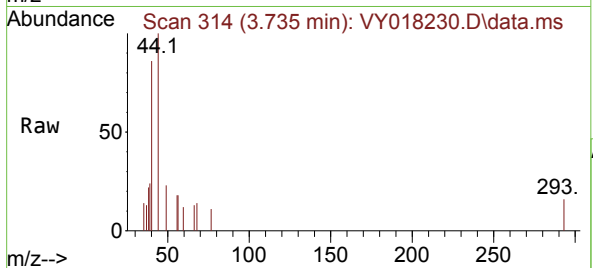
Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



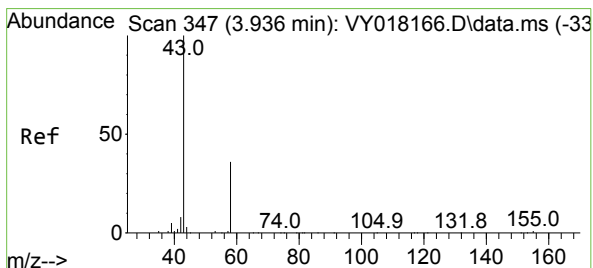
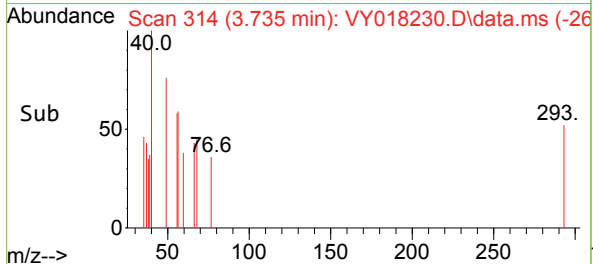
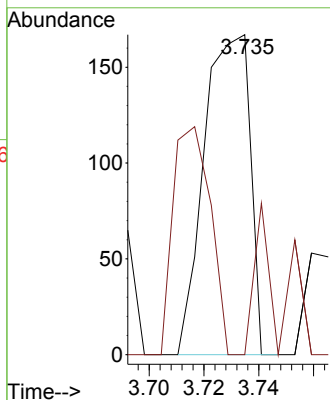


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 311
Delta R.T. 0.019 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :

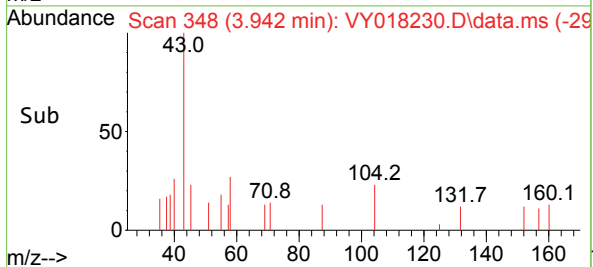
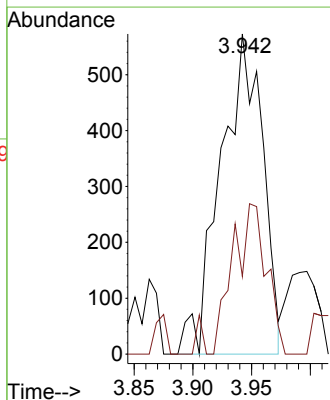
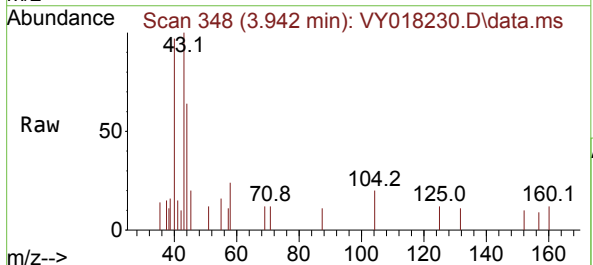


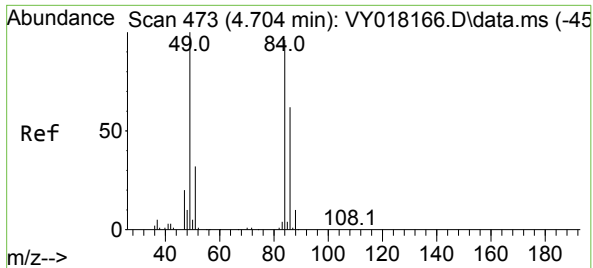
Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 26.3 55.7 83.5#



