

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018231.D
 Acq On : 10 May 2024 14:08
 Operator : SY/MD
 Sample : P2432-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 01:01:12 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)

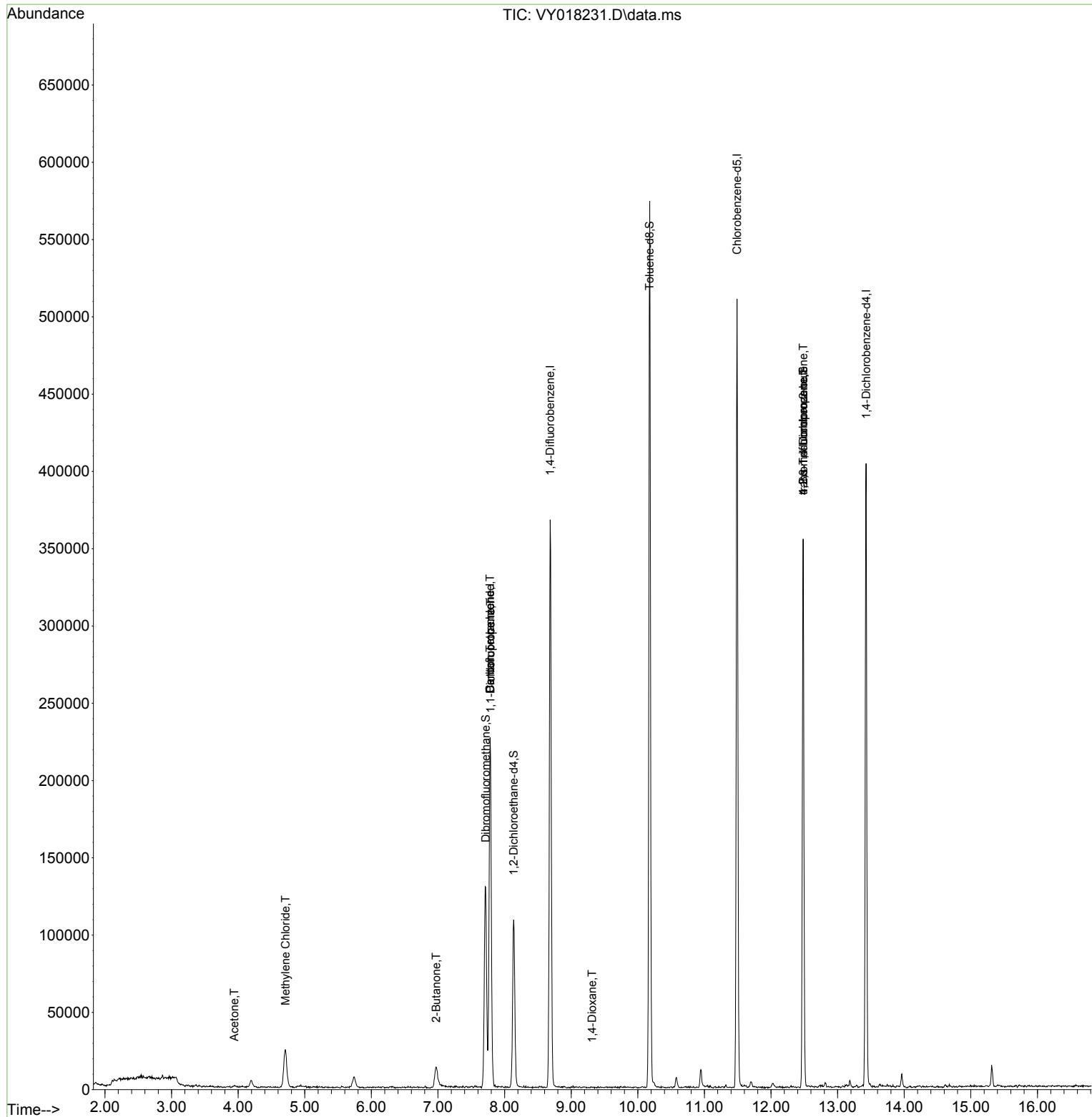
Internal Standards						
1) Pentafluorobenzene	7.783	168	178472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	289060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78946	60.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.260%	
35) Dibromofluoromethane	7.716	113	96048	54.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.179	98	378054	54.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.240%	
62) 4-Bromofluorobenzene	12.483	95	109378	48.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.880%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.930	59	948	Below Cal	#	82
13) Acrolein	3.686	56	39	Below Cal	#	15
16) Acetone	3.942	43	1862	7.106	ug/l	98
20) Methylene Chloride	4.710	84	20007	10.803	ug/l	92
25) 2-Butanone	6.972	43	1059	2.528	ug/l #	41
31) Cyclohexane	7.783	56	4147	Below Cal	#	26
36) 1,1-Dichloropropene	7.789	75	13933	5.534	ug/l #	49
38) Carbon Tetrachloride	7.783	117	18205	6.617	ug/l #	17
49) 1,4-Dioxane	9.313	88	98	7.253	ug/l #	49
76) 1,2,3-Trichloropropane	12.483	75	55458	65.116	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55458	125.457	ug/l #	16

