

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018119.D
 Acq On : 02 May 2024 16:05
 Operator : SY/MD
 Sample : P2330-01
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:05:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

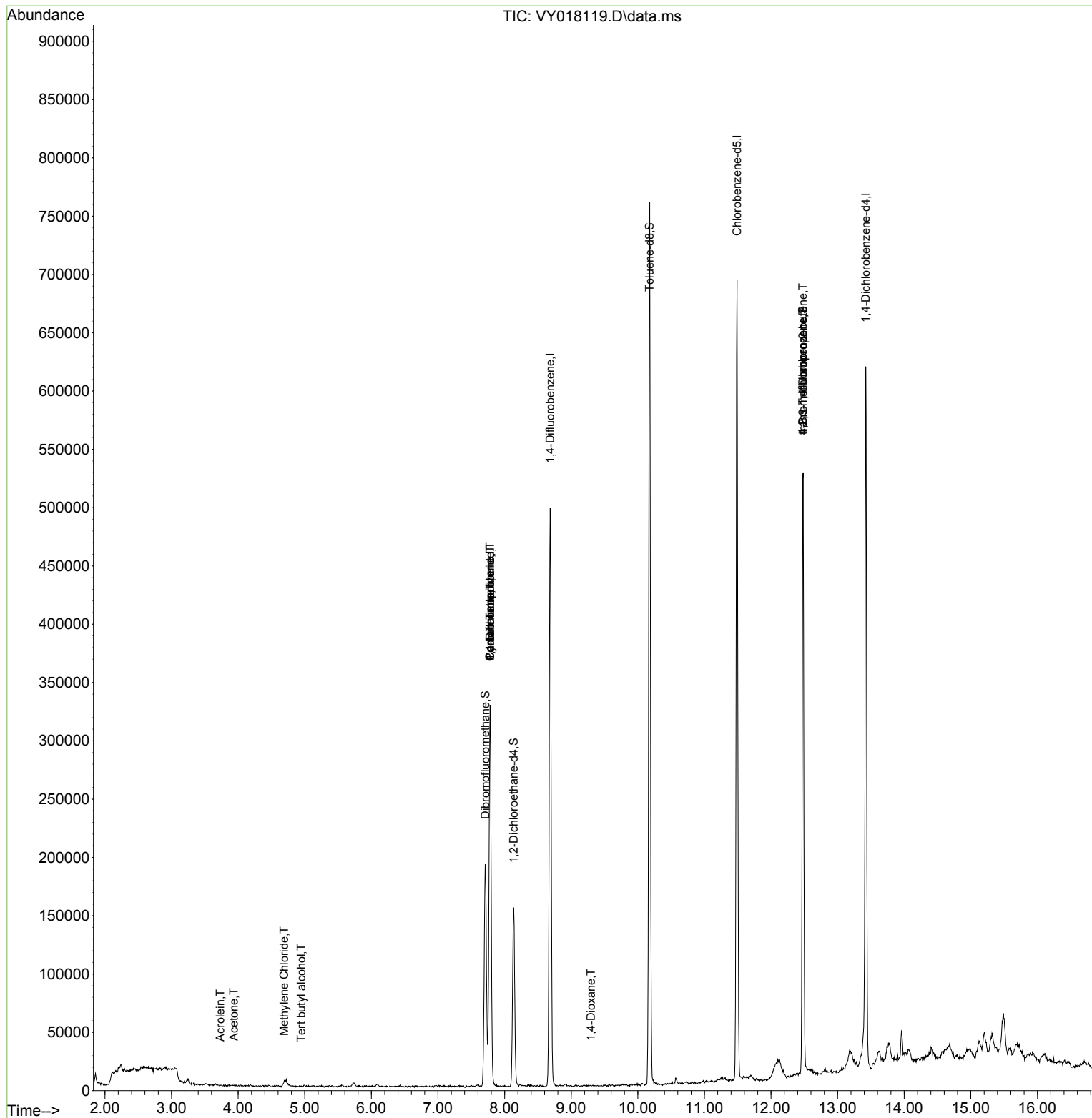
Internal Standards						
1) Pentafluorobenzene	7.783	168	268516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	466229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	403701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111868	52.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.700%	
35) Dibromofluoromethane	7.710	113	135488	50.569	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.140%	
50) Toluene-d8	10.179	98	512186	48.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.477	95	160876	44.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	364	2.110	ug/l #	88
13) Acrolein	3.729	56	277	1.079	ug/l #	63
16) Acetone	3.936	43	473	1.173	ug/l	98
20) Methylene Chloride	4.692	84	4575	1.619	ug/l	86
31) Cyclohexane	7.783	56	5103	1.258	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17997	5.032	ug/l #	49
38) Carbon Tetrachloride	7.783	117	24646	6.071	ug/l #	17
49) 1,4-Dioxane	9.295	88	30	1.774	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	76249	58.151	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76249	105.937	ug/l #	16

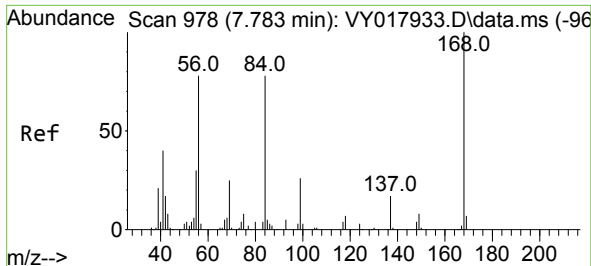
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