#16
Acetone
Concen: 5.767 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 24.3 31.7 47.5#

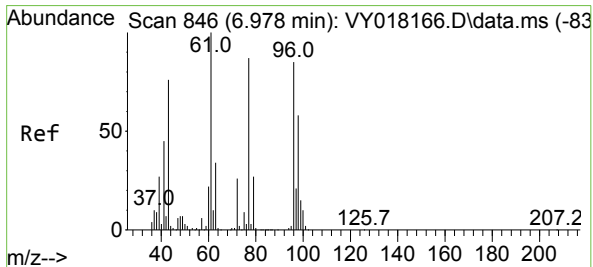
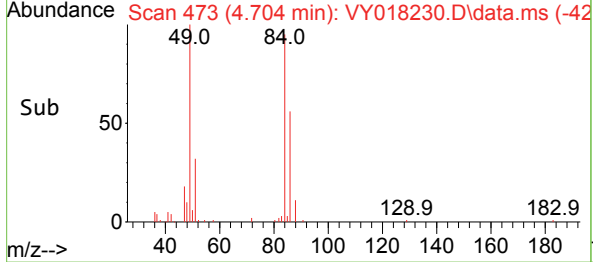
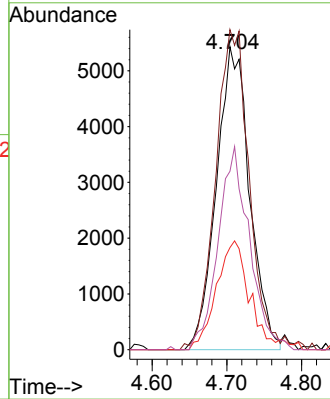
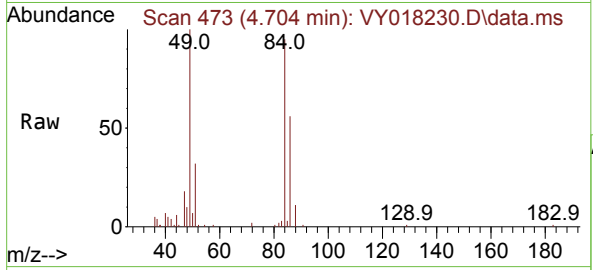




#20
Methylene Chloride
Concen: 9.607 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

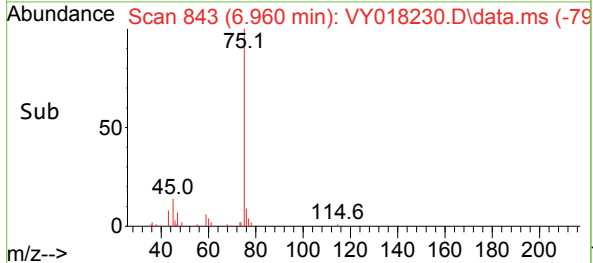
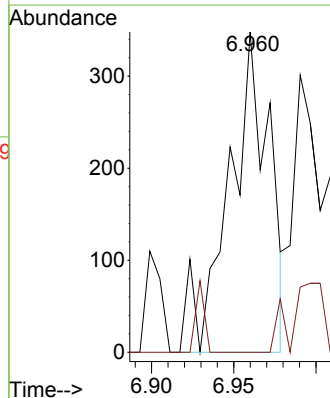
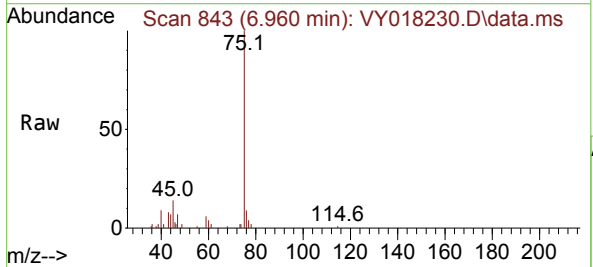
Instrument :
MSVOA_Y
ClientSampleId :

