

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018118.D
 Acq On : 02 May 2024 15:42
 Operator : SY/MD
 Sample : P2337-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:05:21 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	270222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102117	47.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.710	113	134939	49.900	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.179	98	510893	48.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.477	95	148814	40.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.920%

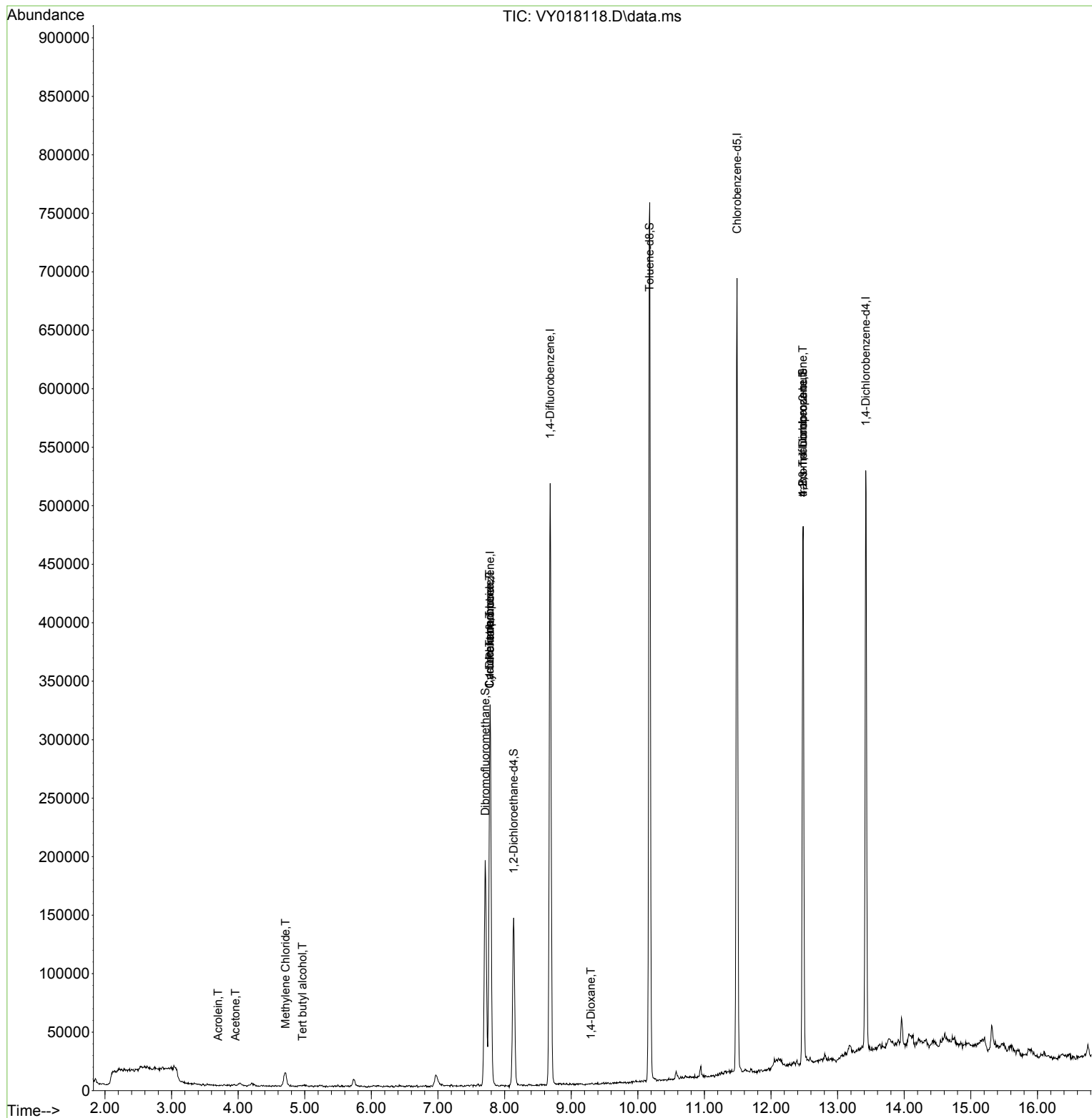
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	231	1.331	ug/l #	1
13) Acrolein	3.698	56	282	1.091	ug/l #	65
16) Acetone	3.960	43	450	1.109	ug/l #	87
20) Methylene Chloride	4.710	84	9919	3.488	ug/l	97
31) Cyclohexane	7.777	56	5600	1.372	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	18643	5.165	ug/l #	48
38) Carbon Tetrachloride	7.777	117	24543	5.990	ug/l #	16
49) 1,4-Dioxane	9.295	88	37	2.167	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	69879	62.500	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69879	113.860	ug/l #	16

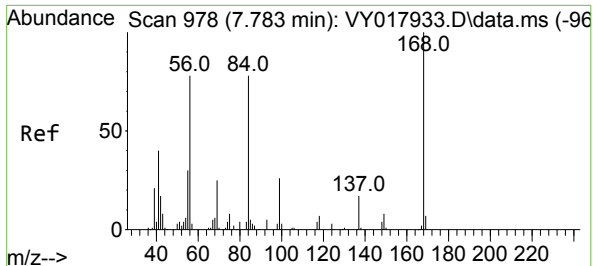
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 02 23:05:21 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