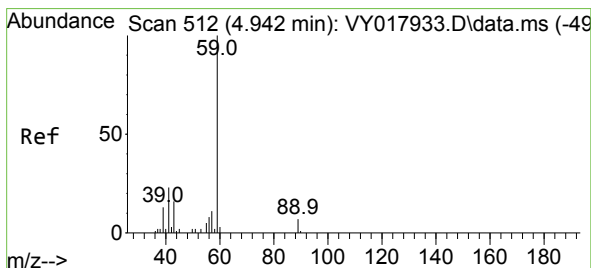
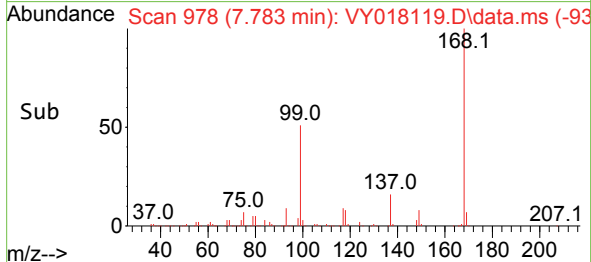
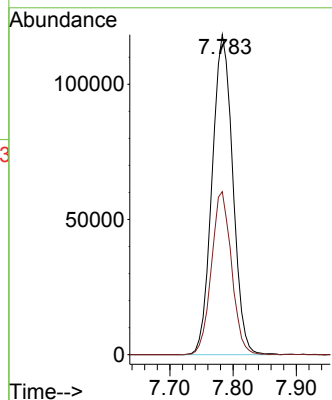
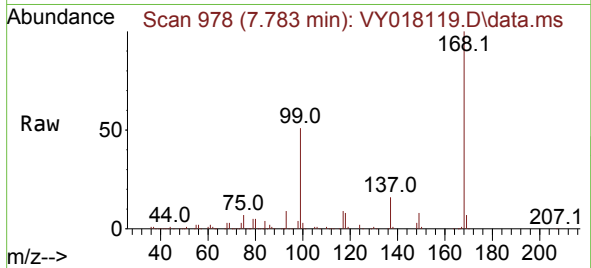




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018119.D
Acq: 02 May 2024 16:05

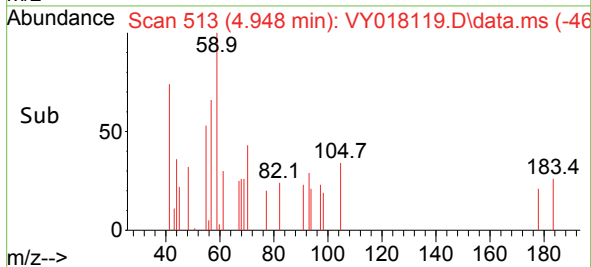
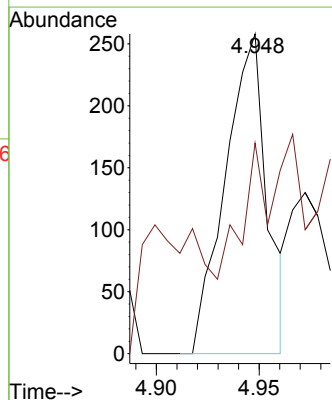
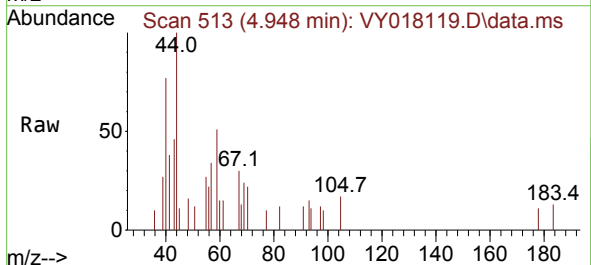
Instrument :
MSVOA_Y
ClientSampleId :

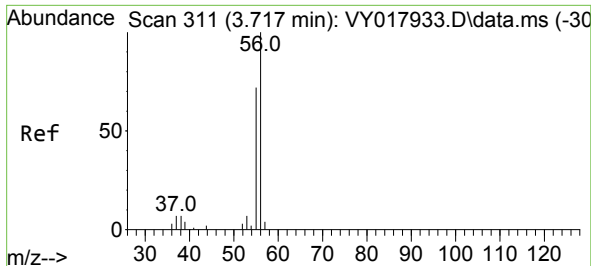
Tgt Ion:168 Resp: 268516
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.110 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018119.D
Acq: 02 May 2024 16:05

Tgt Ion: 59 Resp: 364
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: 1.079 ug/l

RT: 3.729 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

Instrument :