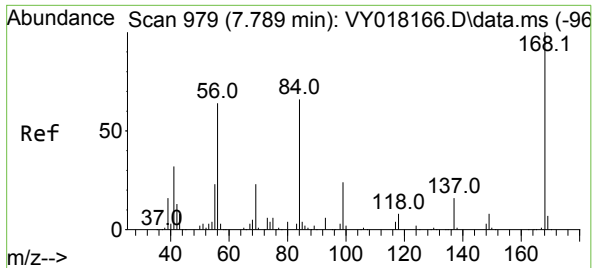
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
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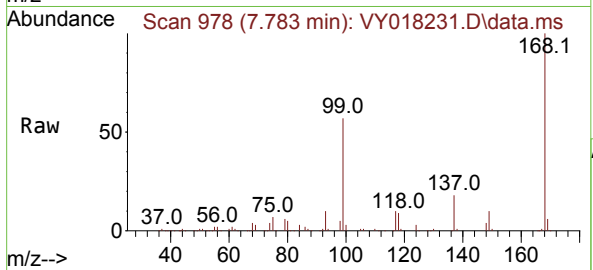
Quant Time: May 11 01:01:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
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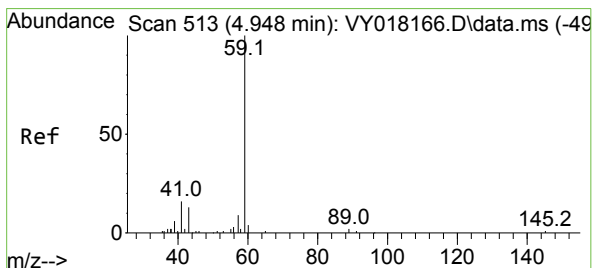
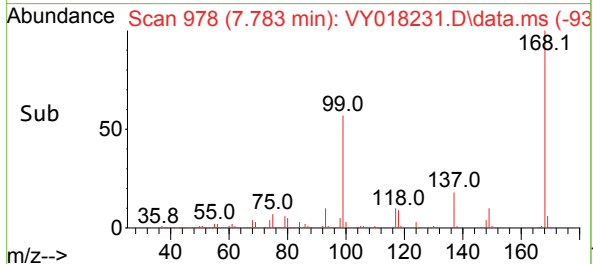
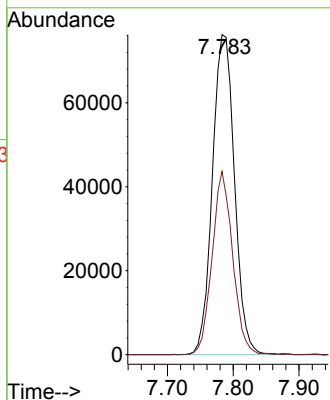


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018231.D
Acq: 10 May 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

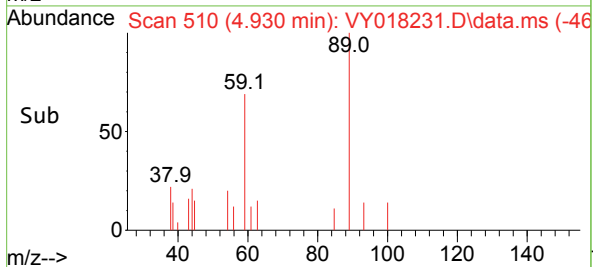
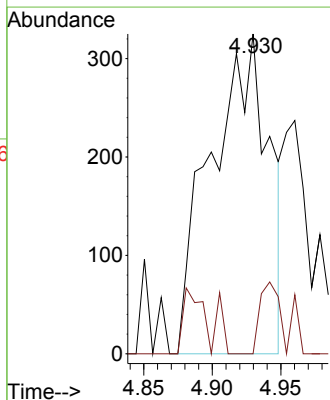
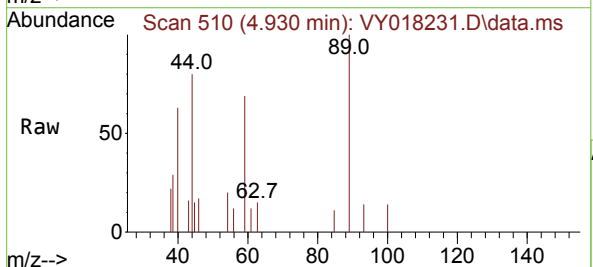


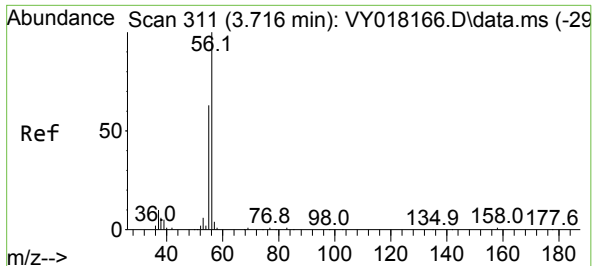
Tgt Ion:168 Resp: 178472
Ion Ratio Lower Upper
168 100
99 57.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018231.D
Acq: 10 May 2024 14:08

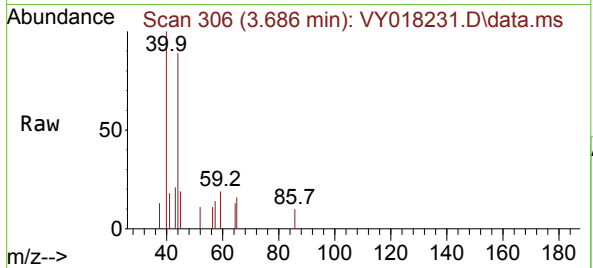
Tgt Ion: 59 Resp: 948
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#