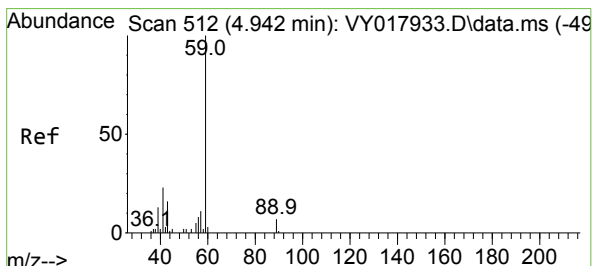
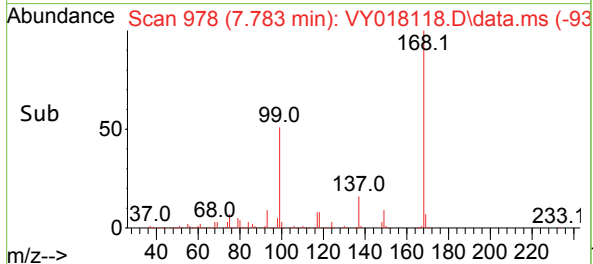
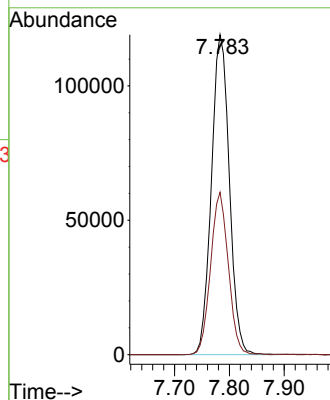
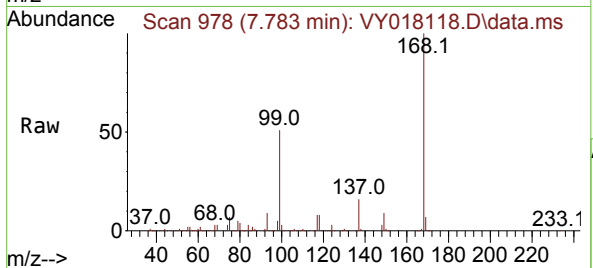




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

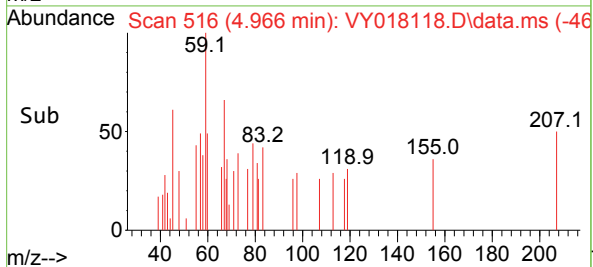
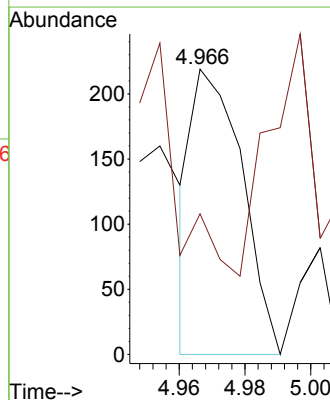
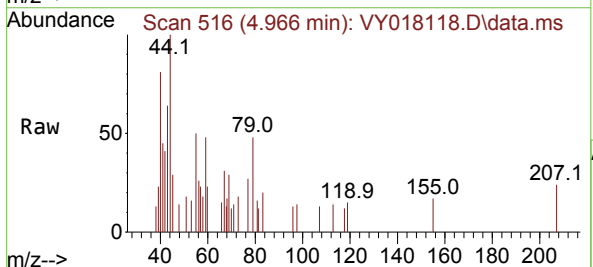
Instrument :
MSVOA_Y
ClientSampleId :

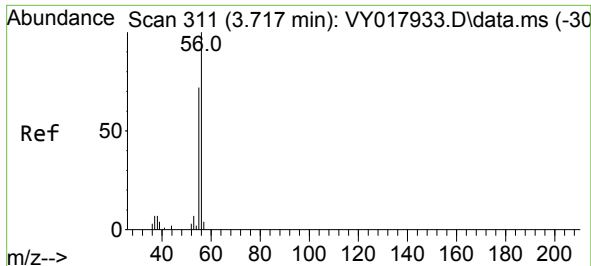
Tgt Ion:168 Resp: 270222
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.331 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 93.1 3.0 4.6#





#13

Acrolein

Concen: 1.091 ug/l

RT: 3.698 min Scan# 308

Delta R.T. -0.031 min

Lab File: VY018118.D

Acq: 02 May 2024 15:42

Instrument :

MSVOA_Y

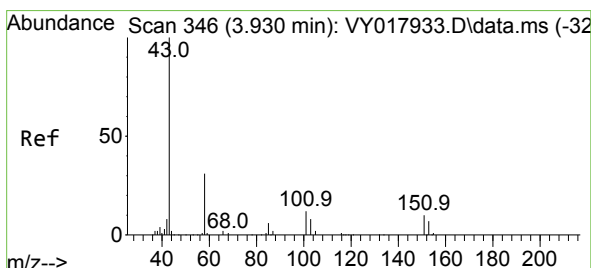
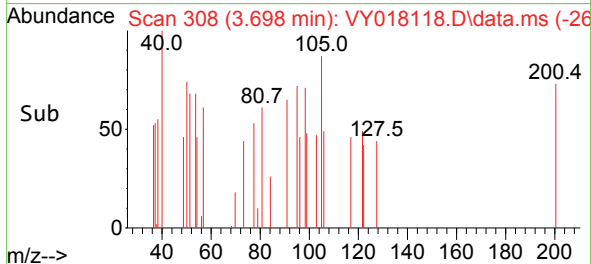
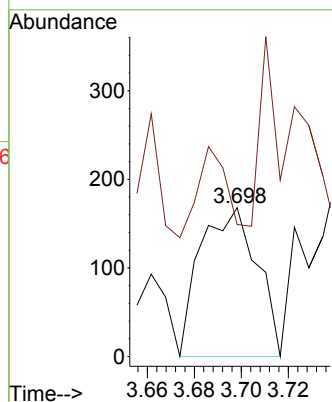
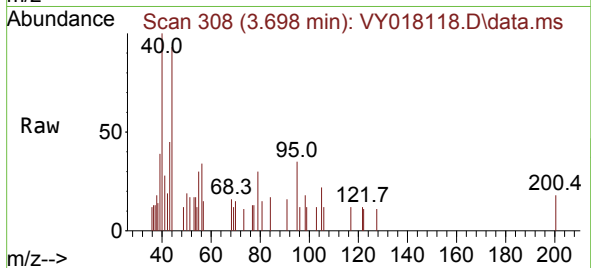
ClientSampleId :

