

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018140.D
 Acq On : 03 May 2024 14:10
 Operator : SY/MD
 Sample : P2357-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 02:57:26 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	231137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	419527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148615	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99697	54.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.440%
35) Dibromofluoromethane	7.710	113	121558	50.420	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.179	98	467670	49.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.483	95	149150	46.047	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.100%

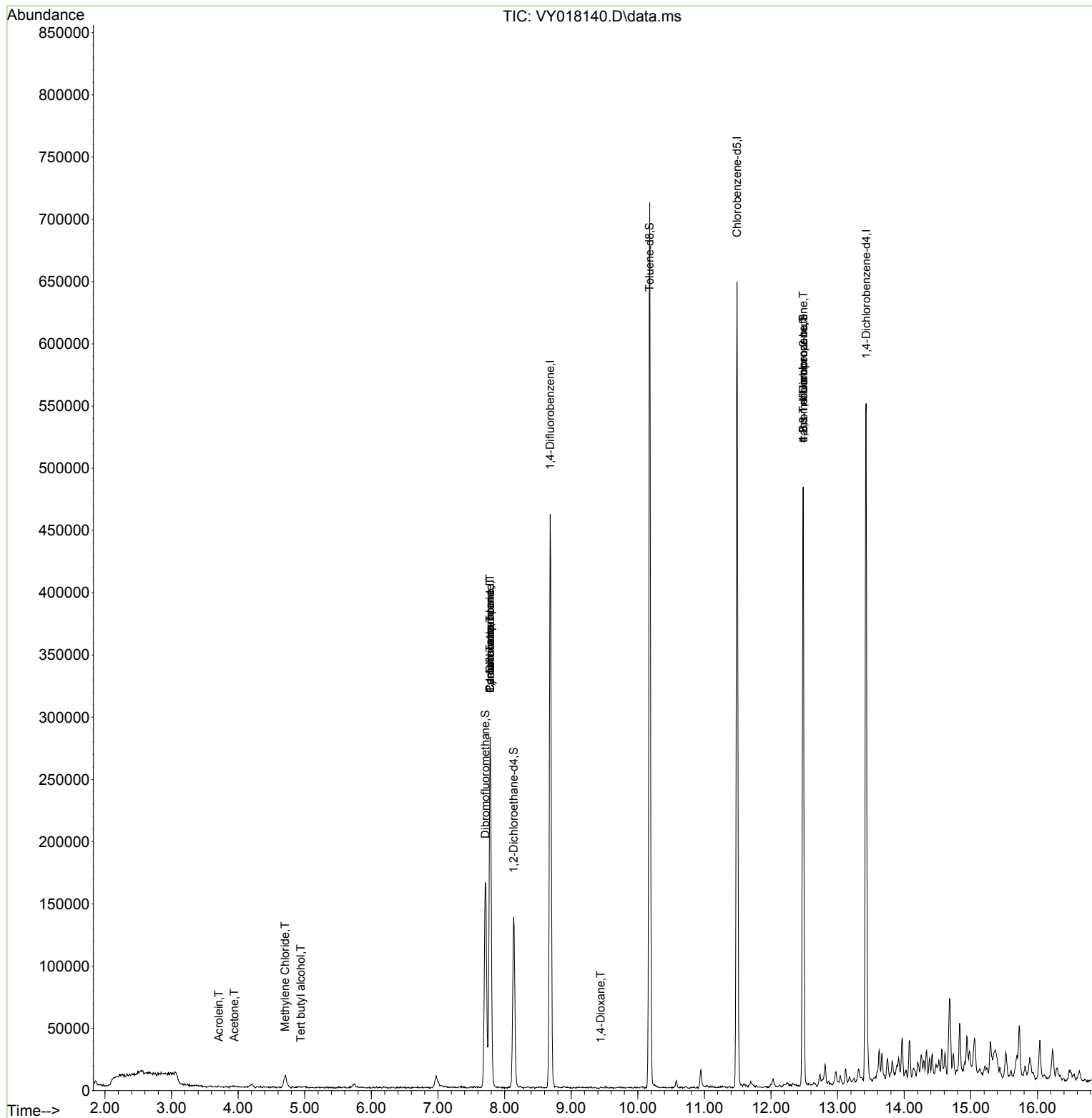
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	323	2.175	ug/l #	88
13) Acrolein	3.710	56	359	1.624	ug/l #	78
16) Acetone	3.942	43	863	2.486	ug/l	90
20) Methylene Chloride	4.704	84	7516	3.090	ug/l	90
31) Cyclohexane	7.783	56	4303	1.233	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15878	4.934	ug/l #	50
38) Carbon Tetrachloride	7.783	117	21257	5.819	ug/l #	17
49) 1,4-Dioxane	9.441	88	23	1.511	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	72186	57.876	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72186	105.437	ug/l #	16

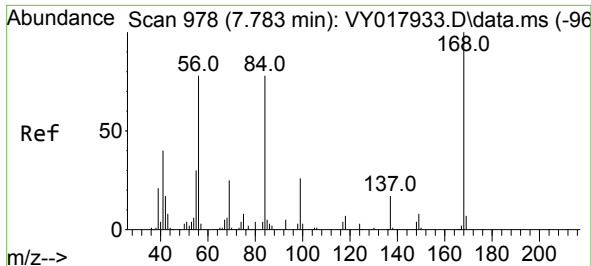
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