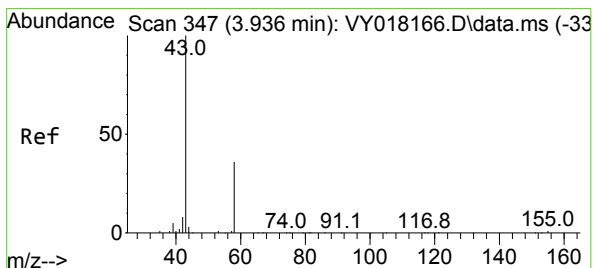
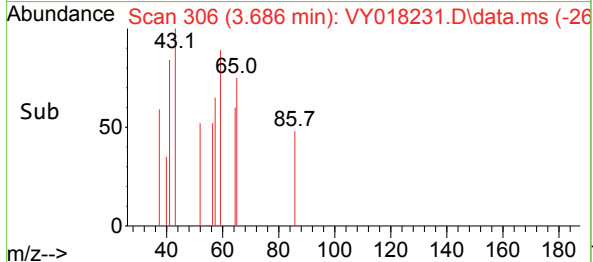
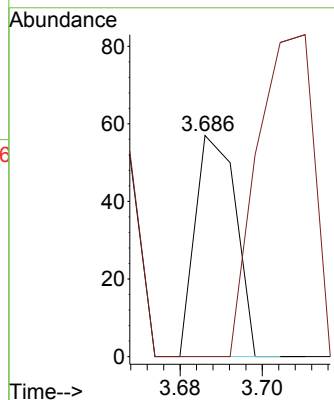


#13
Acrolein
Concen: Below Cal
RT: 3.686 min Scan# 306
Delta R.T. -0.030 min
Lab File: VY018231.D
Acq: 10 May 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

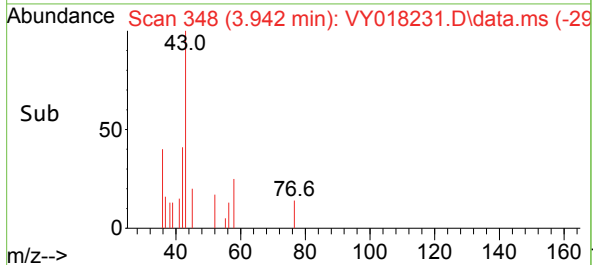
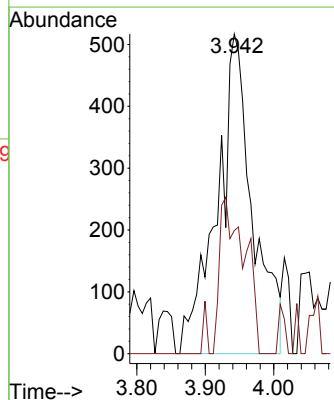
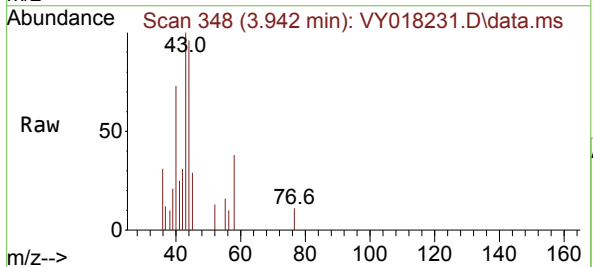


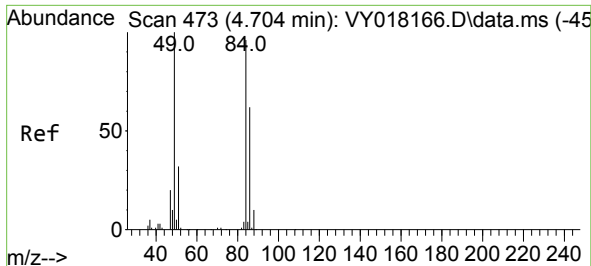
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 7.106 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018231.D
Acq: 10 May 2024 14:08

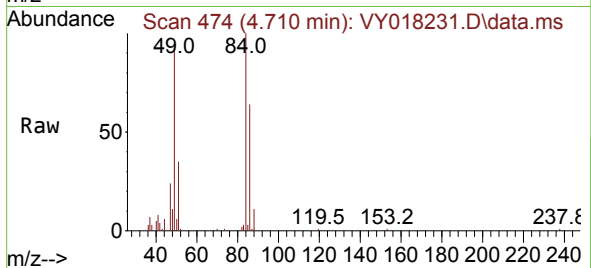
Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
58 38.5 31.7 47.5



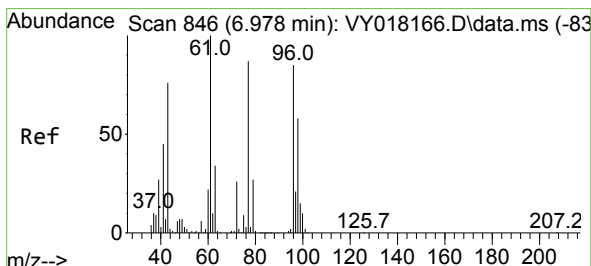
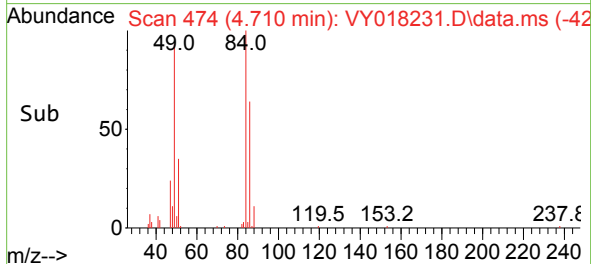
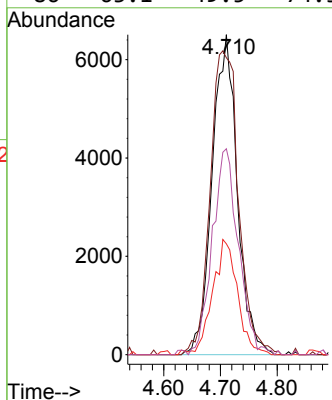