Tgt Ion: 56 Resp: 282

Ion Ratio Lower Upper

56 100

55 98.6 55.7 83.5#



#16

Acetone

Concen: 1.109 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY018118.D

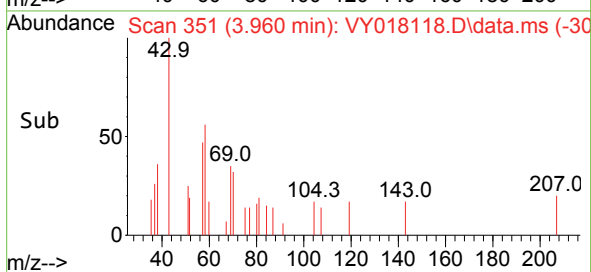
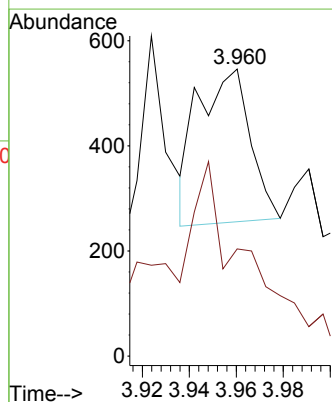
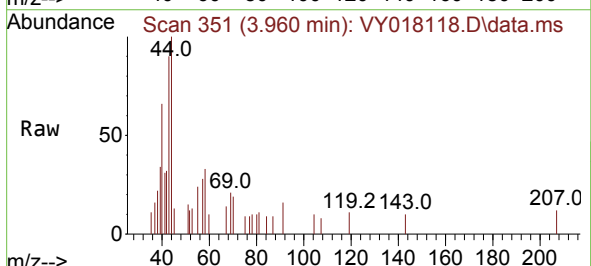
Acq: 02 May 2024 15:42

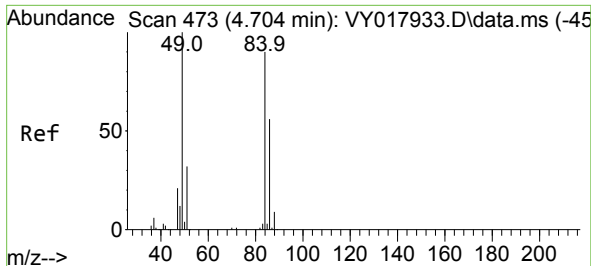
Tgt Ion: 43 Resp: 450

Ion Ratio Lower Upper

43 100

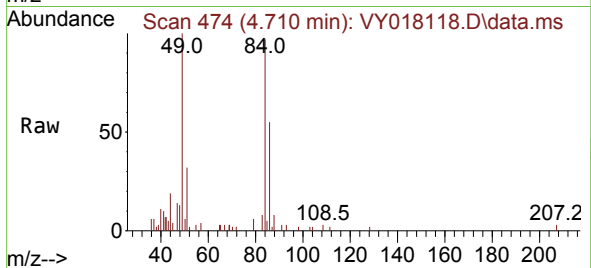
58 31.3 31.7 47.5#



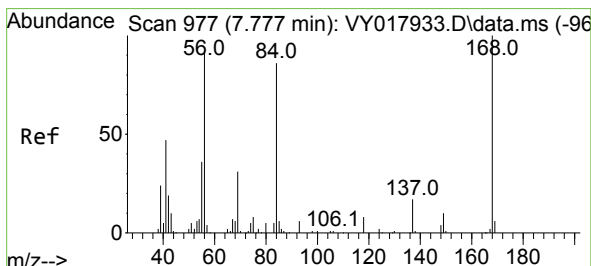
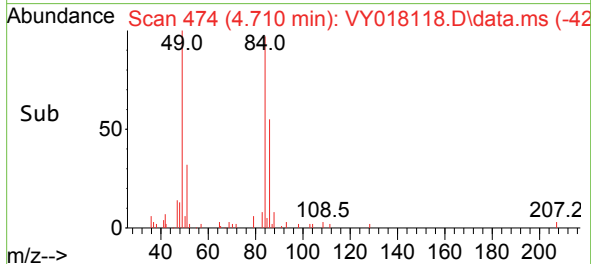
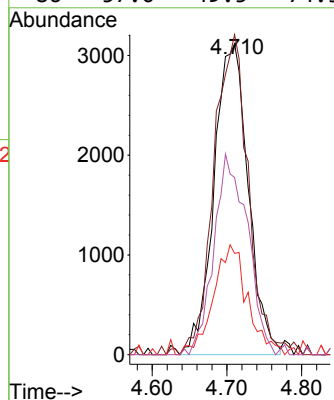


#20
Methylene Chloride
Concen: 3.488 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