MSVOA_Y

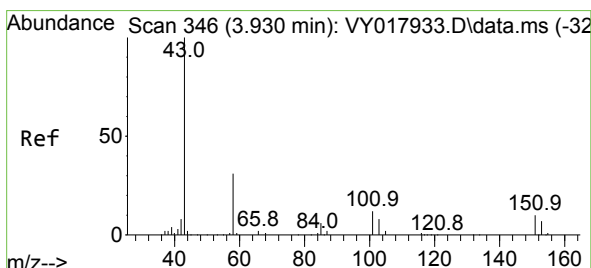
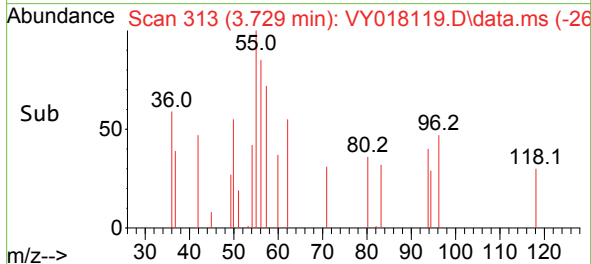
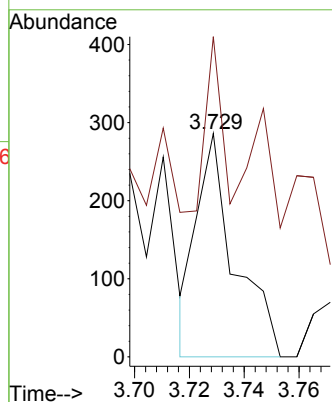
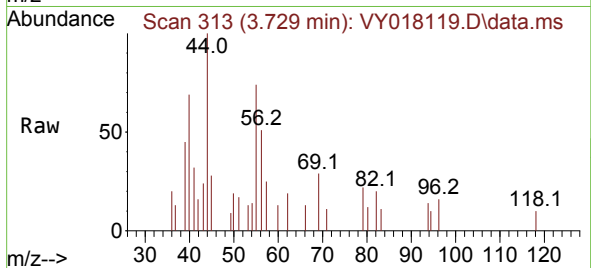
ClientSampleId :

Tgt Ion: 56 Resp: 277

Ion Ratio Lower Upper

56 100

55 39.0 55.7 83.5#



#16

Acetone

Concen: 1.173 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.012 min

Lab File: VY018119.D

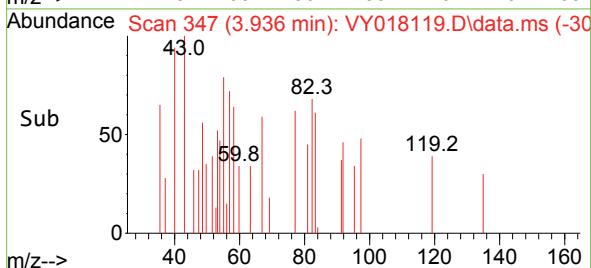
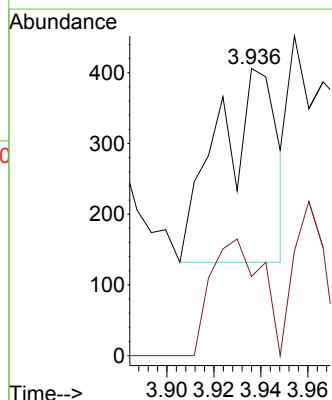
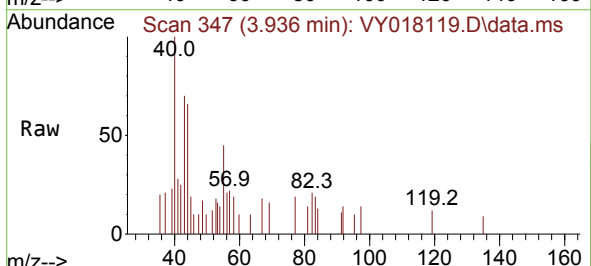
Acq: 02 May 2024 16:05

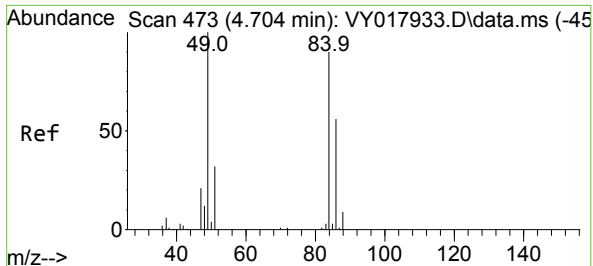
Tgt Ion: 43 Resp: 473

Ion Ratio Lower Upper

43 100

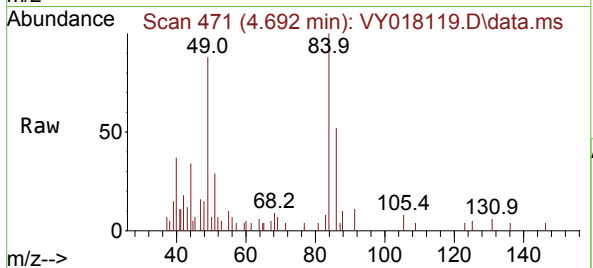
58 40.9 31.7 47.5



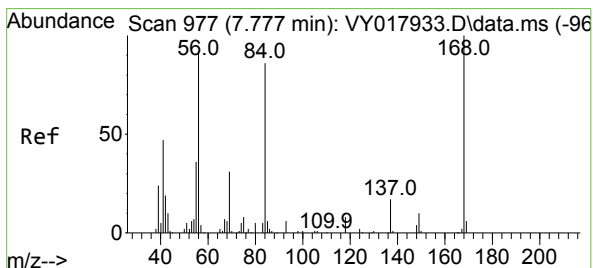
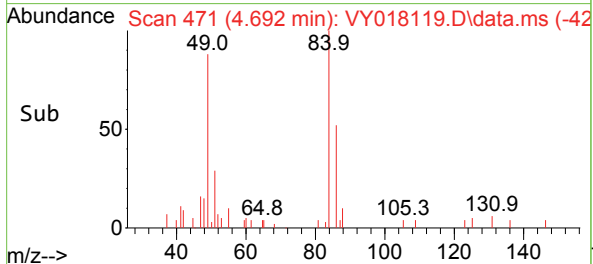
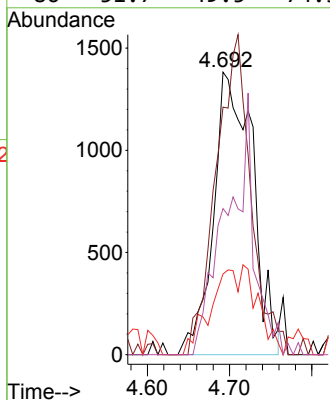