#20
Methylene Chloride
Concen: 10.803 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018231.D
Acq: 10 May 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

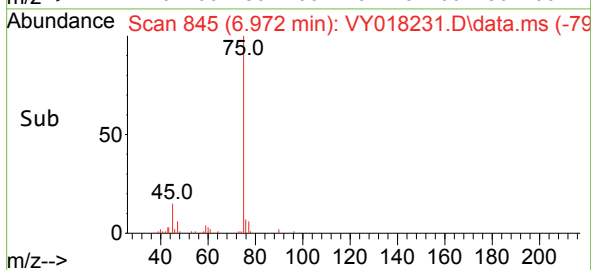
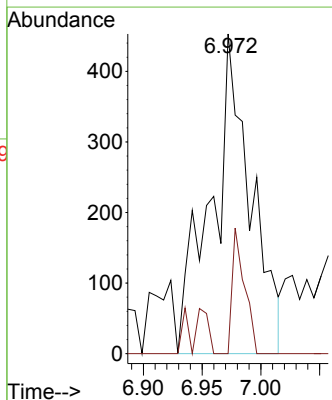
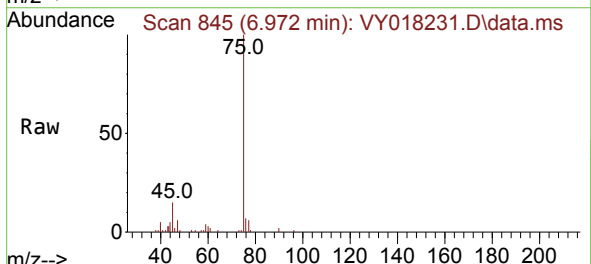


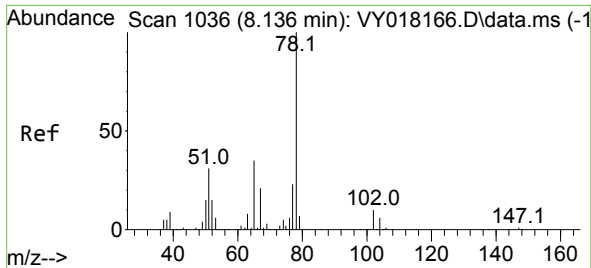
Tgt Ion:	84	Resp:	20007
Ion	Ratio	Lower	Upper
84	100		
49	91.7	84.4	126.6
51	34.6	26.0	39.0
86	63.1	49.5	74.3



#25
2-Butanone
Concen: 2.528 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018231.D
Acq: 10 May 2024 14:08

Tgt Ion:	43	Resp:	1059
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

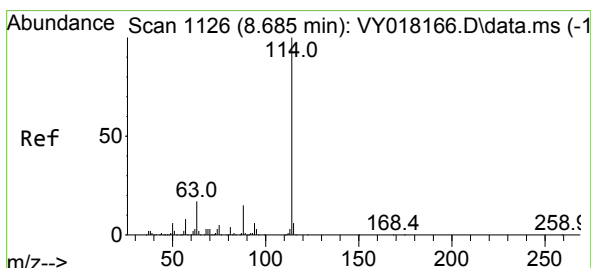
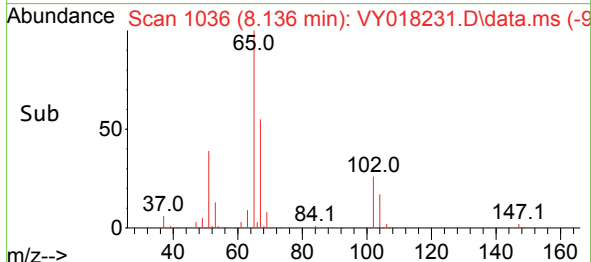
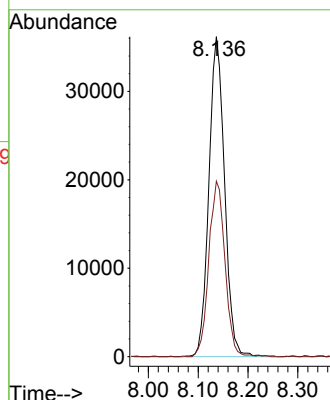
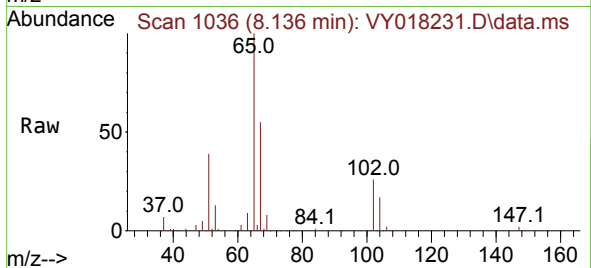




#33
 1,2-Dichloroethane-d4
 Concen: 60.128 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018231.D
 Acq: 10 May 2024 14:08