Instrument :
MSVOA_Y
ClientSampleId :

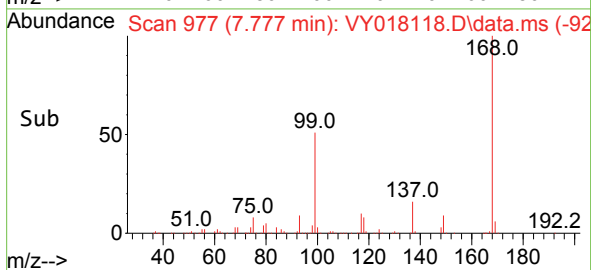
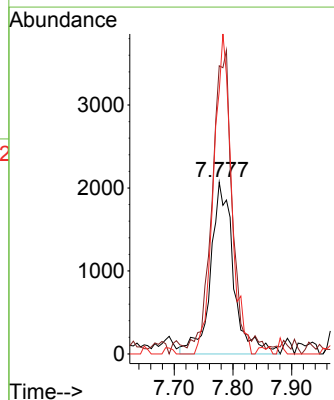
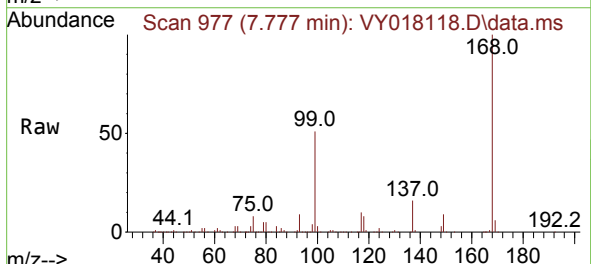


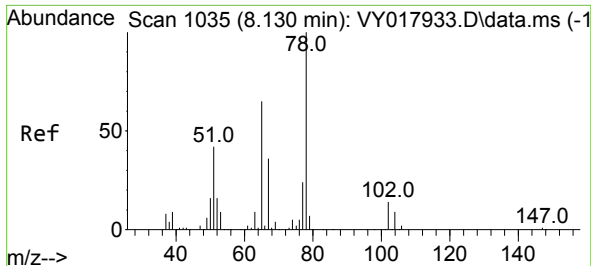
Tgt Ion: 84 Resp: 9919
Ion Ratio Lower Upper
84 100
49 102.9 84.4 126.6
51 32.6 26.0 39.0
86 57.0 49.5 74.3



#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

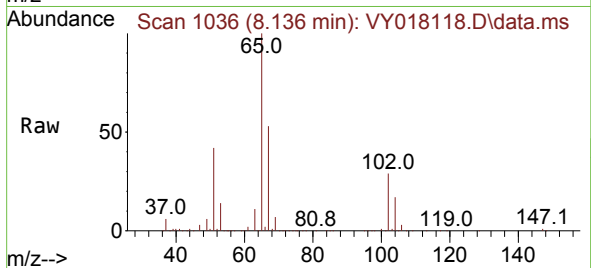
Tgt Ion: 56 Resp: 5600
Ion Ratio Lower Upper
56 100
69 163.8 28.7 43.1#
84 153.2 77.7 116.5#



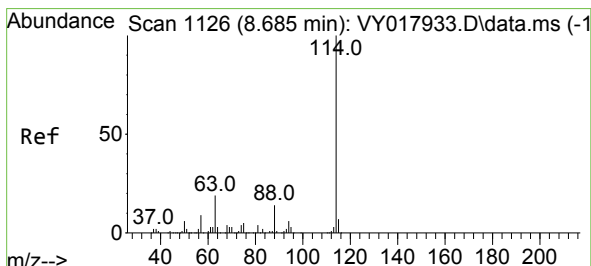
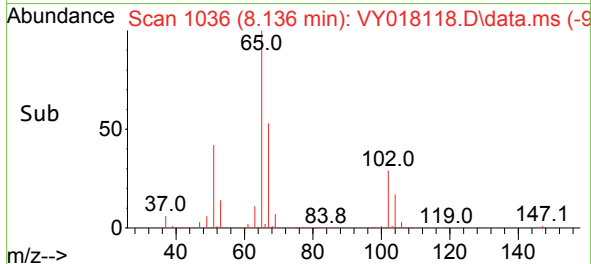
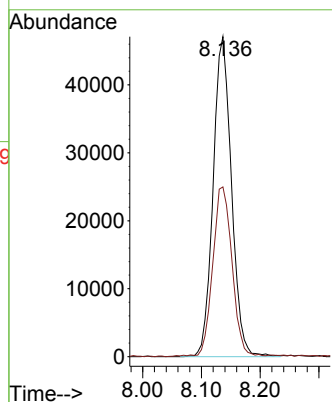


#33
 1,2-Dichloroethane-d4
 Concen: 47.942 ug/l
 RT: 8.136 min Scan# 1035
 Delta R.T. -0.006 min
 Lab File: VY018118.D
 Acq: 02 May 2024 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :