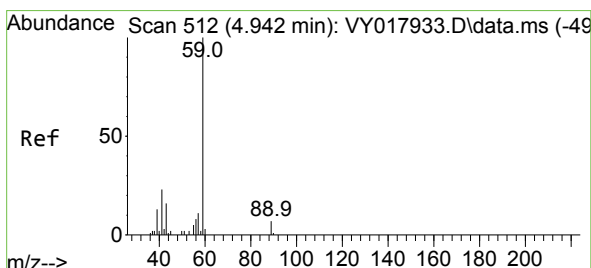
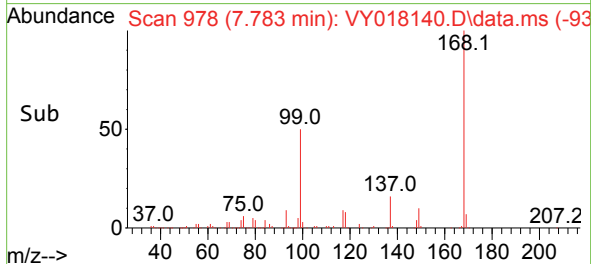
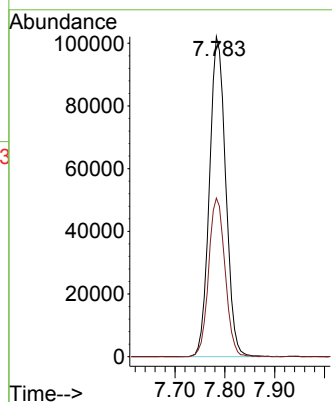
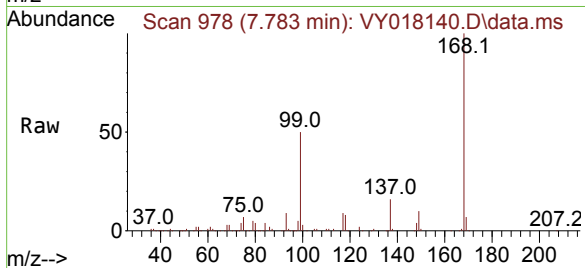




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

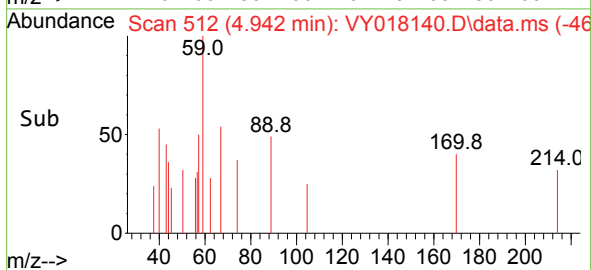
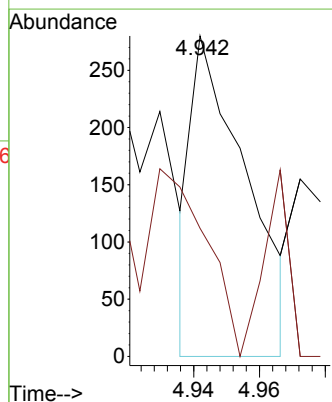
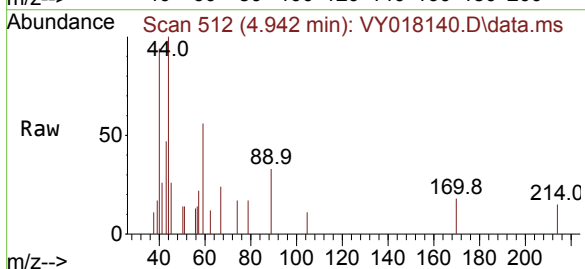
Instrument :
MSVOA_Y
ClientSampleId :

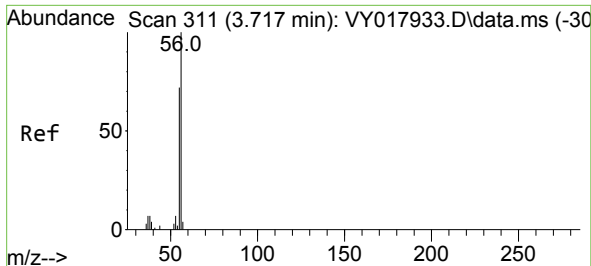
Tgt Ion:168 Resp: 231137
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.175 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

Tgt Ion: 59 Resp: 323
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: 1.624 ug/l

RT: 3.710 min Scan# 311

Delta R.T. -0.019 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

Instrument :

MSVOA_Y

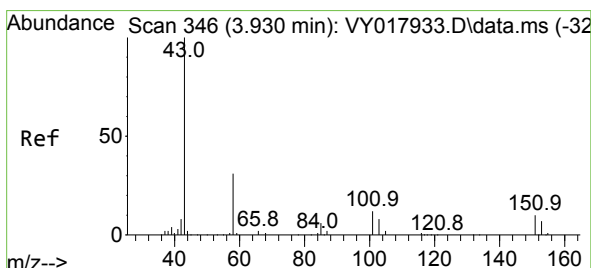
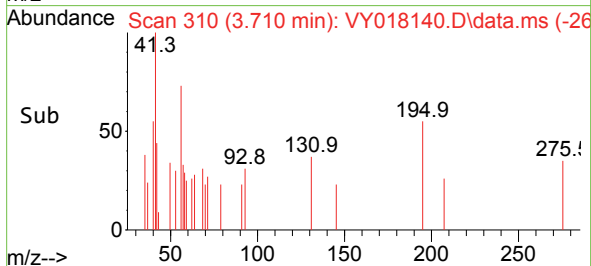
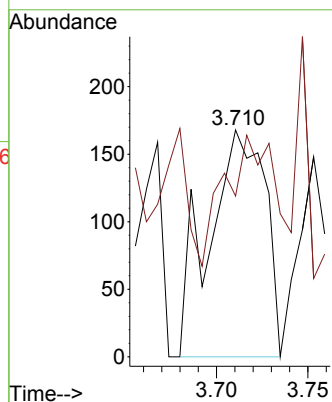
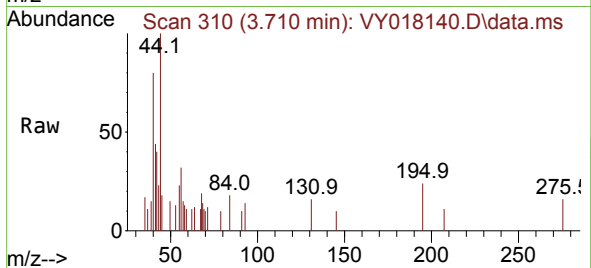
ClientSampleId :