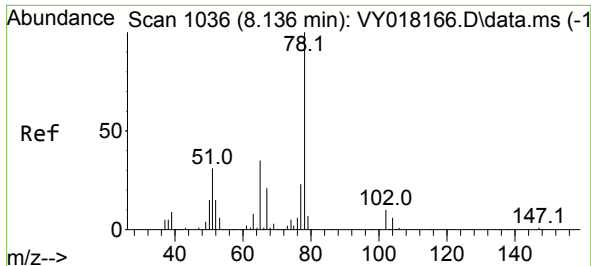
Tgt Ion:	84	Resp:	16803
Ion	Ratio	Lower	Upper
84	100		
49	105.6	84.4	126.6
51	33.7	26.0	39.0
86	58.9	49.5	74.3



#25
2-Butanone
Concen: 1.499 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

Tgt Ion:	43	Resp:	593
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

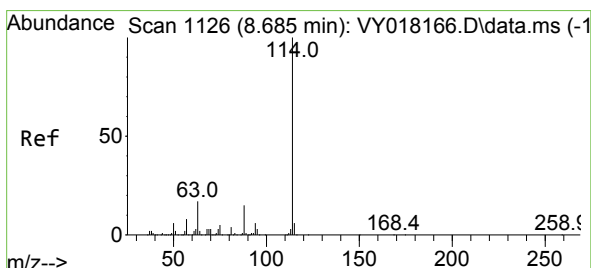
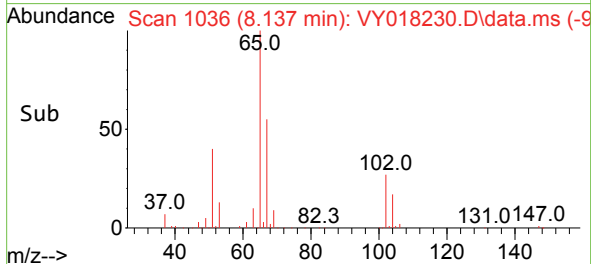
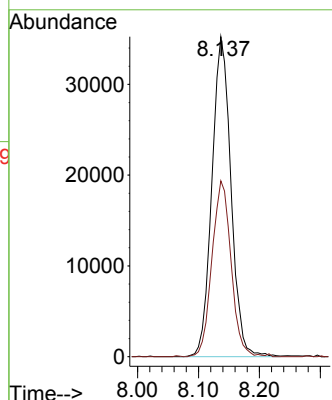
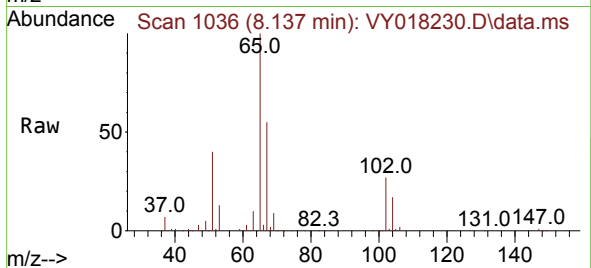




#33
 1,2-Dichloroethane-d4
 Concen: 61.893 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018230.D
 Acq: 10 May 2024 13:44

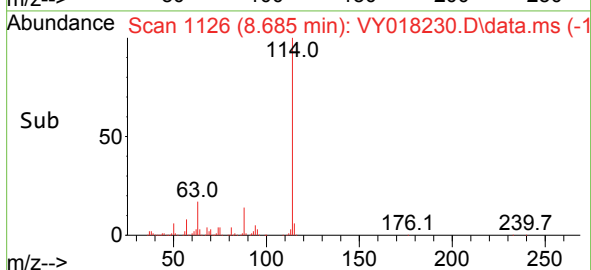
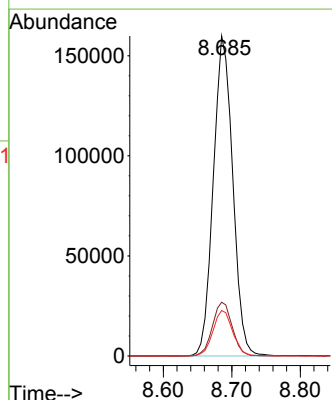
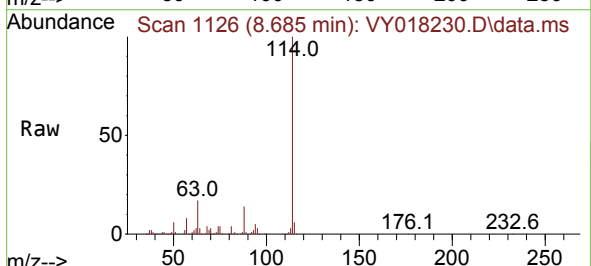
Instrument :
 MSVOA_Y
 ClientSampleId :