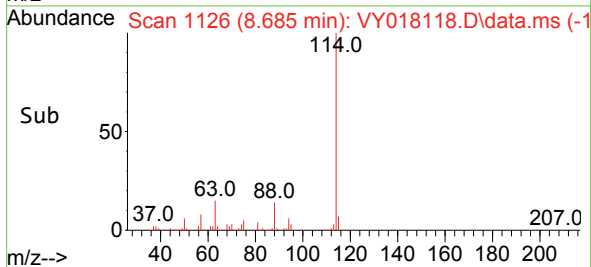
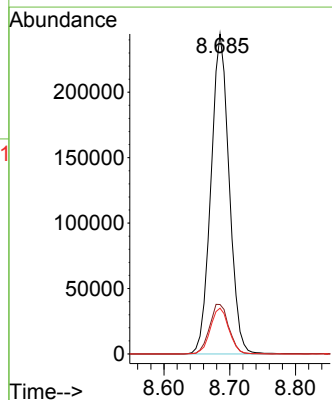
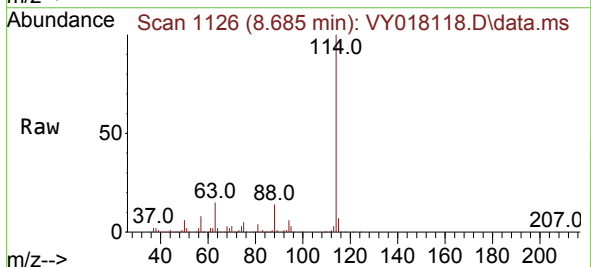


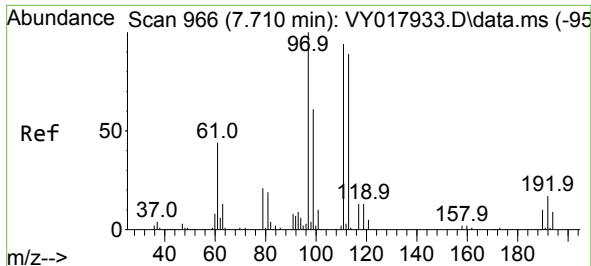
Tgt Ion: 65 Resp: 102117
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY018118.D
 Acq: 02 May 2024 15:42

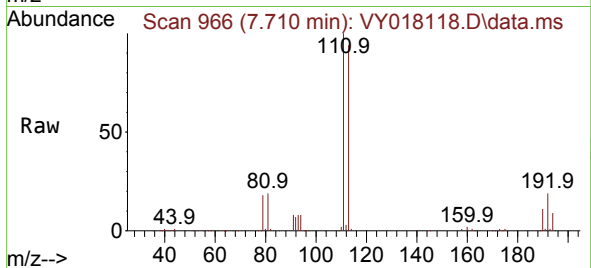
Tgt Ion: 114 Resp: 470565
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 35.0
 88 14.3 0.0 27.2



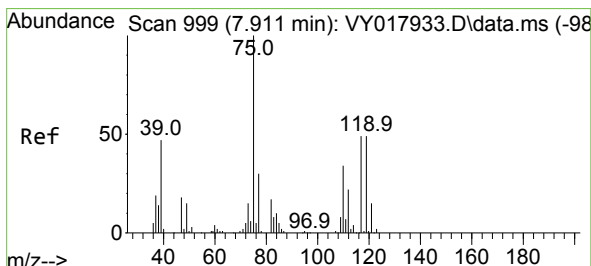
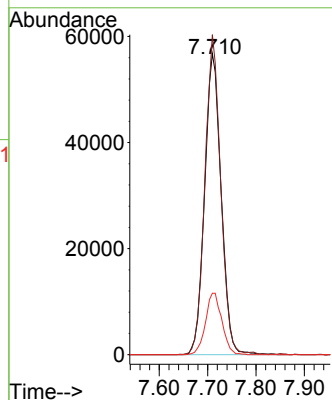
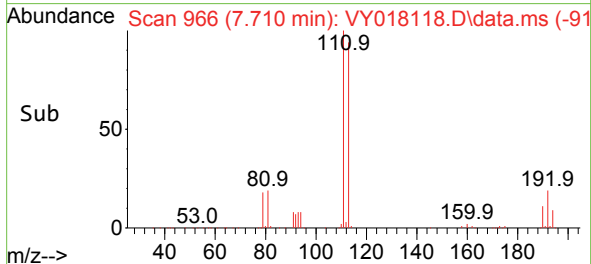


#35
Dibromofluoromethane
Concen: 49.900 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

Instrument :
MSVOA_Y
ClientSampleId :

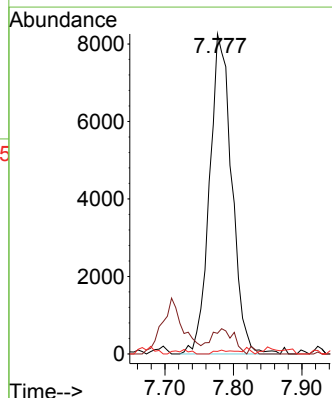
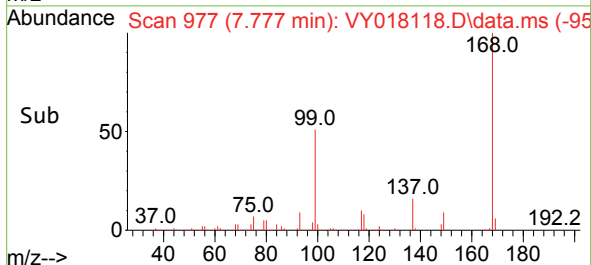
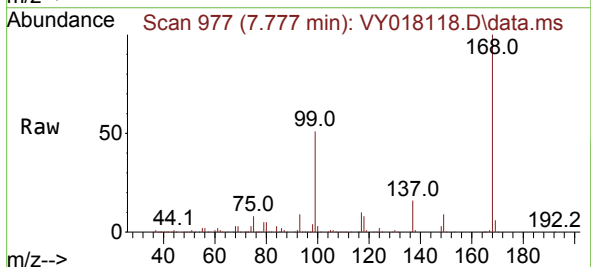