Tgt Ion: 56 Resp: 359

Ion Ratio Lower Upper

56 100

55 51.3 55.7 83.5#



#16

Acetone

Concen: 2.486 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY018140.D

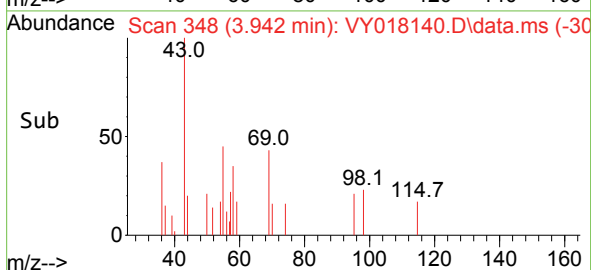
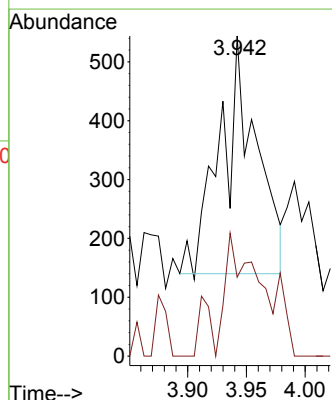
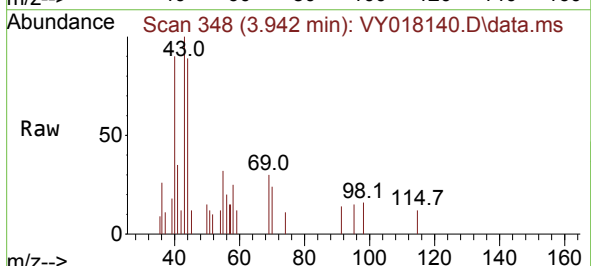
Acq: 03 May 2024 14:10

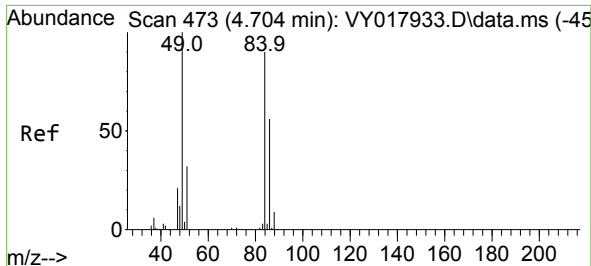
Tgt Ion: 43 Resp: 863

Ion Ratio Lower Upper

43 100

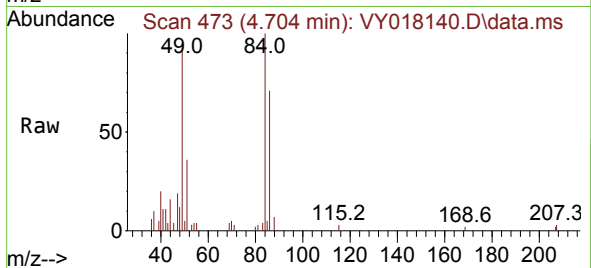
58 33.2 31.7 47.5



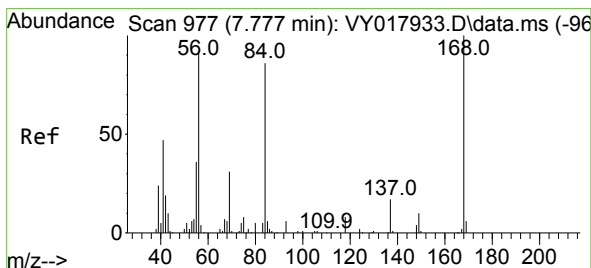
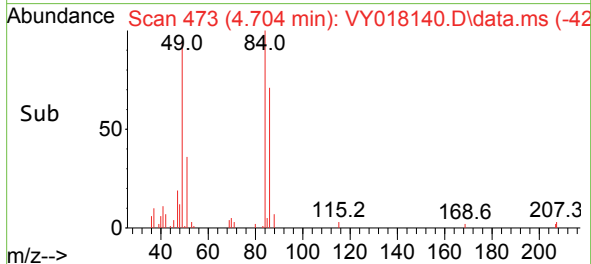
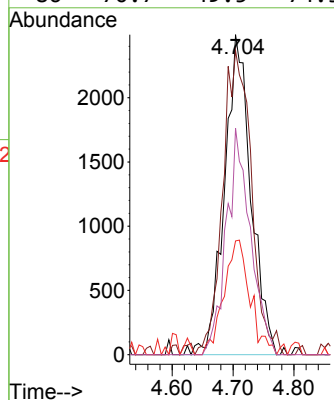