#20
Methylene Chloride
Concen: 1.619 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.024 min
Lab File: VY018119.D
Acq: 02 May 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

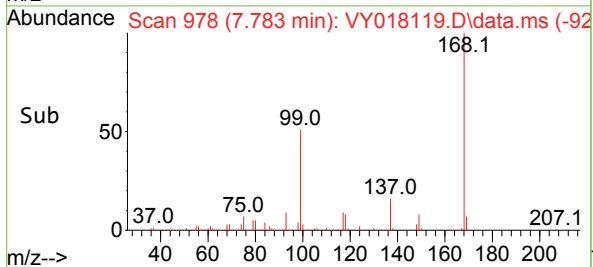
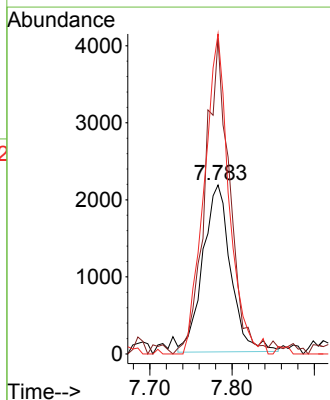
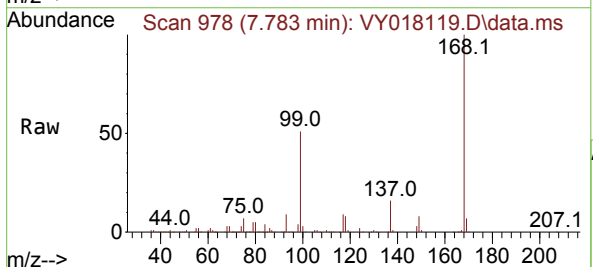


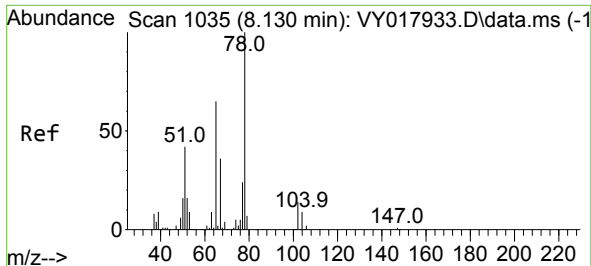
Tgt Ion:	84	Resp:	4575
Ion	Ratio	Lower	Upper
84	100		
49	87.6	84.4	126.6
51	28.6	26.0	39.0
86	51.7	49.5	74.3



#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY018119.D
Acq: 02 May 2024 16:05

Tgt Ion:	56	Resp:	5103
Ion	Ratio	Lower	Upper
56	100		
69	188.8	28.7	43.1#
84	194.9	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.854 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

Instrument :

MSVOA_Y

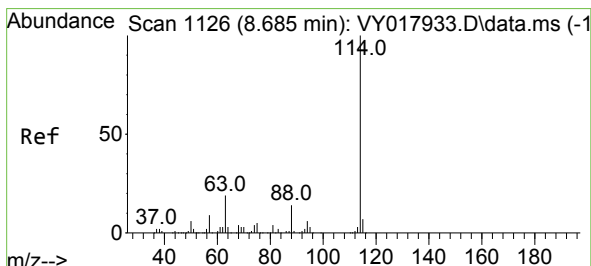
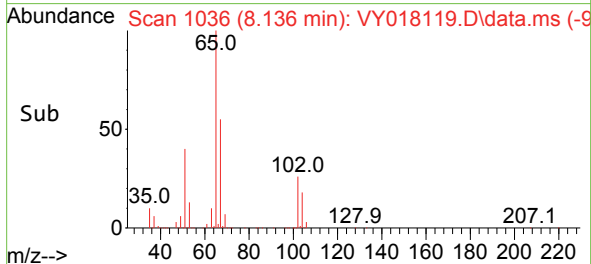
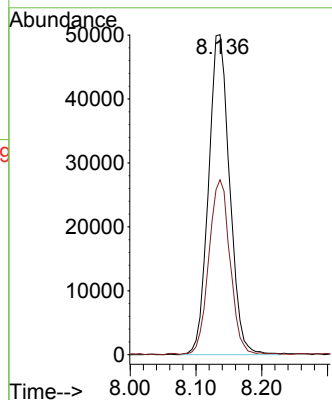
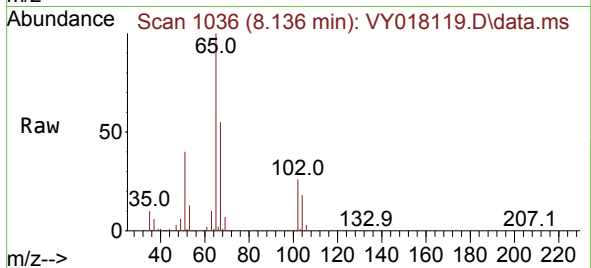
ClientSampleId :