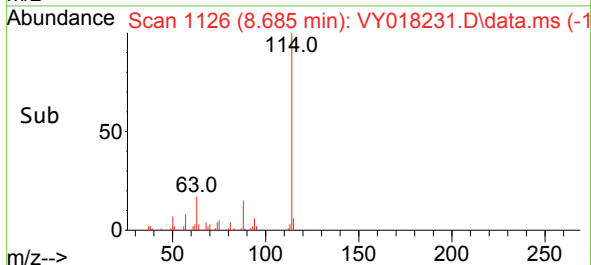
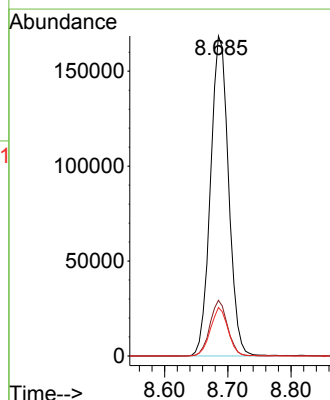
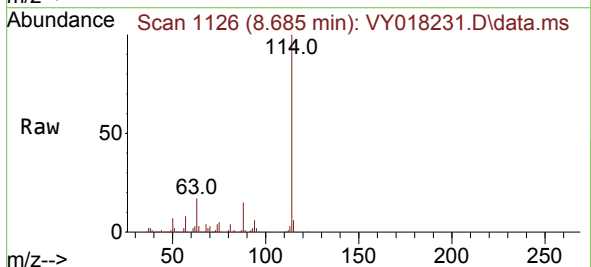
Instrument :
 MSVOA_Y
 ClientSampleId :

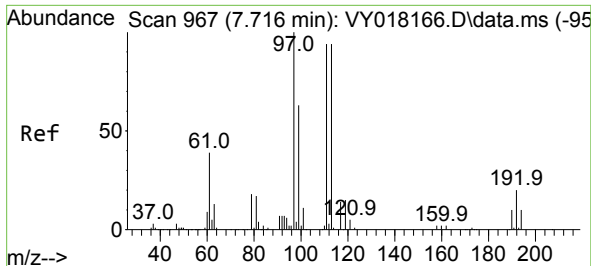
Tgt Ion: 65 Resp: 78946
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018231.D
 Acq: 10 May 2024 14:08

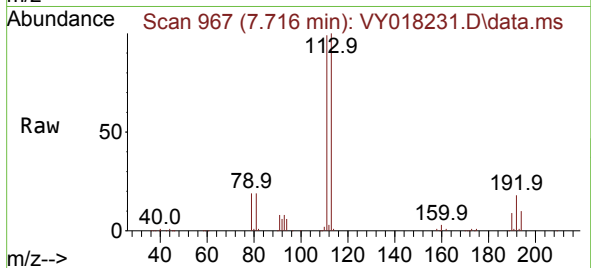
Tgt Ion: 114 Resp: 334187
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.0
 88 15.1 0.0 27.2



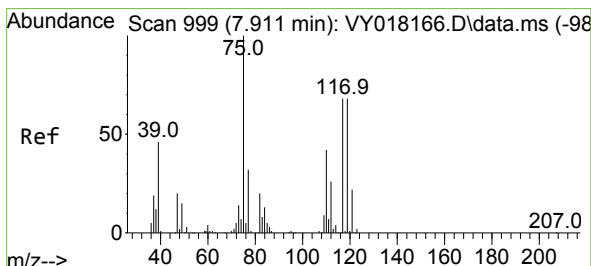
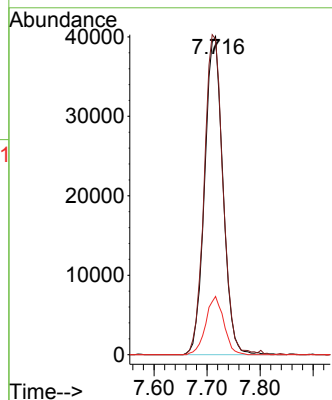
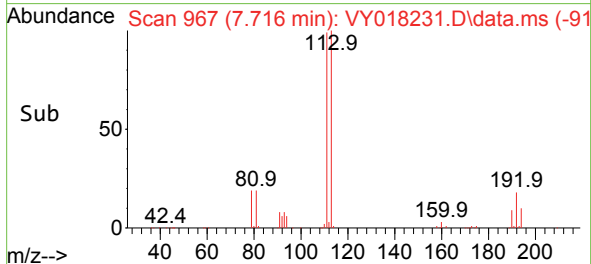


#35
Dibromofluoromethane
Concen: 54.687 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018231.D
Acq: 10 May 2024 14:08

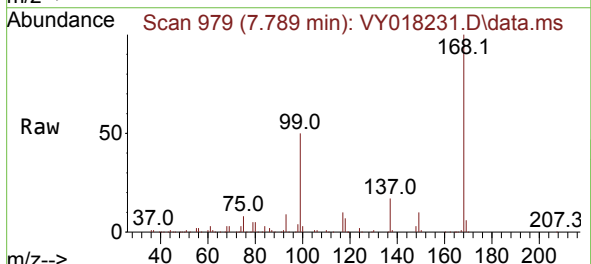
Instrument :
MSVOA_Y
ClientSampleId :



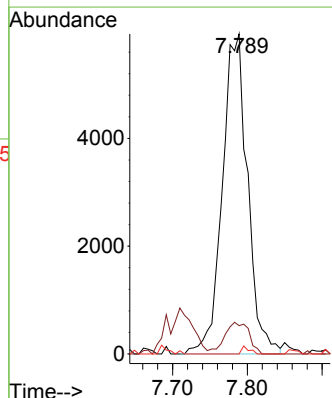
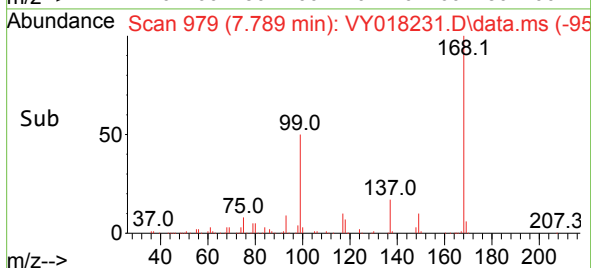
Tgt Ion:113 Resp: 96048
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.1 15.9 23.9