#20
Methylene Chloride
Concen: 3.090 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

Instrument :
MSVOA_Y
ClientSampleId :

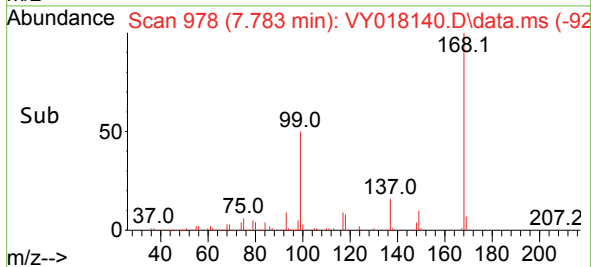
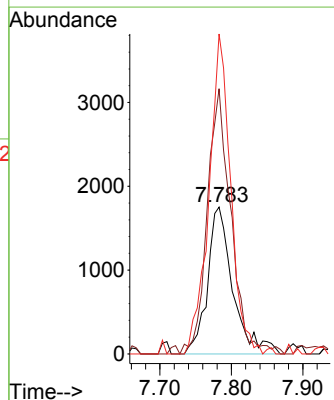
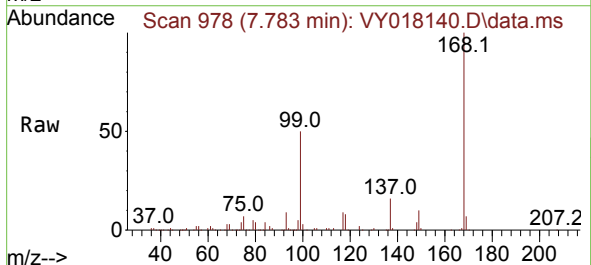


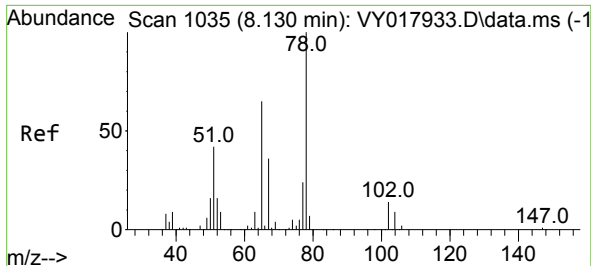
Tgt Ion:	84	Resp:	7516
Ion	Ratio	Lower	Upper
84	100		
49	95.0	84.4	126.6
51	35.6	26.0	39.0
86	70.7	49.5	74.3



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

Tgt Ion:	56	Resp:	4303
Ion	Ratio	Lower	Upper
56	100		
69	180.7	28.7	43.1#
84	217.9	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.721 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

Instrument :

MSVOA_Y

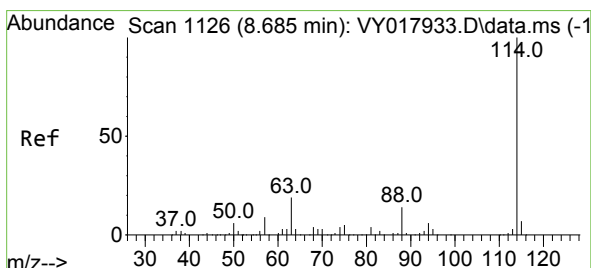
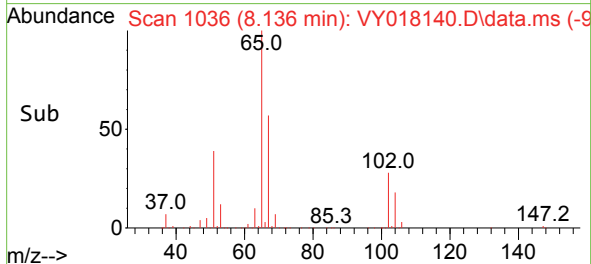
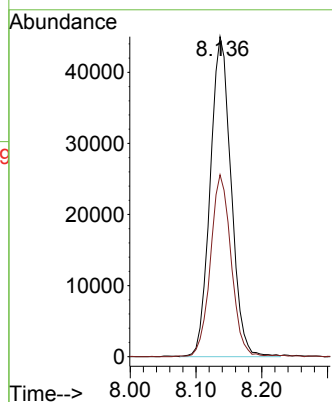
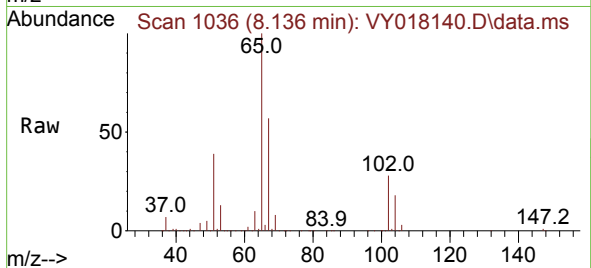
ClientSampleId :