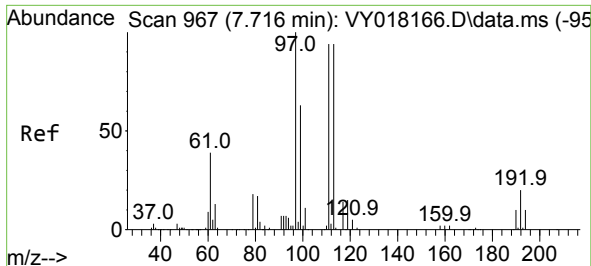
Tgt Ion: 65 Resp: 76748
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018230.D
 Acq: 10 May 2024 13:44

Tgt Ion: 114 Resp: 314587
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.575 ug/l

RT: 7.716 min Scan# 918

Delta R.T. 0.000 min

Lab File: VY018230.D

Acq: 10 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

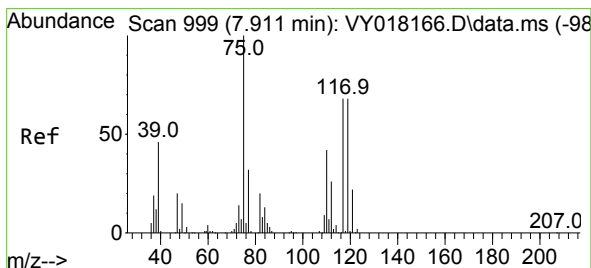
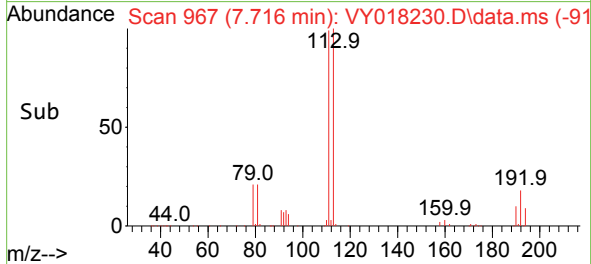
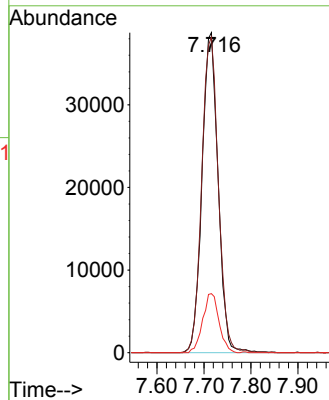
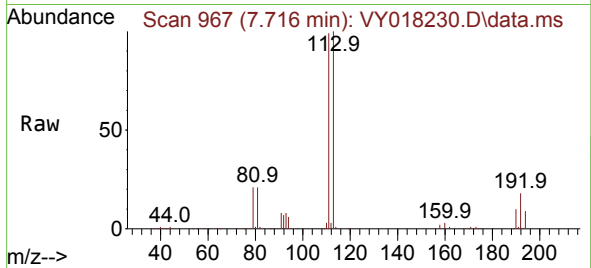
Tgt Ion:113 Resp: 91882

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 18.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.234 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018230.D

Acq: 10 May 2024 13:44

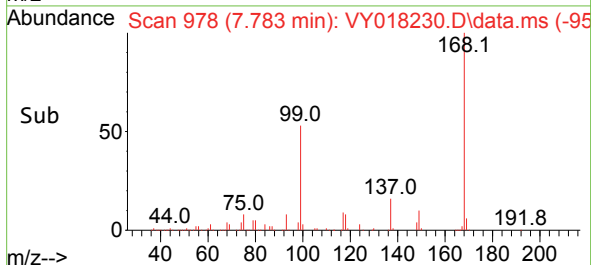
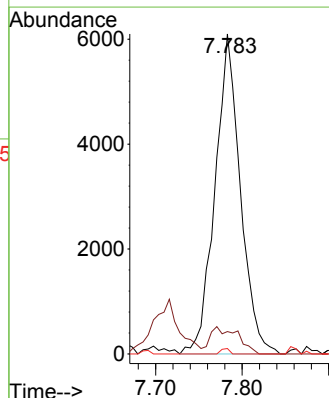
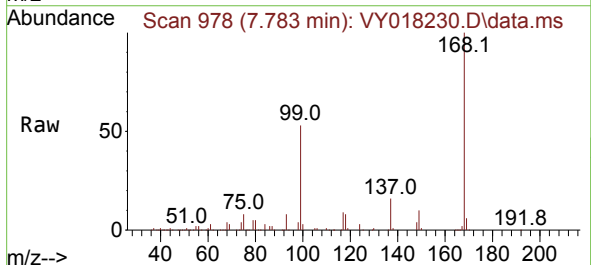
Tgt Ion: 75 Resp: 12406