Tgt Ion: 65 Resp: 111868

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

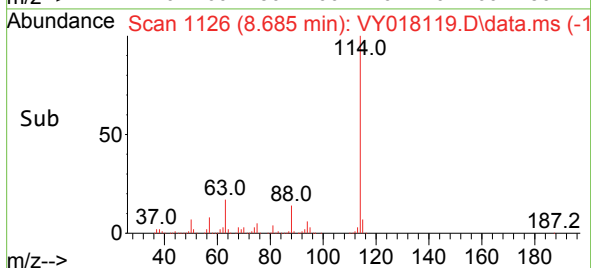
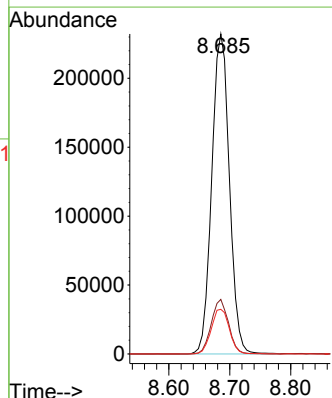
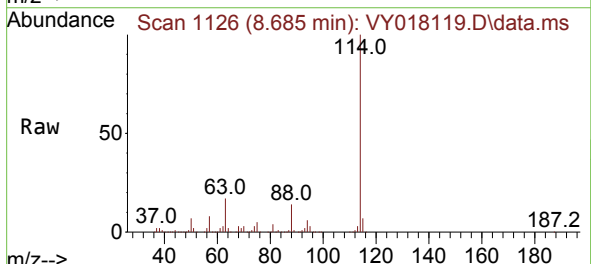
Tgt Ion:114 Resp: 466229

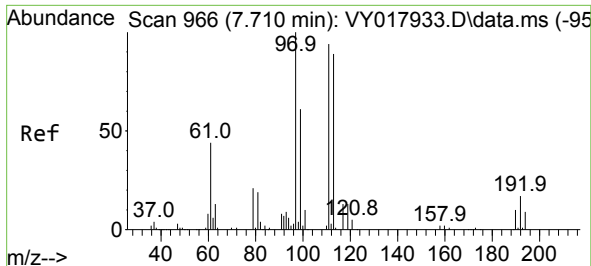
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

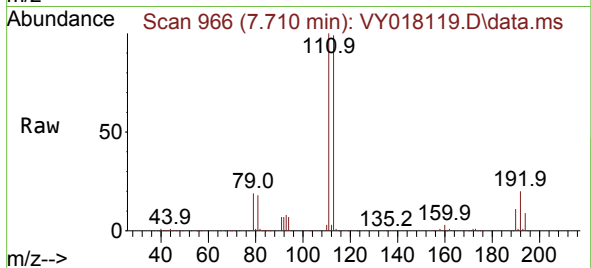
88 14.0 0.0 27.2



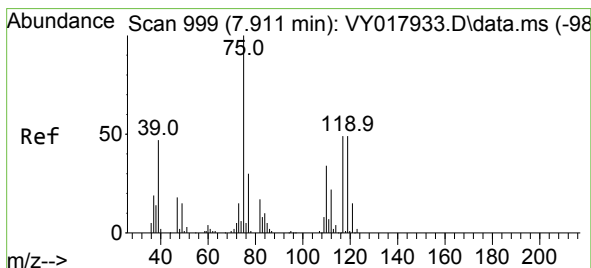
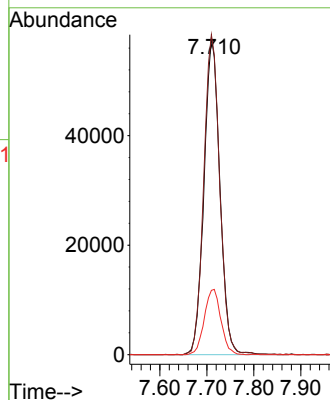
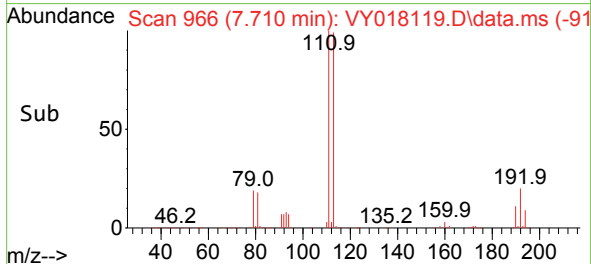


#35
Dibromofluoromethane
Concen: 50.569 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY018119.D
Acq: 02 May 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

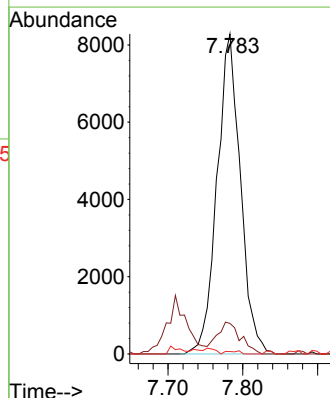
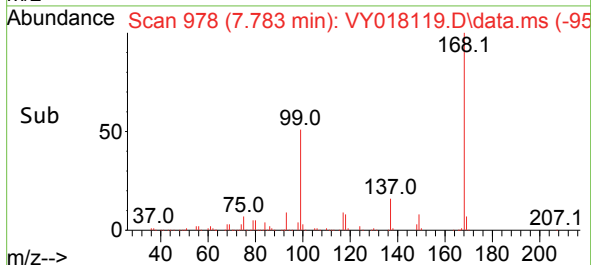
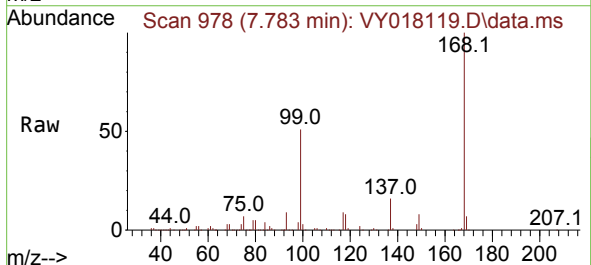