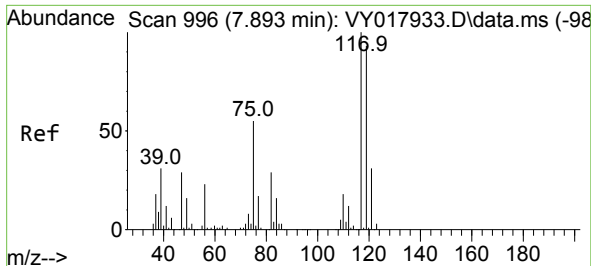
Tgt Ion:113 Resp: 134939
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

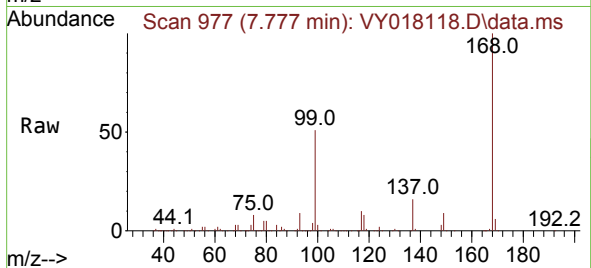
Tgt Ion: 75 Resp: 18643
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 1.0 25.3 37.9#



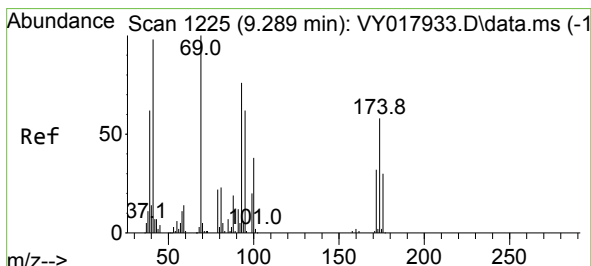
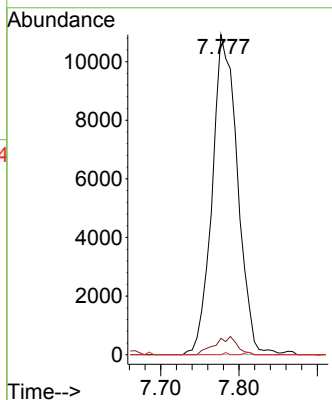
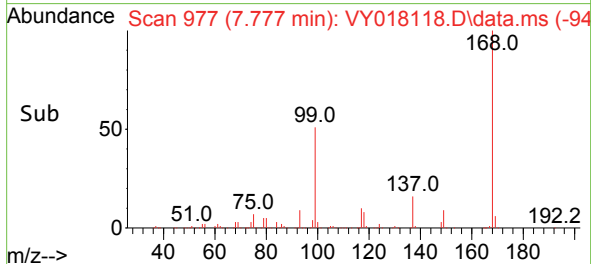


#38
Carbon Tetrachloride
Concen: 5.990 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

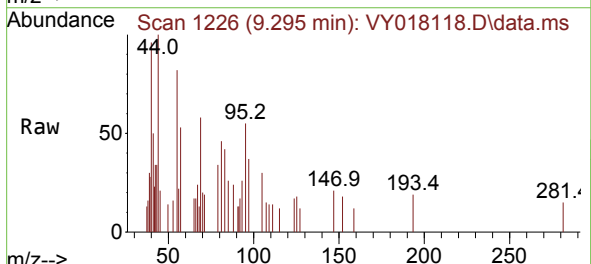
Instrument :
MSVOA_Y
ClientSampleId :



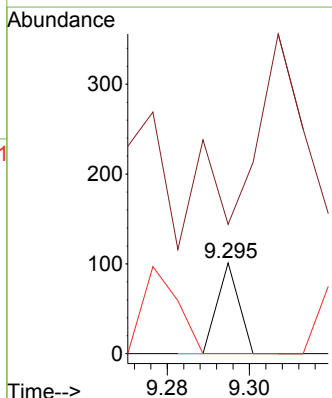
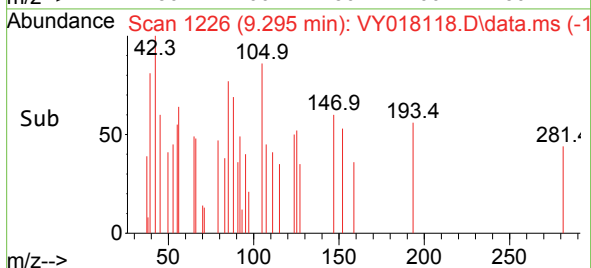
Tgt Ion:117 Resp: 24543
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#

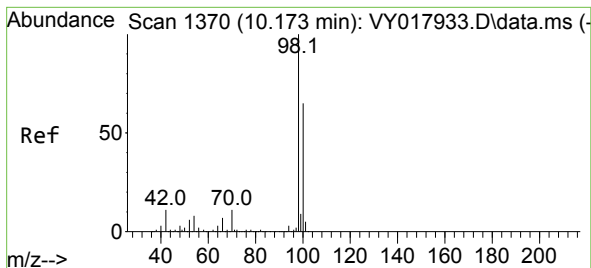


#49
1,4-Dioxane
Concen: 2.167 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42



Tgt Ion: 88 Resp: 37
Ion Ratio Lower Upper
88 100
43 643.2 0.0 0.0#
58 0.0 49.3 73.9#

