

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019118.D
 Acq On : 19 Aug 2024 15:40
 Operator : SY/MD
 Sample : P3617-09
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:46:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

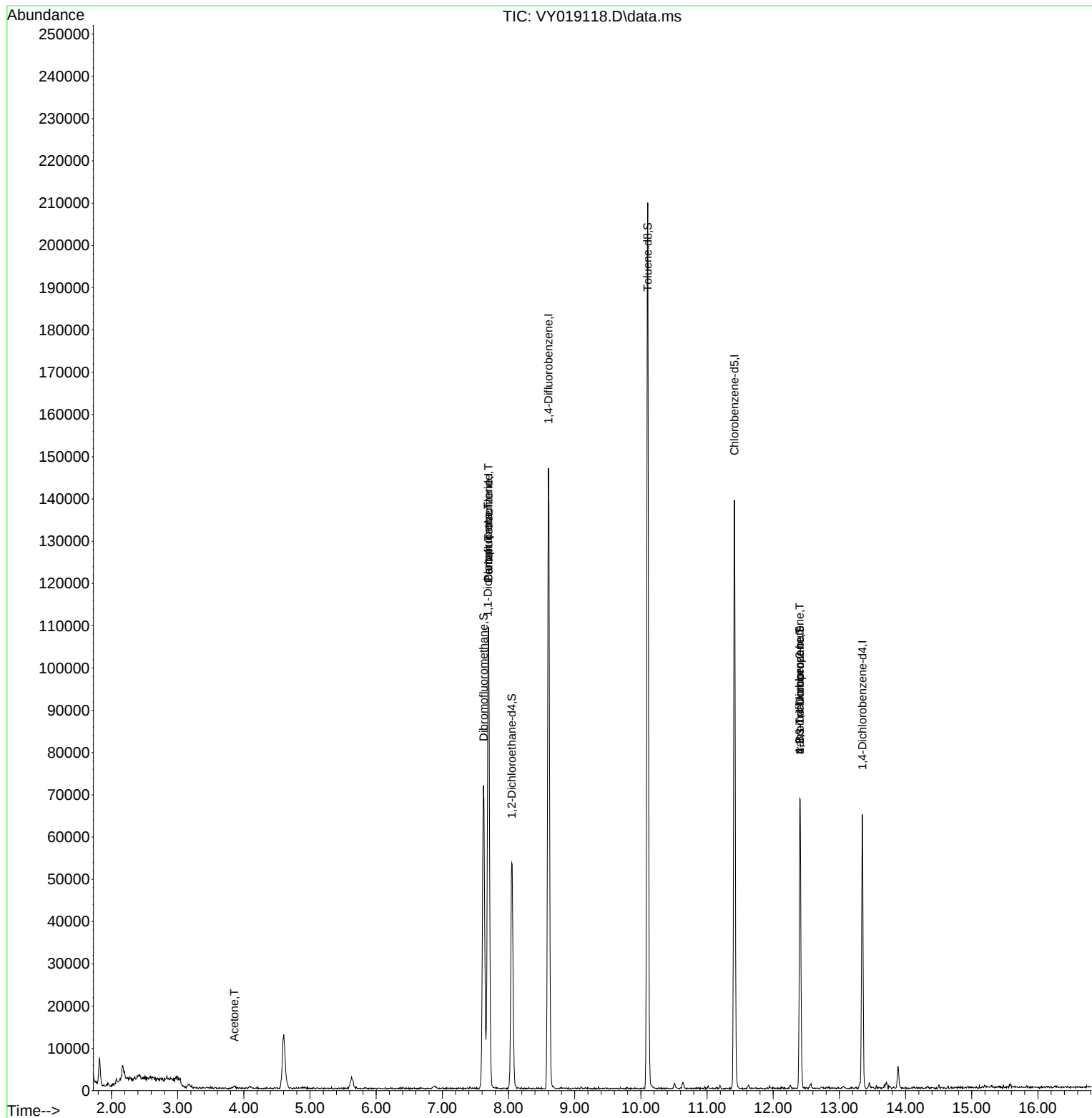
Internal Standards						
1) Pentafluorobenzene	7.695	168	86952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	128619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	75151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	16040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	41848	48.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.622	113	50624	60.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.400%
50) Toluene-d8	10.103	98	136592	45.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.402	95	20537	19.906	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.820%
Target Compounds						
					Qvalue	
5) Bromomethane	2.574	94	127	Below Cal	#	3
6) Chloroethane	2.739	64	19	Below Cal	#	42
11) Tert butyl alcohol	4.817	59	104	Below Cal	#	88
13) Acrolein	3.854	56	19	Below Cal	#	15
16) Acetone	3.854	43	965	5.970	ug/l	92
20) Methylene Chloride	4.604	84	9248	Below Cal		89
31) Cyclohexane	7.695	56	2044	Below Cal	#	29
36) 1,1-Dichloropropene	7.689	75	6461	5.595	ug/l #	48
38) Carbon Tetrachloride	7.695	117	8840	6.605	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	10633	67.219	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	10633	166.009	ug/l #	16