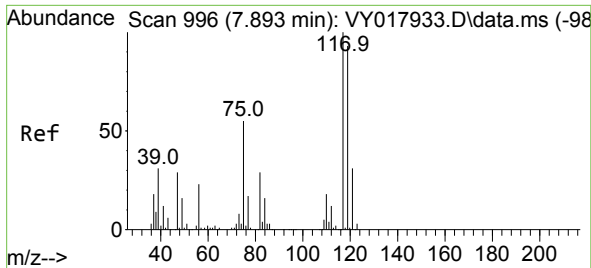
Tgt Ion:113 Resp: 135488
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.032 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018119.D
Acq: 02 May 2024 16:05

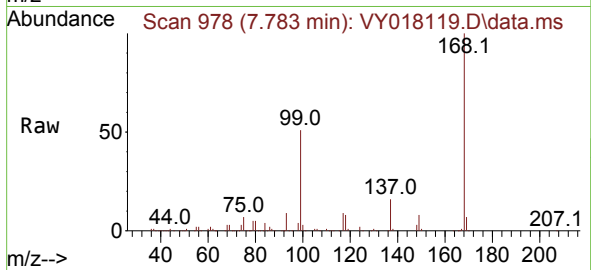
Tgt Ion: 75 Resp: 17997
Ion Ratio Lower Upper
75 100
110 10.0 19.0 57.0#
77 0.5 25.3 37.9#



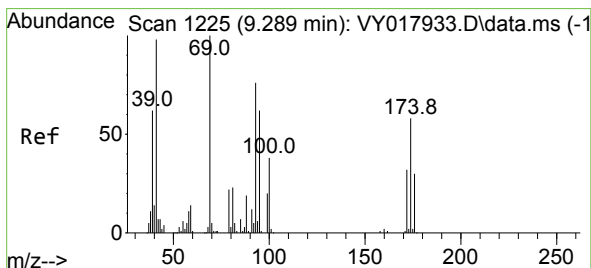
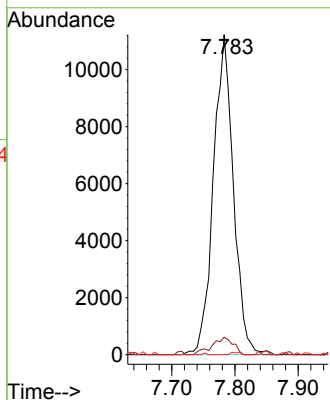
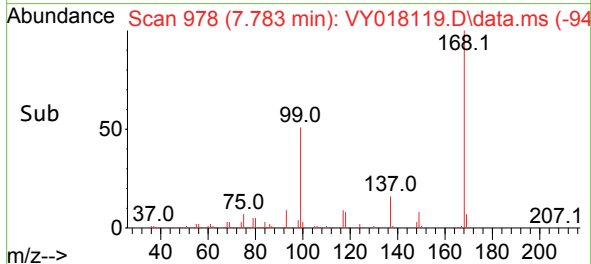


#38
Carbon Tetrachloride
Concen: 6.071 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018119.D
Acq: 02 May 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

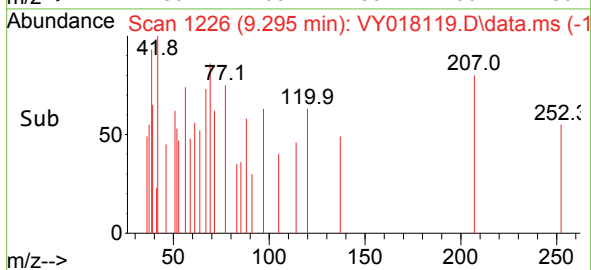
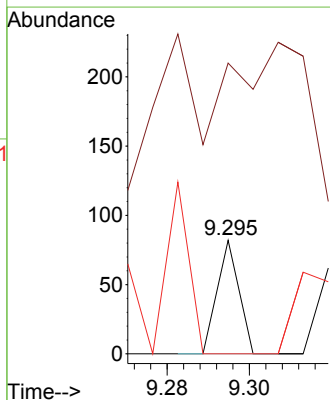
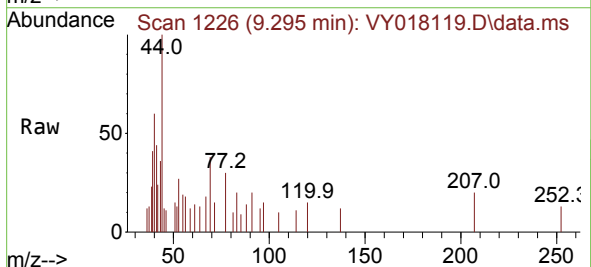


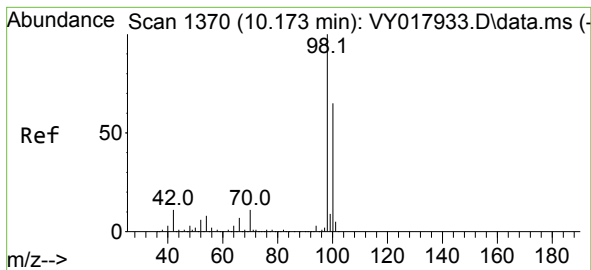
Tgt Ion:117 Resp: 24646
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.774 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY018119.D
Acq: 02 May 2024 16:05

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 250.0 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 48.968 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

Instrument :