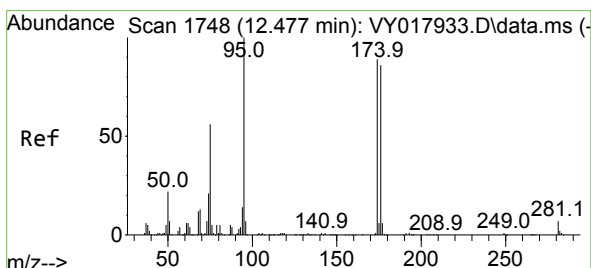
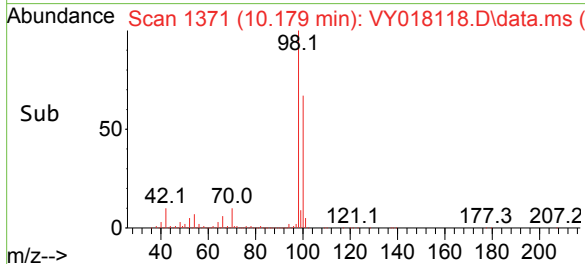
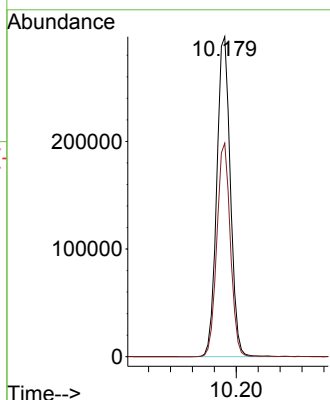
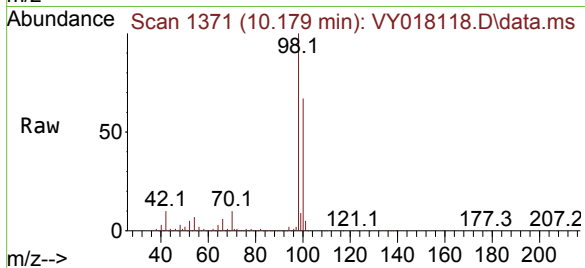




#50
Toluene-d8
Concen: 48.394 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

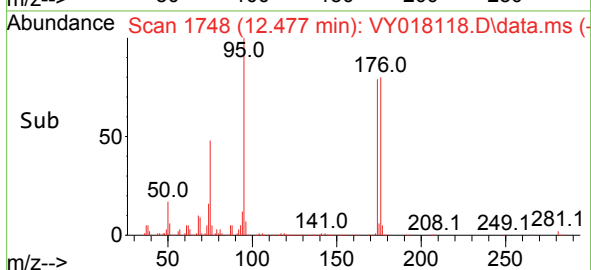
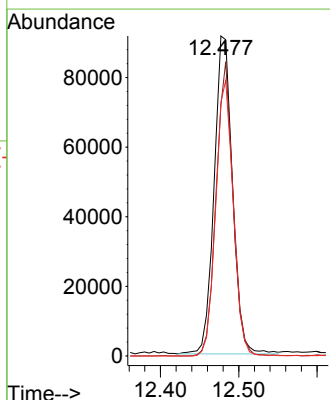
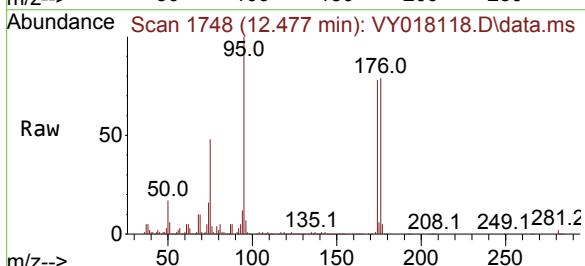
Instrument :
MSVOA_Y
ClientSampleId :

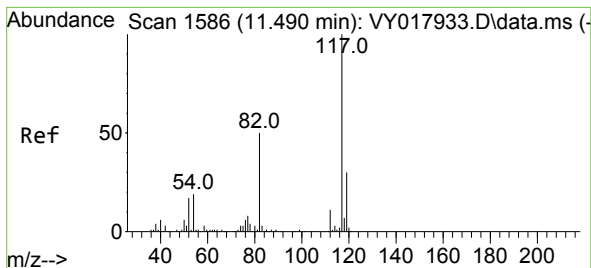
Tgt Ion: 98 Resp: 510893
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.961 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

Tgt Ion: 95 Resp: 148814
Ion Ratio Lower Upper
95 100
174 86.0 0.0 175.6
176 82.8 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: VY018118.D

Acq: 02 May 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

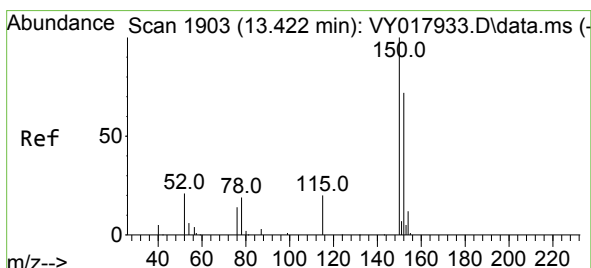
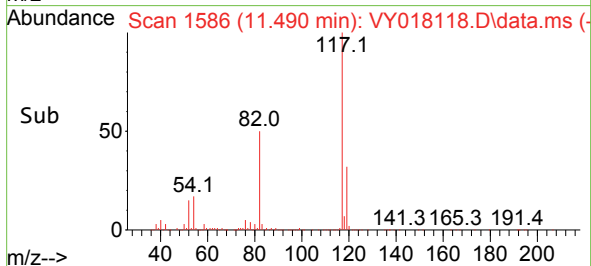
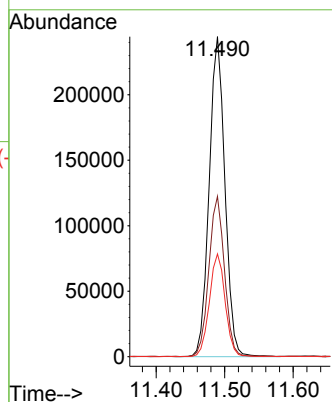
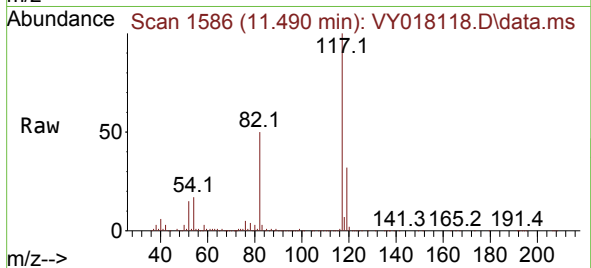
Tgt Ion:117 Resp: 389723