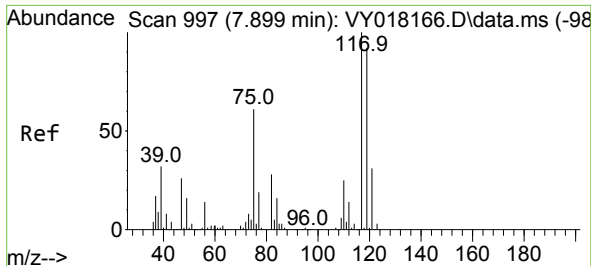
Ion Ratio Lower Upper

75 100

110 9.3 19.0 57.0#

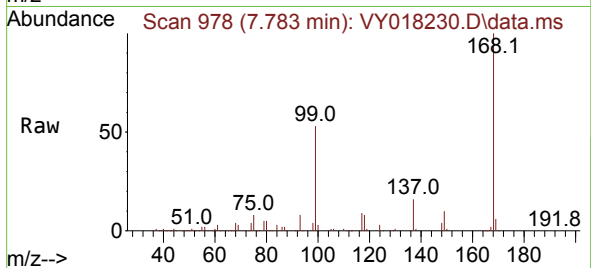
77 0.6 25.3 37.9#



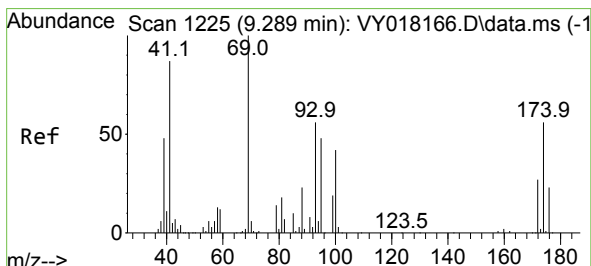
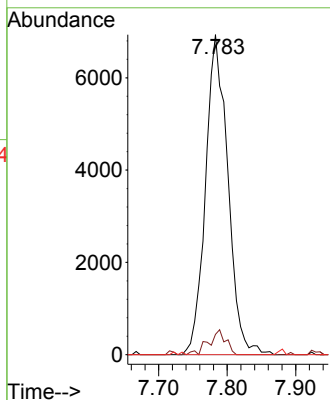
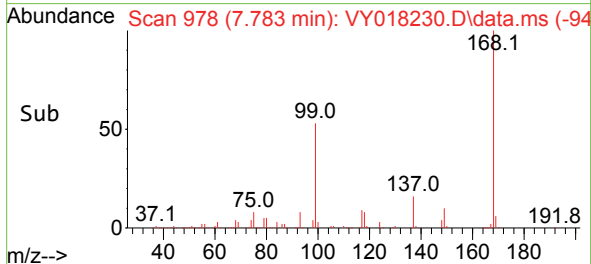


#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :

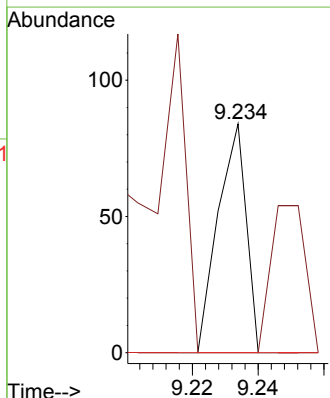
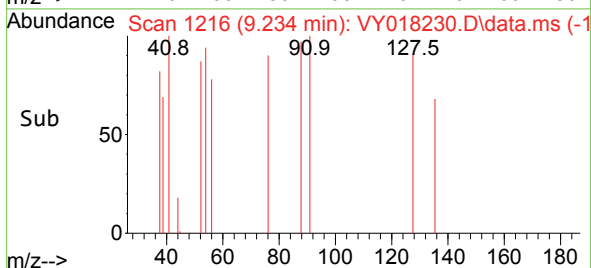
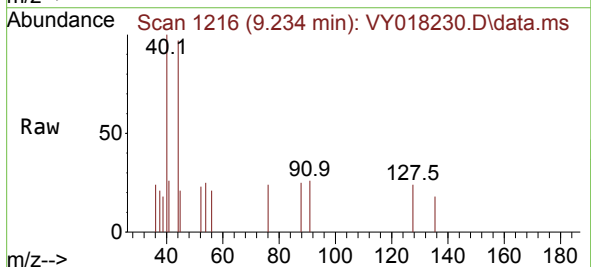