MSVOA_Y

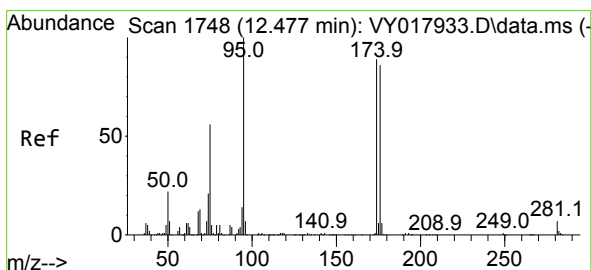
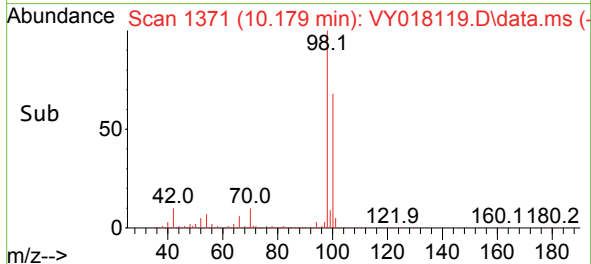
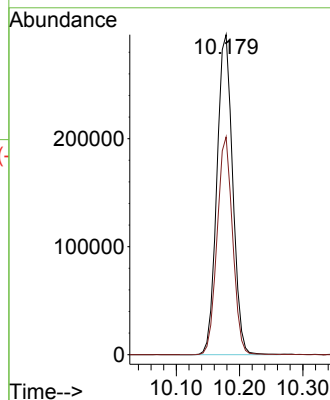
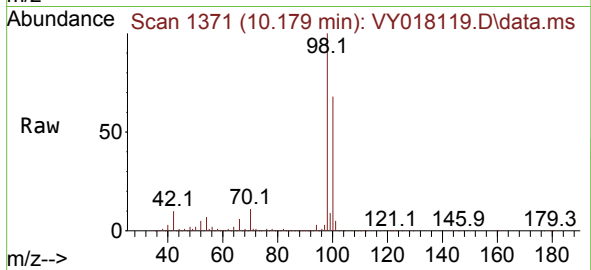
ClientSampleId :

Tgt Ion: 98 Resp: 512186

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.692 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

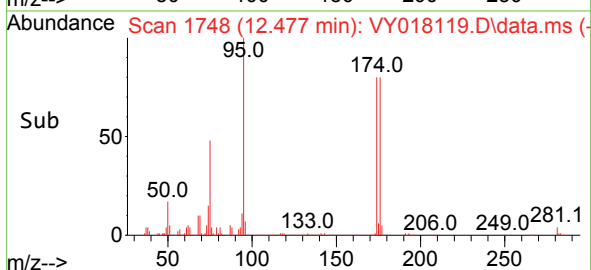
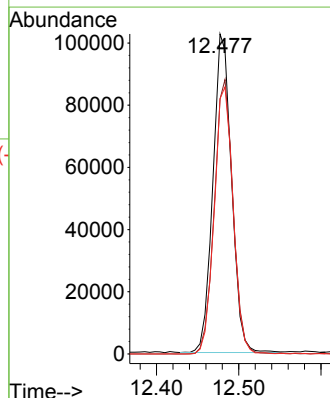
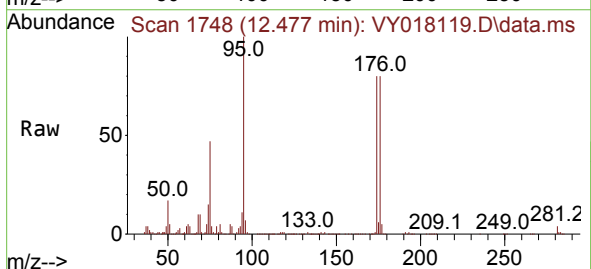
Tgt Ion: 95 Resp: 160876

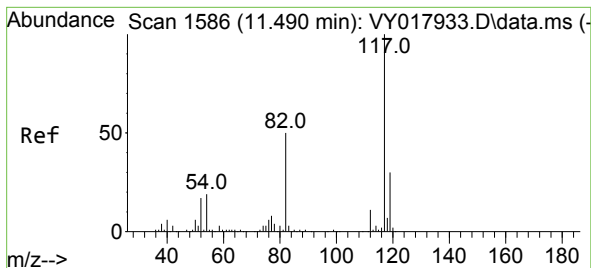
Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.6

176 85.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

Instrument :

MSVOA_Y

ClientSampleId :

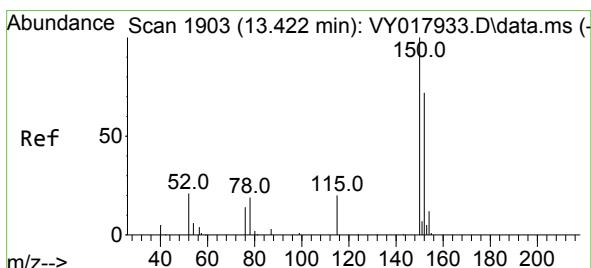
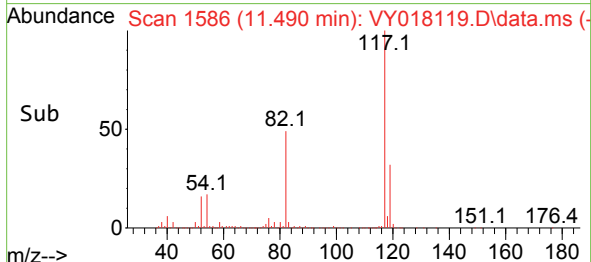
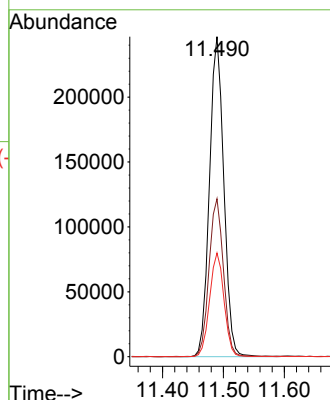
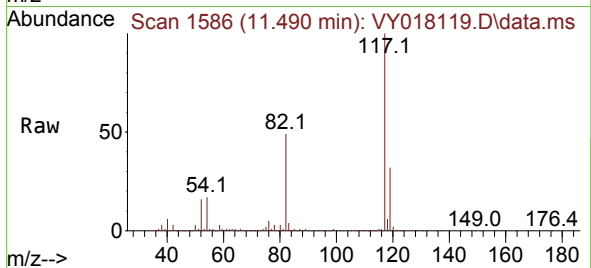
Tgt Ion:117 Resp: 403701