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 32.1 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: VY018118.D

Acq: 02 May 2024 15:42

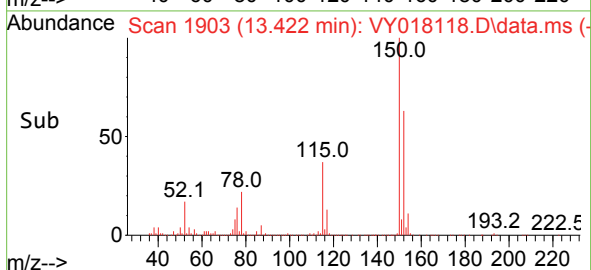
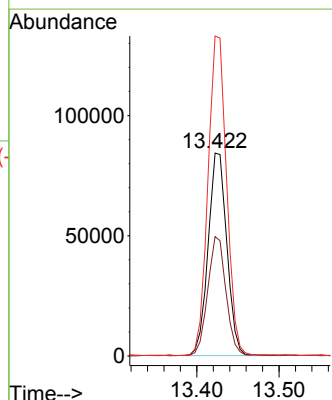
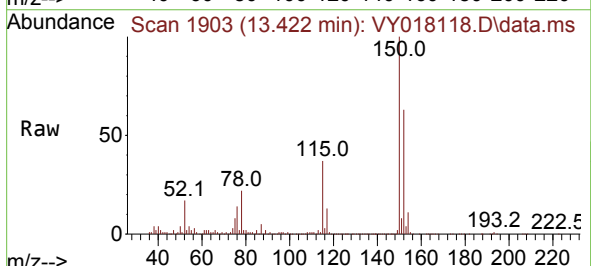
Tgt Ion:152 Resp: 133222

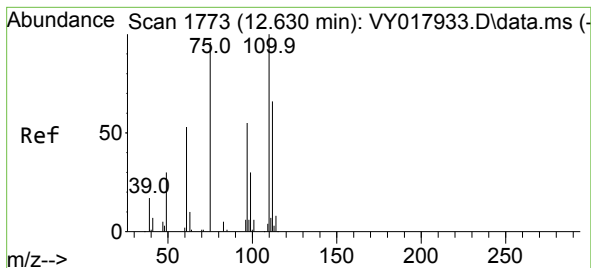
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 156.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 62.500 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018118.D

Acq: 02 May 2024 15:42

Instrument :

MSVOA_Y

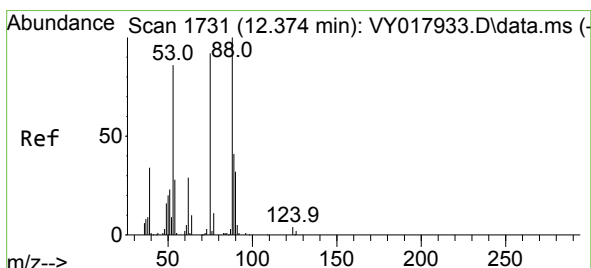
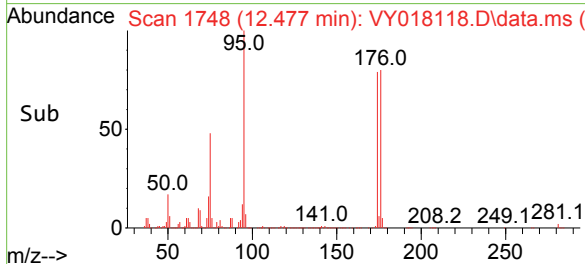
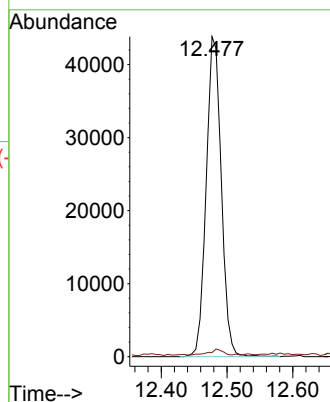
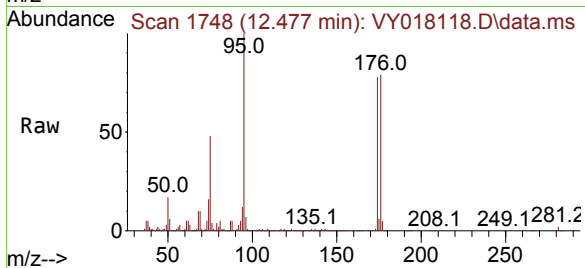
ClientSampleId :

Tgt Ion: 75 Resp: 69879

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.860 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY018118.D

Acq: 02 May 2024 15:42

Tgt Ion: 75 Resp: 69879

Ion Ratio Lower Upper

75 100

53 0.3 66.8 100.2#

89 0.0 35.8 53.6#