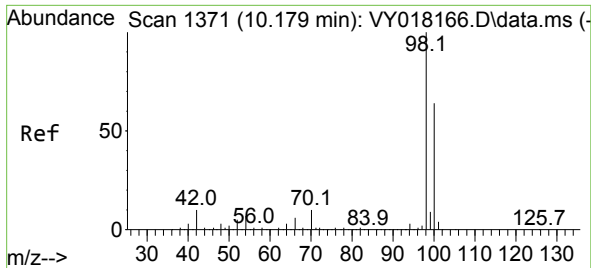
Tgt Ion:117 Resp: 15681
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.931 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. -0.055 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 210.0 0.0 0.0#
58 0.0 49.3 73.9#

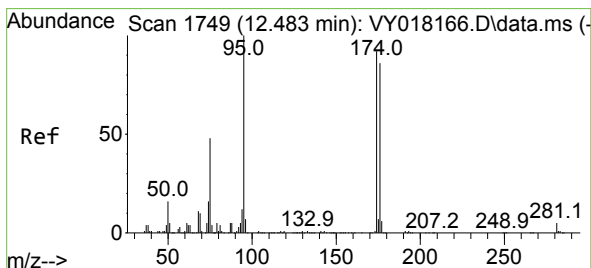
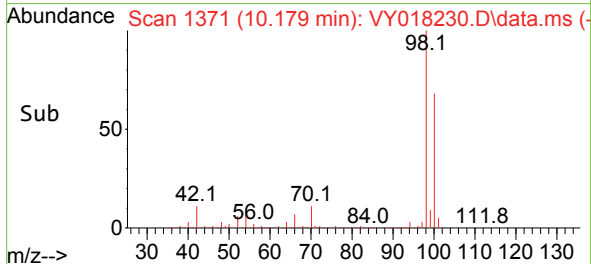
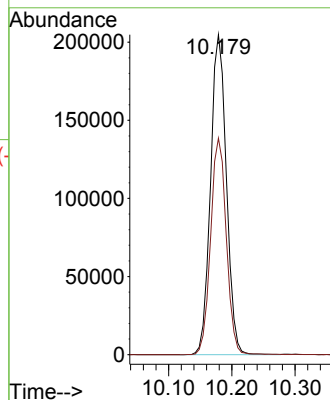
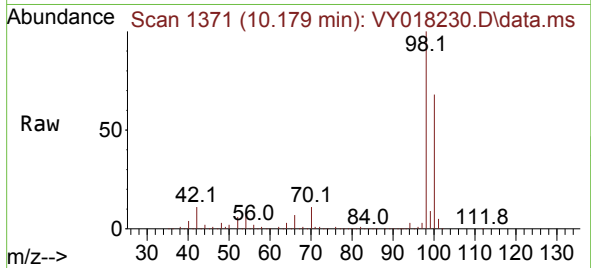




#50
Toluene-d8
Concen: 54.662 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