Tgt Ion: 65 Resp: 99697

Ion Ratio Lower Upper

65 100

67 56.2 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: VY018140.D

Acq: 03 May 2024 14:10

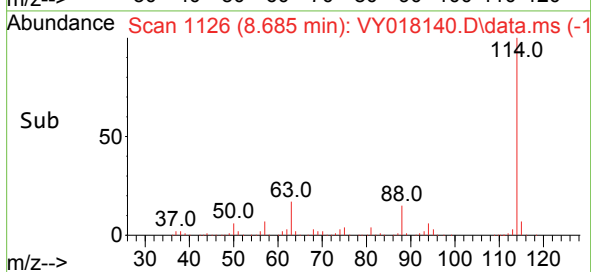
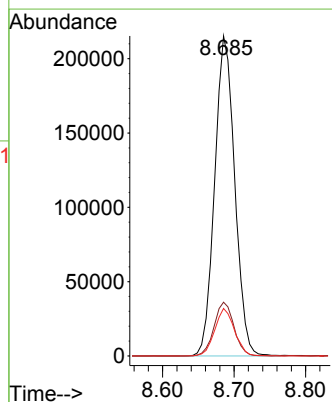
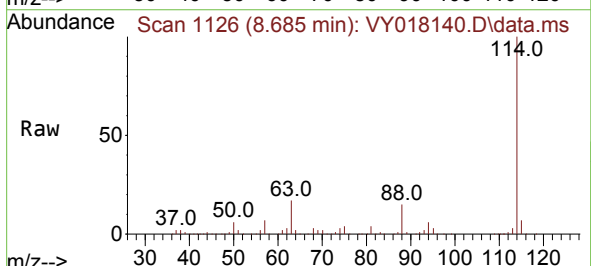
Tgt Ion: 114 Resp: 419527

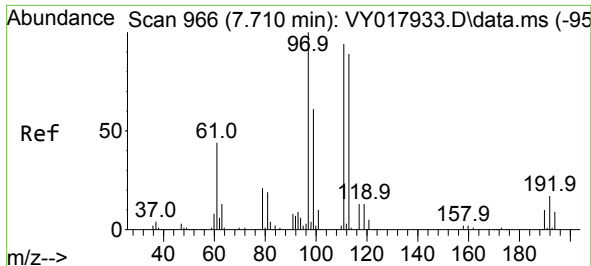
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

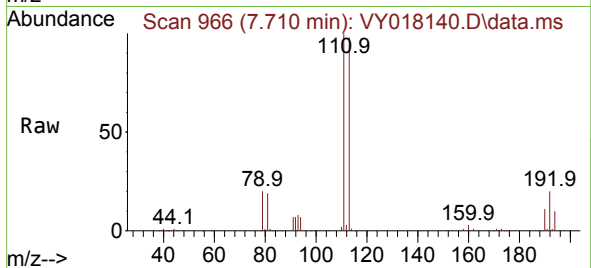
88 14.8 0.0 27.2



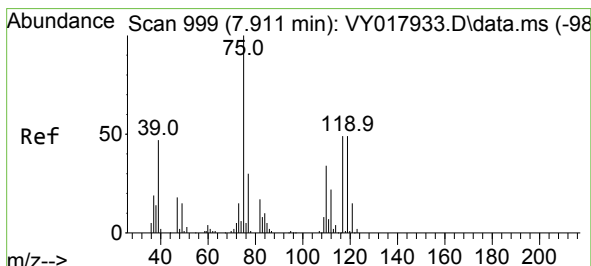
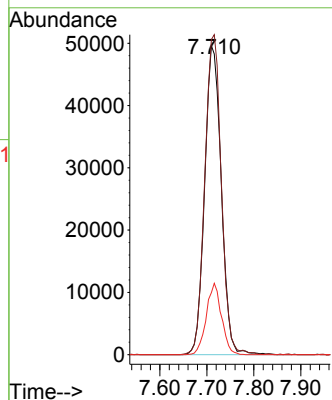
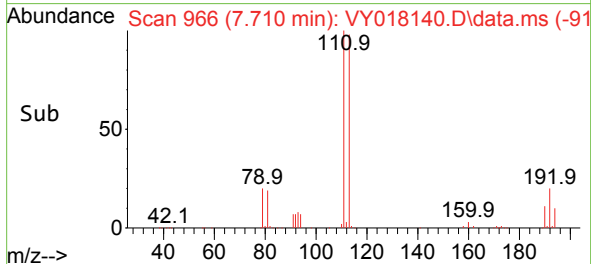


#35
Dibromofluoromethane
Concen: 50.420 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

Instrument :
MSVOA_Y
ClientSampleId :

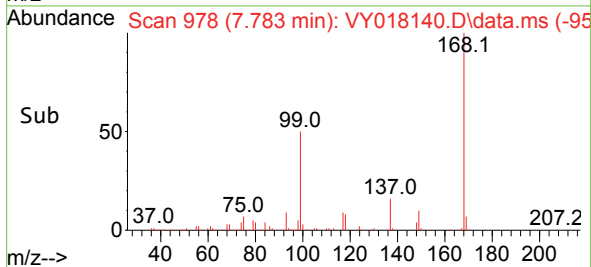
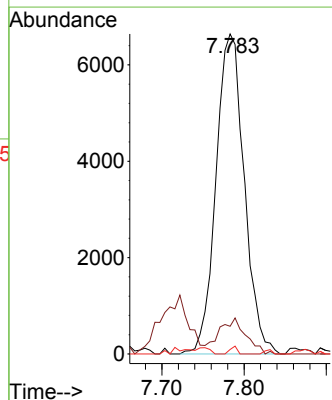
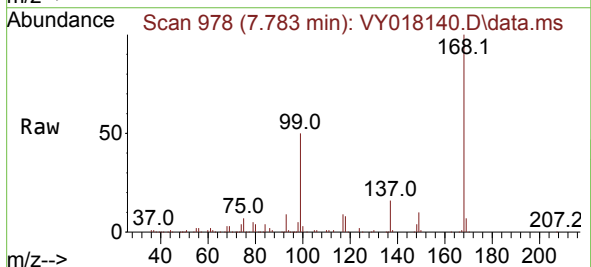