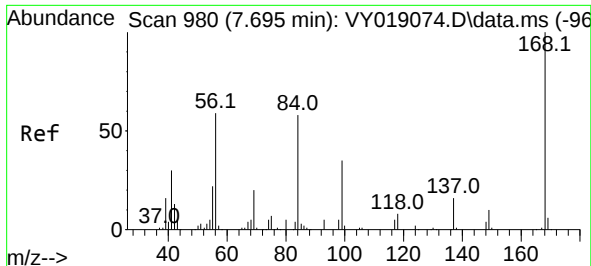
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
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Misc : 4.54g/5.0mL/MSVOA_Y/SOIL/B
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Quant Time: Aug 20 01:46:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

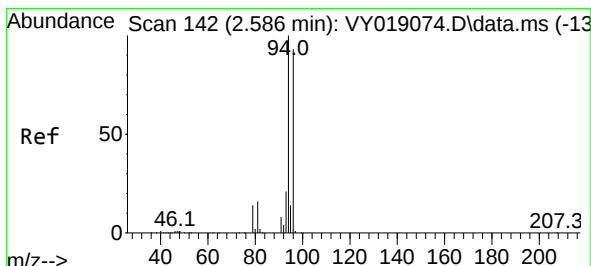
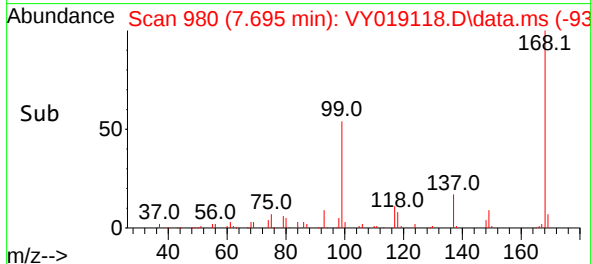
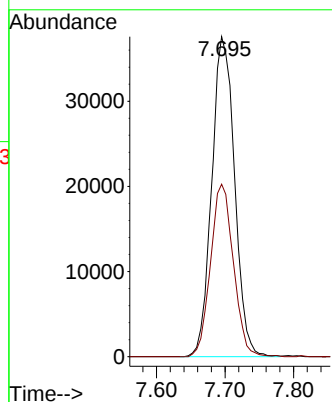
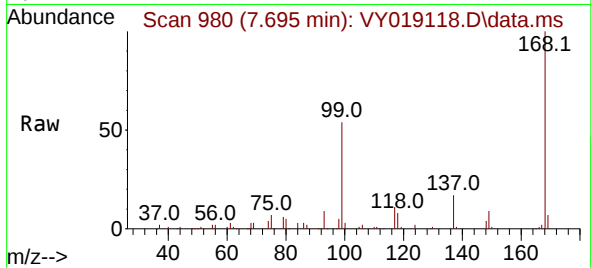