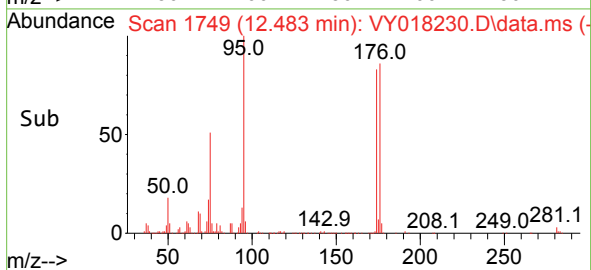
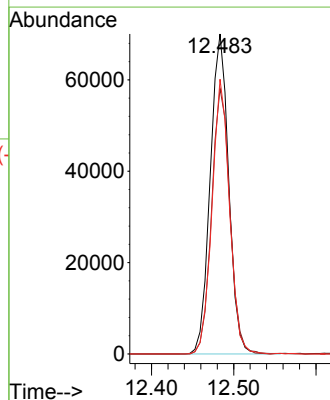
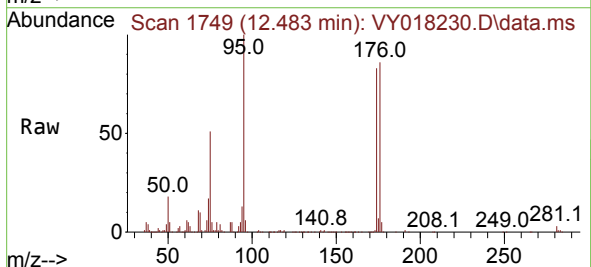
Instrument :
MSVOA_Y
ClientSampleId :

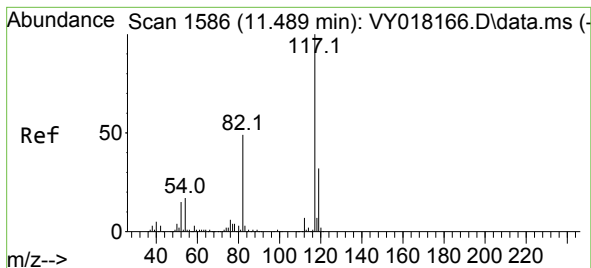
Tgt Ion: 98 Resp: 356126
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018230.D
Acq: 10 May 2024 13:44

Tgt Ion: 95 Resp: 109192
Ion Ratio Lower Upper
95 100
174 82.1 0.0 175.6
176 81.5 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: VY018230.D

Acq: 10 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

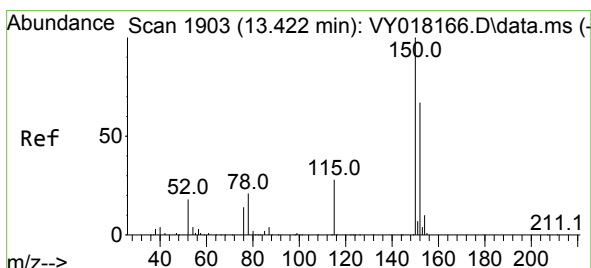
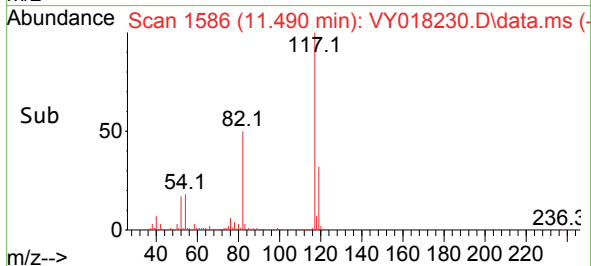
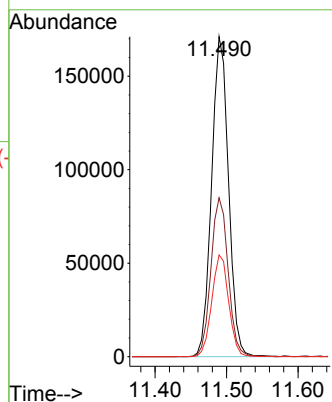
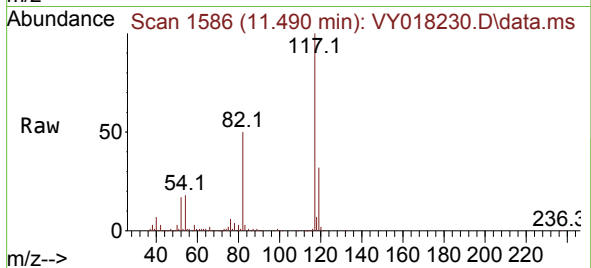
Tgt Ion:117 Resp: 280837

Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018230.D

Acq: 10 May 2024 13:44

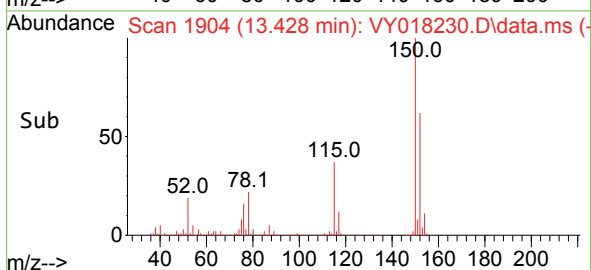
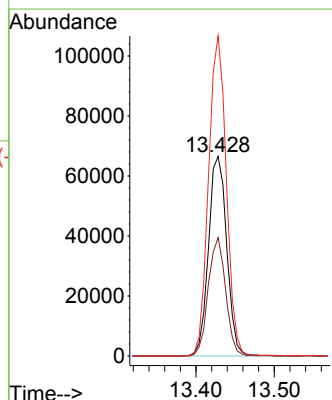
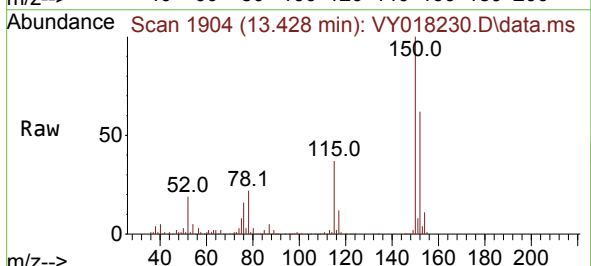
Tgt Ion:152 Resp: 107366

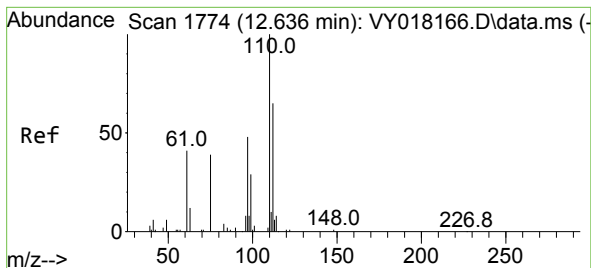
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 156.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 62.465 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

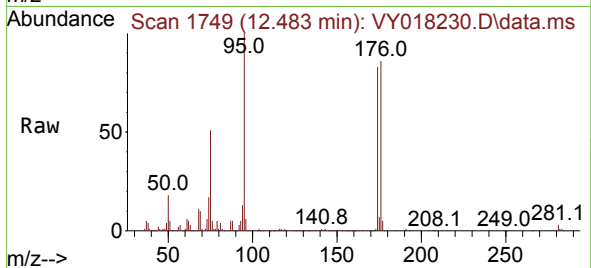
Lab File: VY018230.D

Acq: 10 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

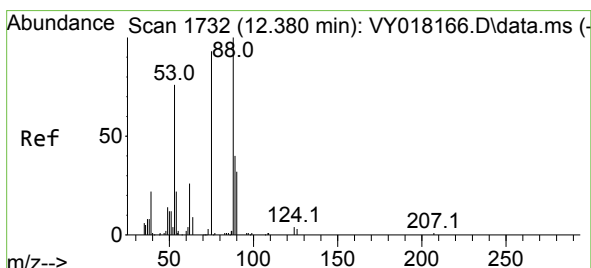
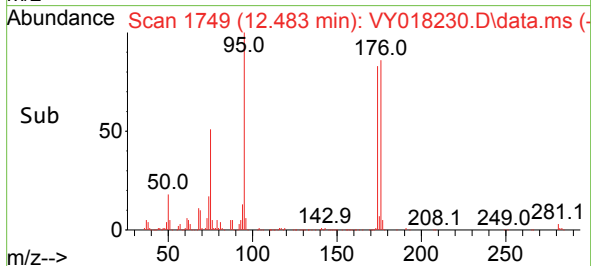
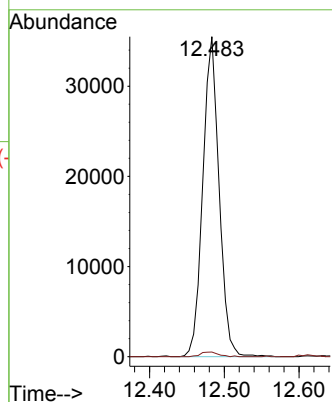


Tgt Ion: 75 Resp: 53682

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.349 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018230.D

Acq: 10 May 2024 13:44

Tgt Ion: 75 Resp: 53682

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.3 35.8 53.6#