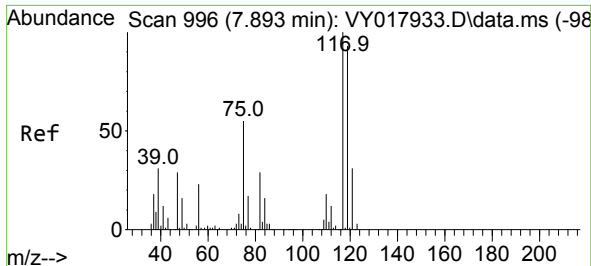
Tgt Ion:113 Resp: 121558
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

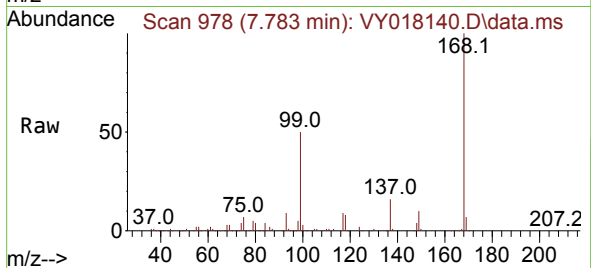
Tgt Ion: 75 Resp: 15878
Ion Ratio Lower Upper
75 100
110 10.6 19.0 57.0#
77 0.6 25.3 37.9#



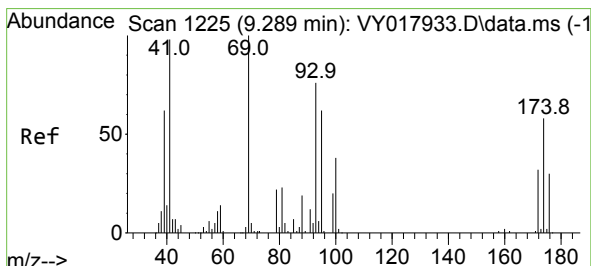
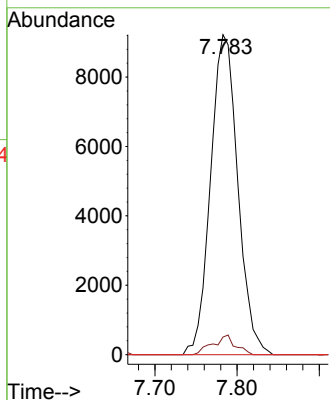
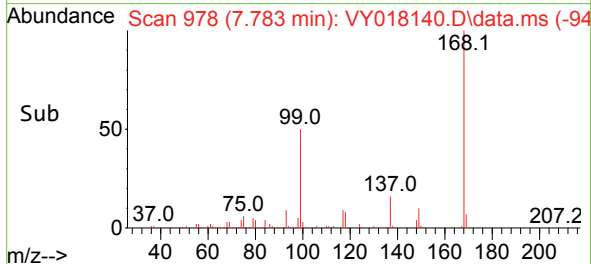


#38
Carbon Tetrachloride
Concen: 5.819 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

Instrument :
MSVOA_Y
ClientSampleId :

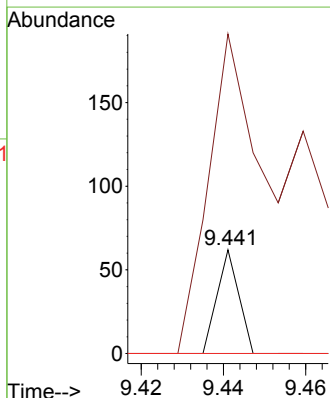
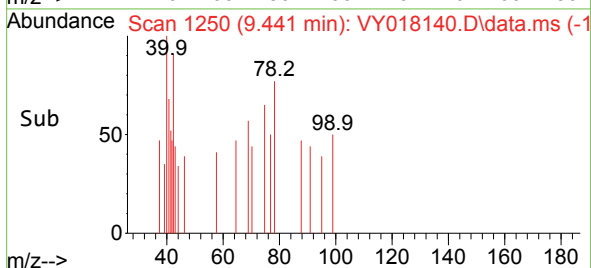
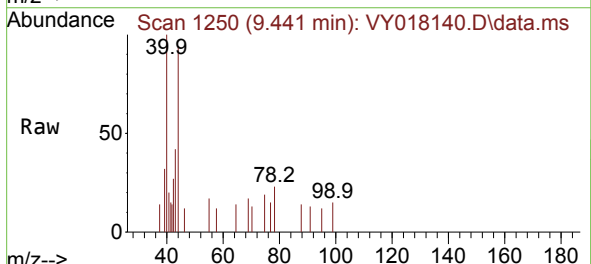


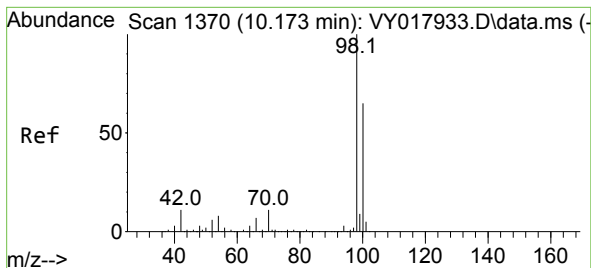
Tgt Ion:117 Resp: 21257
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.511 ug/l
RT: 9.441 min Scan# 1250
Delta R.T. 0.140 min
Lab File: VY018140.D
Acq: 03 May 2024 14:10

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 765.2 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 49.689 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

Instrument :