Ion Ratio Lower Upper

117 100

82 49.3 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

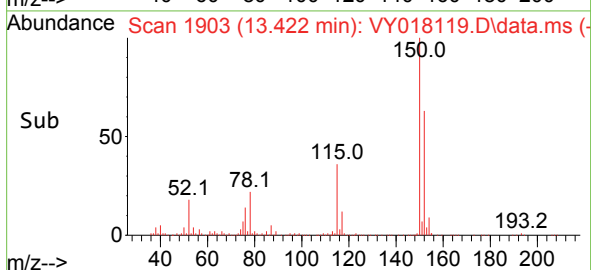
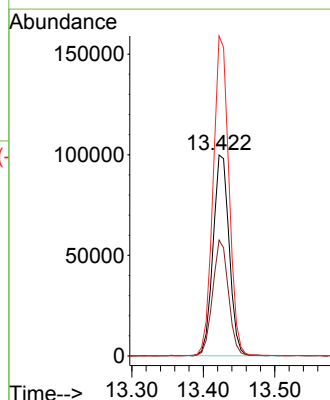
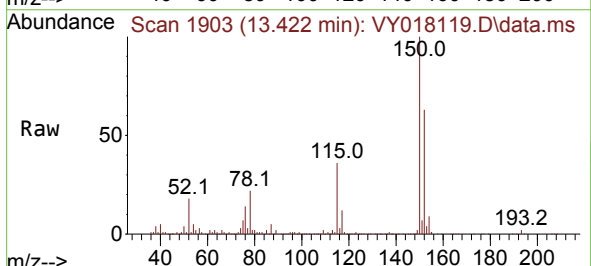
Tgt Ion:152 Resp: 156238

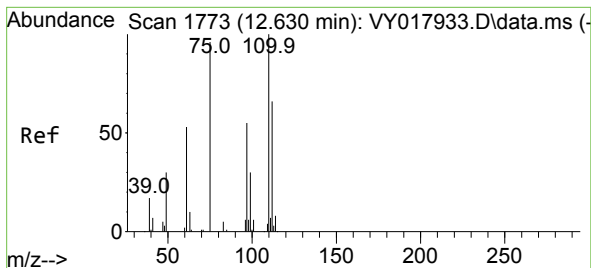
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 156.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 58.151 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

Instrument :

MSVOA_Y

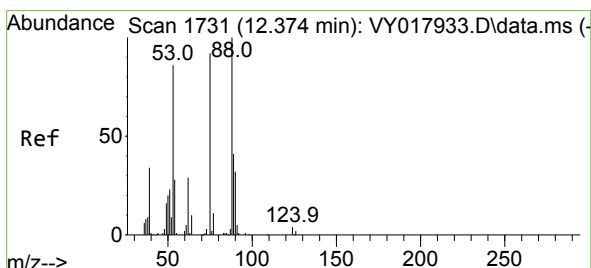
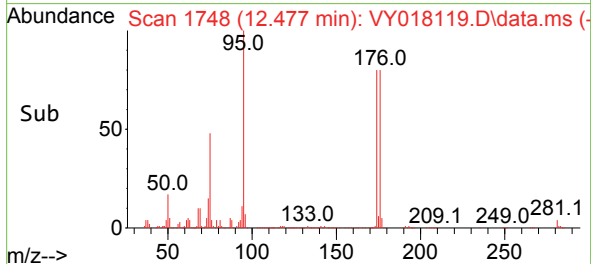
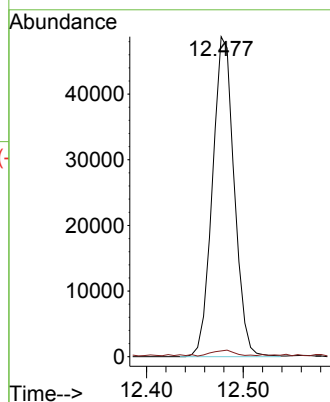
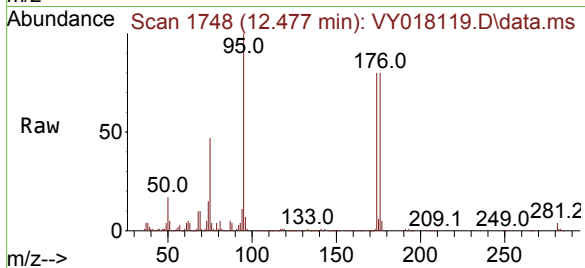
ClientSampleId :

Tgt Ion: 75 Resp: 76249

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.937 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY018119.D

Acq: 02 May 2024 16:05

Tgt Ion: 75 Resp: 76249

Ion Ratio Lower Upper

75 100

53 0.5 66.8 100.2#

89 0.3 35.8 53.6#