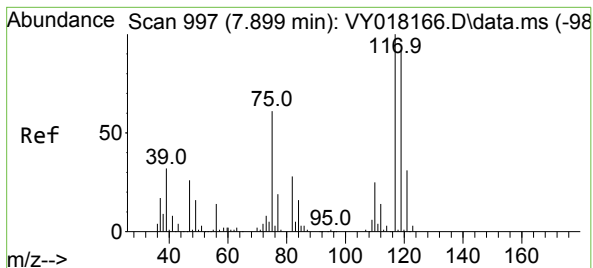


#36
1,1-Dichloropropene
Concen: 5.534 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY018231.D
Acq: 10 May 2024 14:08



Tgt Ion: 75 Resp: 13933
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.7 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.617 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.116 min

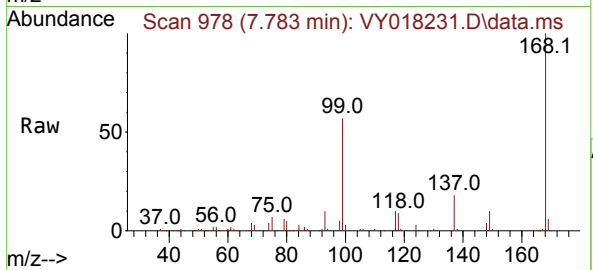
Lab File: VY018231.D

Acq: 10 May 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :



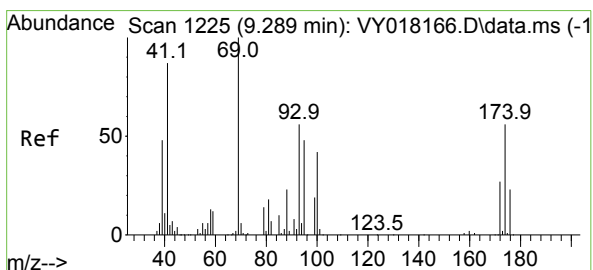
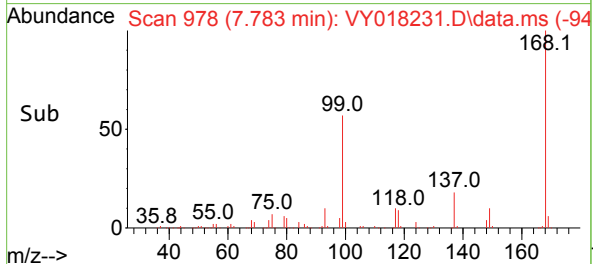
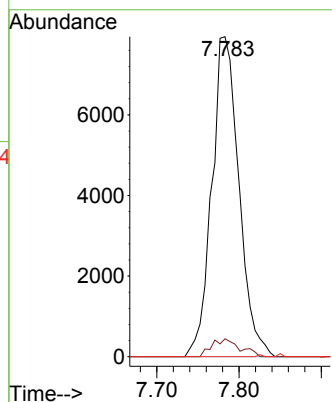
Tgt Ion:117 Resp: 18205

Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 7.253 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

Lab File: VY018231.D

Acq: 10 May 2024 14:08

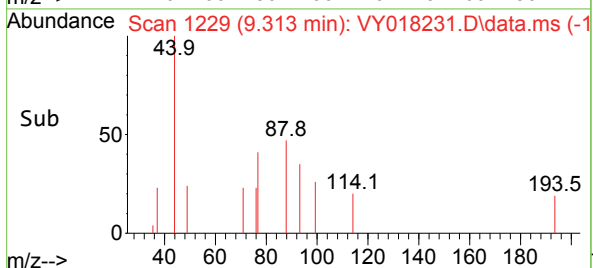
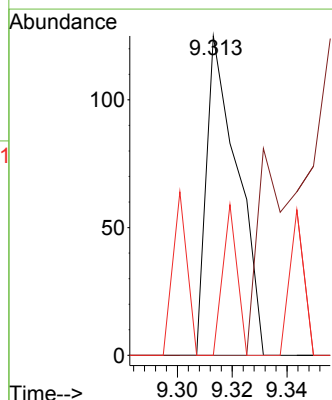
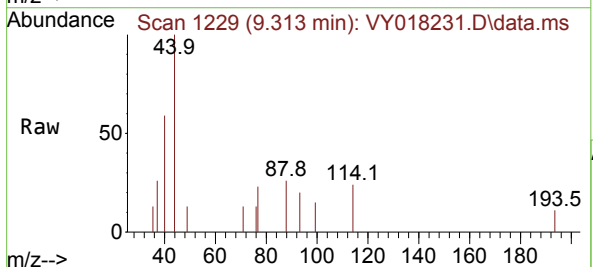
Tgt Ion: 88 Resp: 98

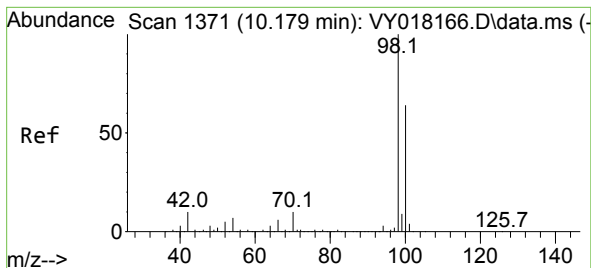
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 22.4 49.3 73.9#