MSVOA_Y

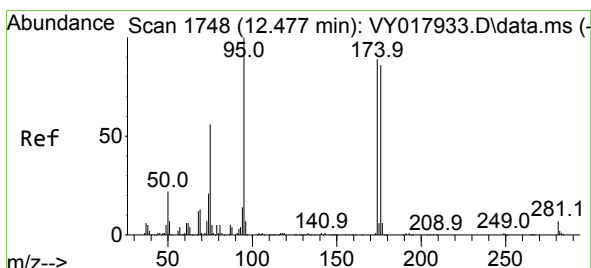
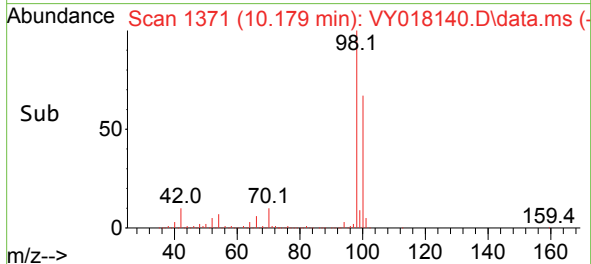
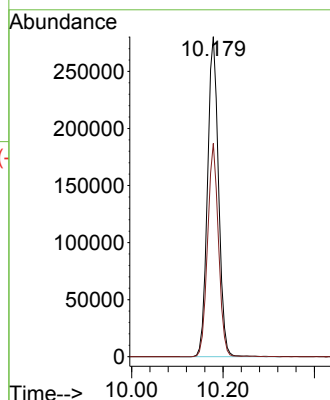
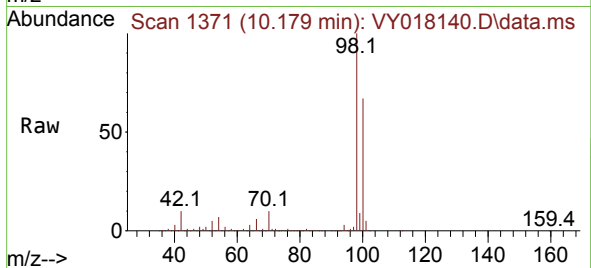
ClientSampleId :

Tgt Ion: 98 Resp: 467670

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.047 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

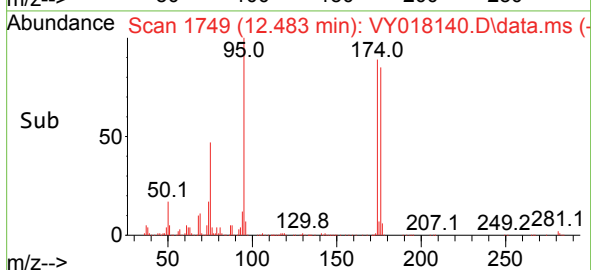
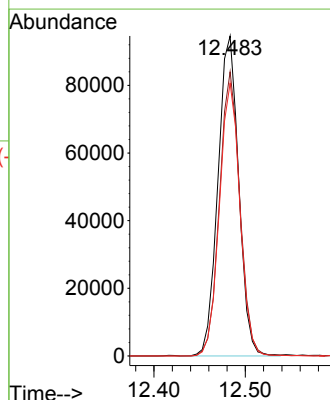
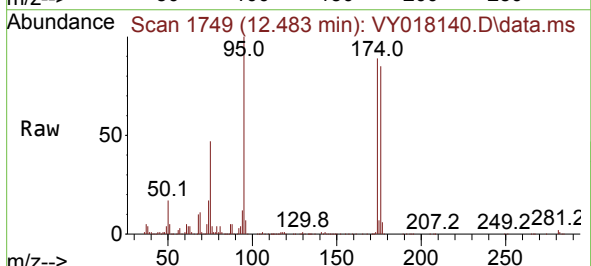
Tgt Ion: 95 Resp: 149150

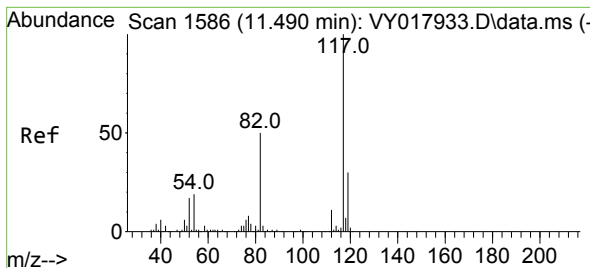
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.6

176 84.5 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: VY018140.D

Acq: 03 May 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

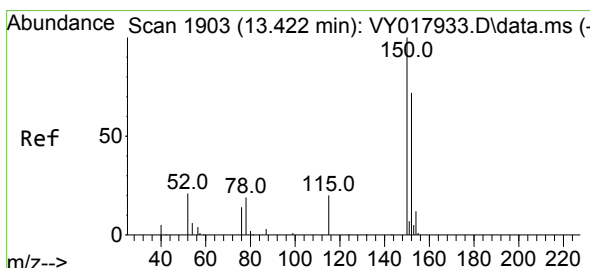
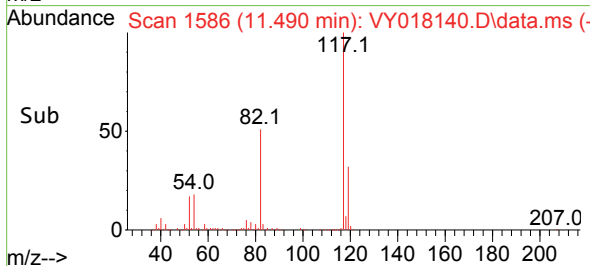
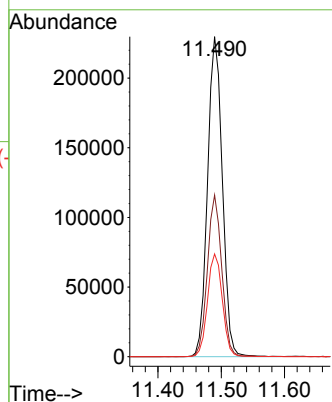
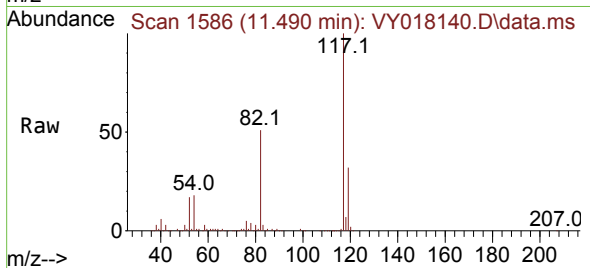
Tgt Ion:117 Resp: 374172

Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

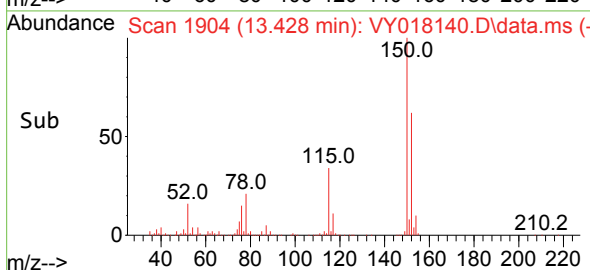
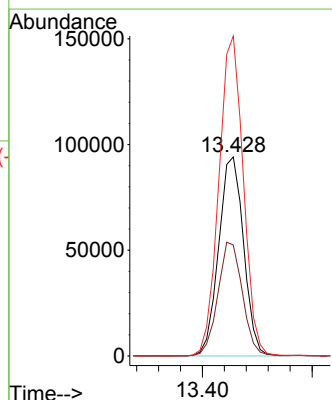
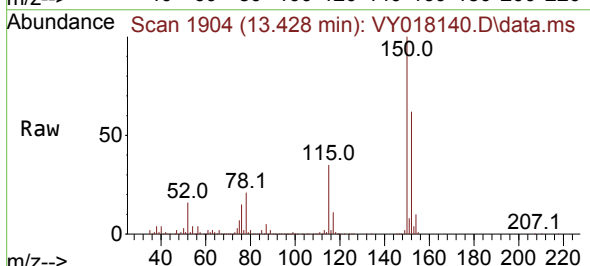
Tgt Ion:152 Resp: 148615

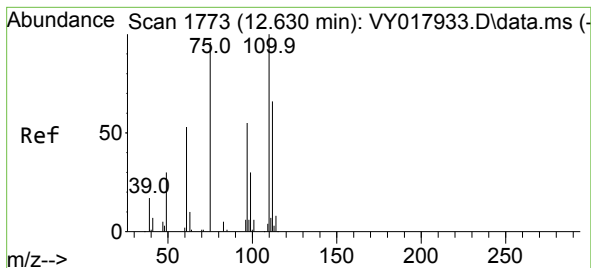
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 57.876 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

Instrument :

MSVOA_Y

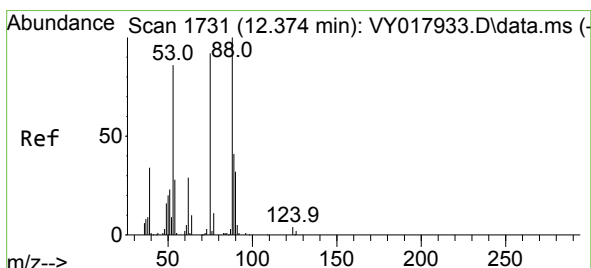
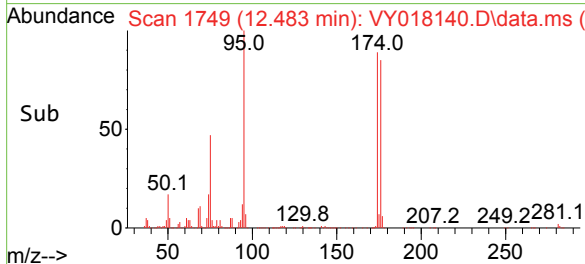
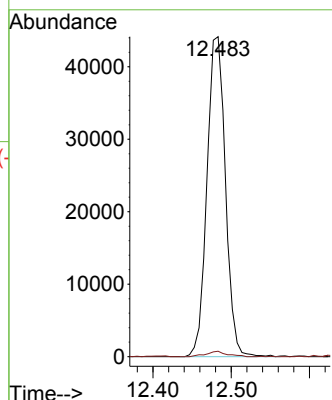
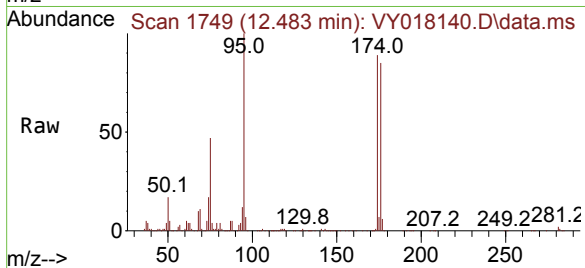
ClientSampleId :

Tgt Ion: 75 Resp: 72186

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.437 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018140.D

Acq: 03 May 2024 14:10

Tgt Ion: 75 Resp: 72186

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#