#50

Toluene-d8

Concen: 54.625 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

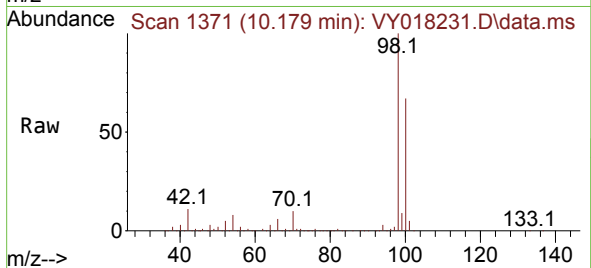
Lab File: VY018231.D

Acq: 10 May 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

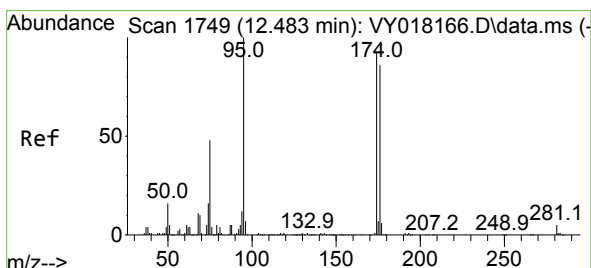
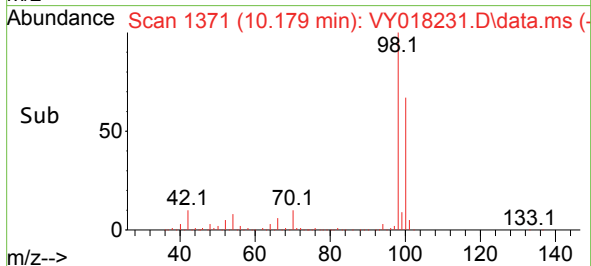
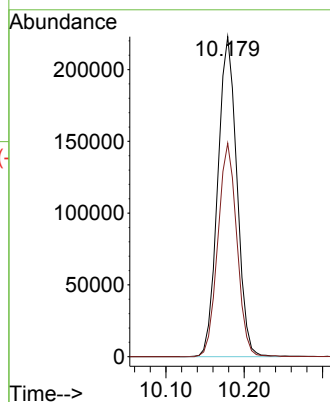


Tgt Ion: 98 Resp: 378054

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.937 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018231.D

Acq: 10 May 2024 14:08

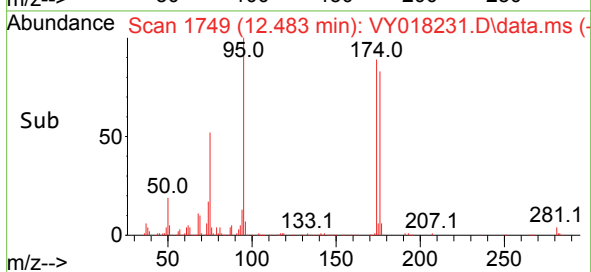
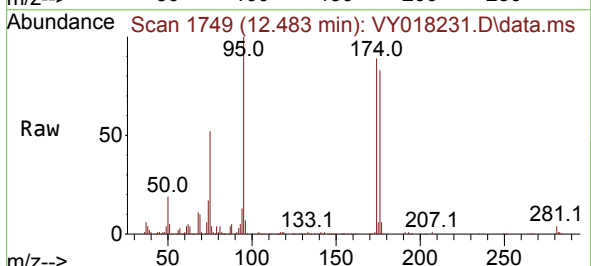
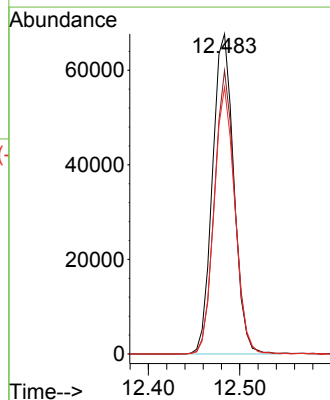
Tgt Ion: 95 Resp: 109378

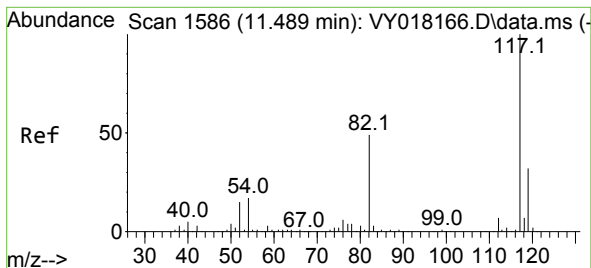
Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.6

176 81.4 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: VY018231.D

Acq: 10 May 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

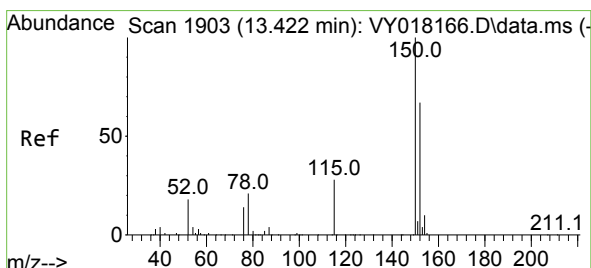
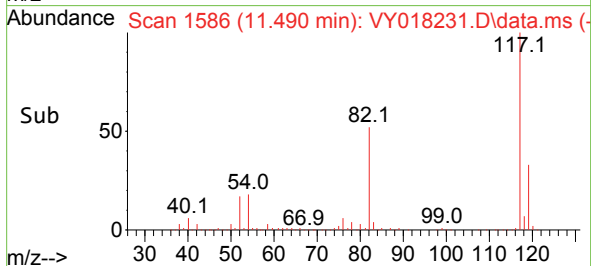
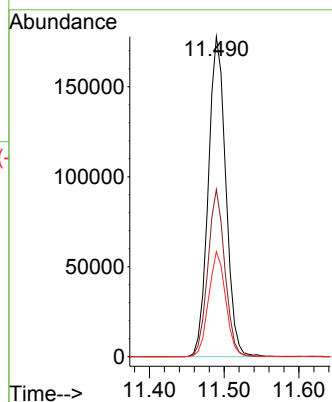
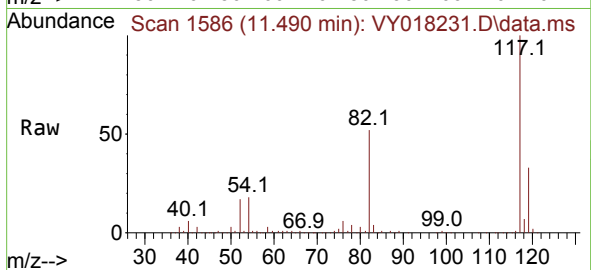
Tgt Ion:117 Resp: 289060

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 32.8 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: VY018231.D

Acq: 10 May 2024 14:08

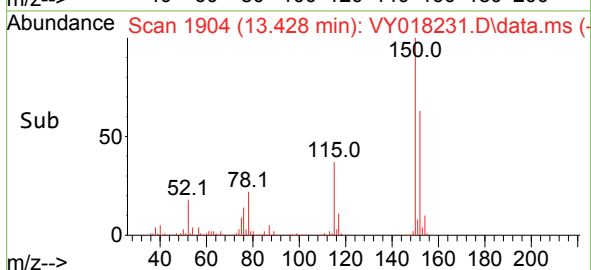
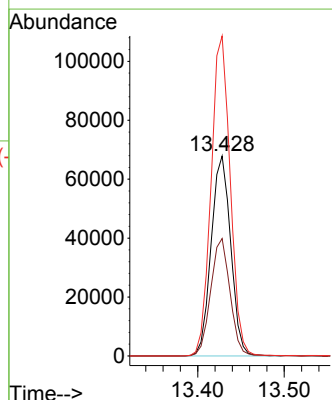
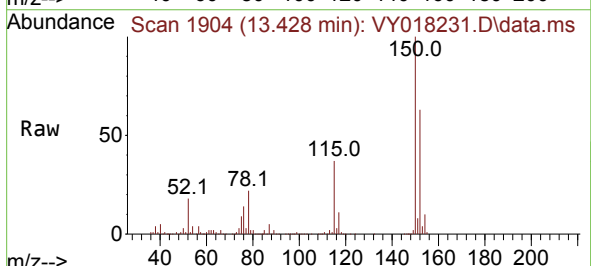
Tgt Ion:152 Resp: 106402

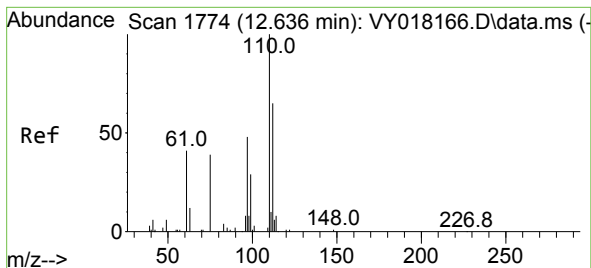
Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 157.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 65.116 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018231.D

Acq: 10 May 2024 14:08

Instrument :

MSVOA_Y

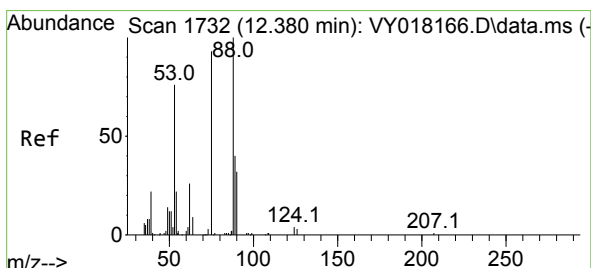
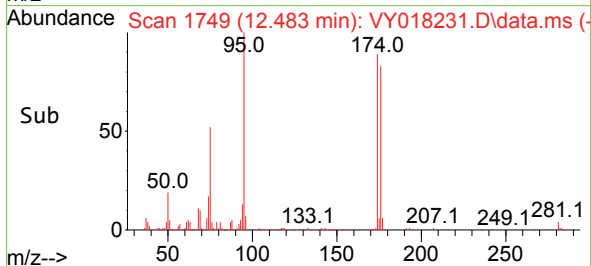
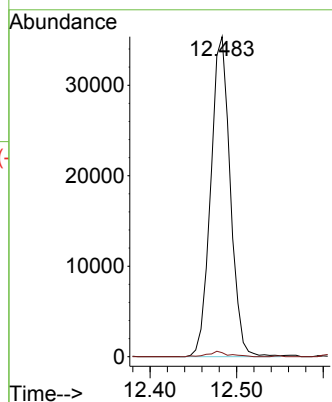
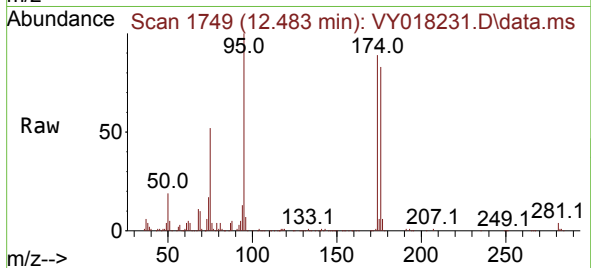
ClientSampleId :

Tgt Ion: 75 Resp: 55458

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.457 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018231.D

Acq: 10 May 2024 14:08

Tgt Ion: 75 Resp: 55458

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