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

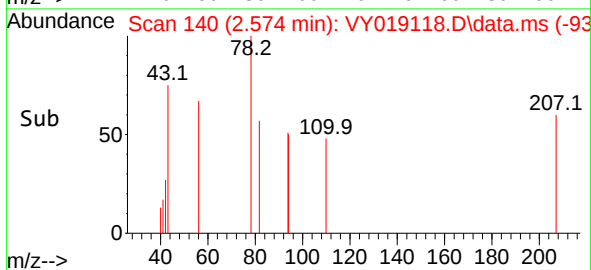
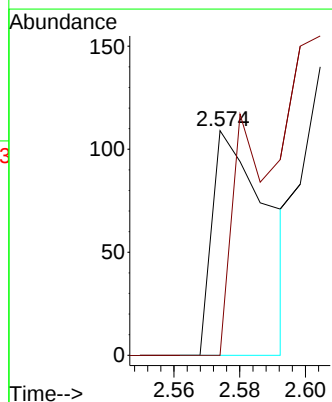
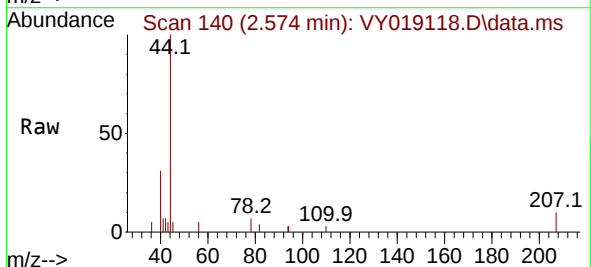
Instrument :
MSVOA_Y
ClientSampleId :

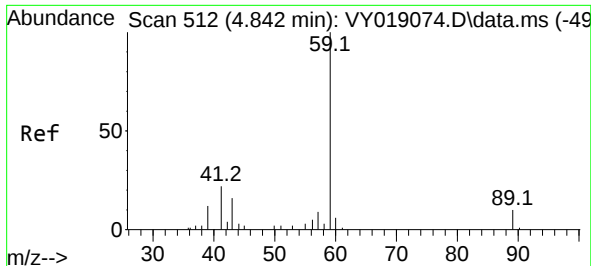
Tgt Ion:168 Resp: 86952
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.574 min Scan# 140
Delta R.T. -0.012 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

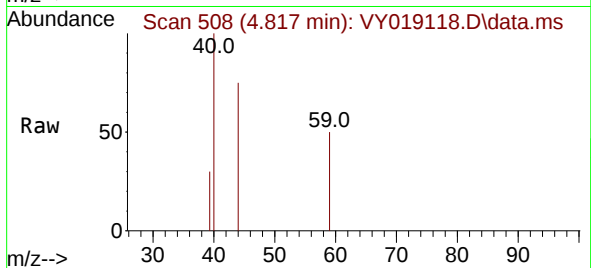
Tgt Ion: 94 Resp: 127
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



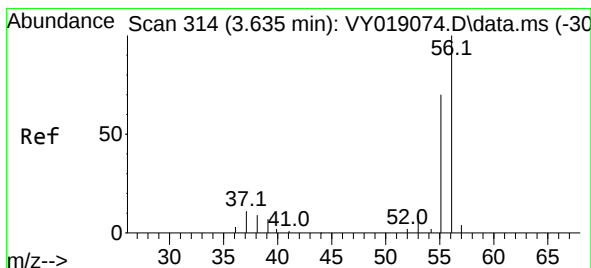
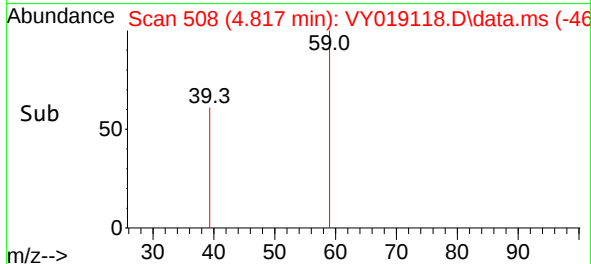
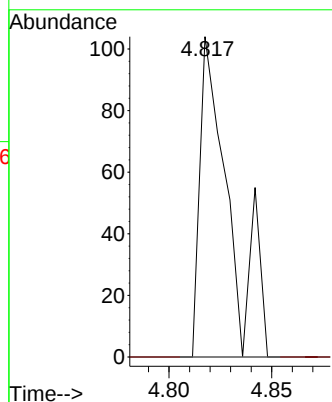


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.817 min Scan# 508
Delta R.T. -0.024 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :

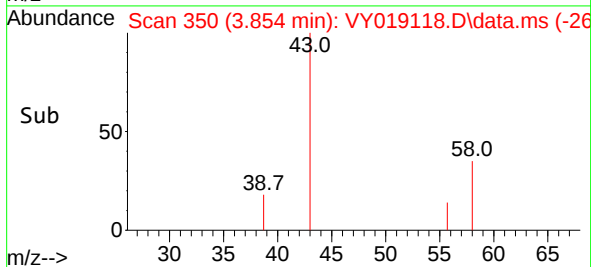
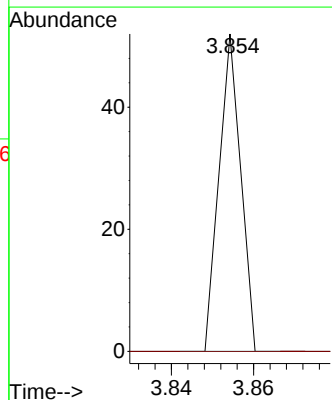
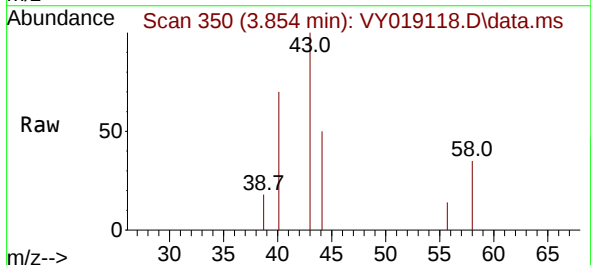


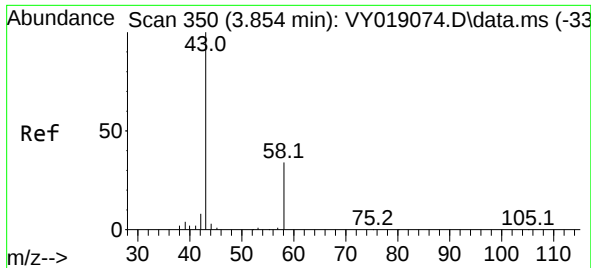
Tgt Ion: 59 Resp: 104
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.854 min Scan# 350
Delta R.T. 0.219 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#





#16

Acetone

Concen: 5.970 ug/l

RT: 3.854 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

Instrument :

MSVOA_Y

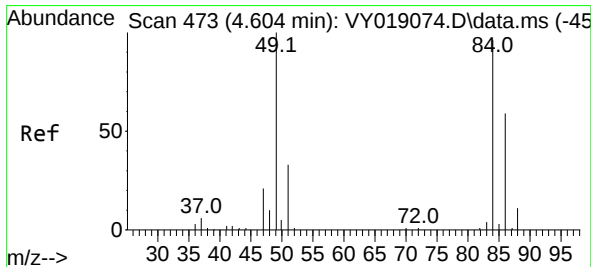
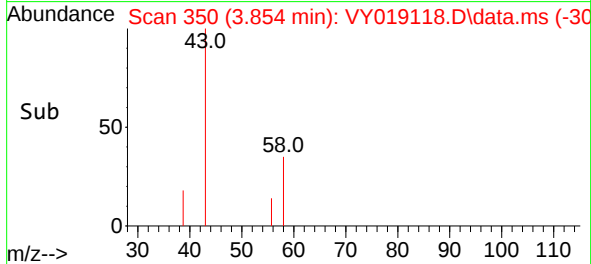
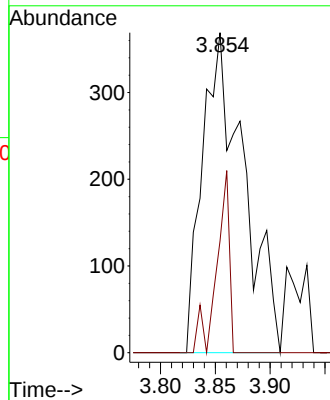
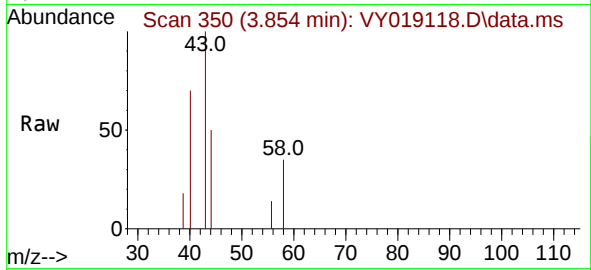
ClientSampleId :

Tgt Ion: 43 Resp: 965

Ion Ratio Lower Upper

43 100

58 35.0 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

Tgt Ion: 84 Resp: 9248

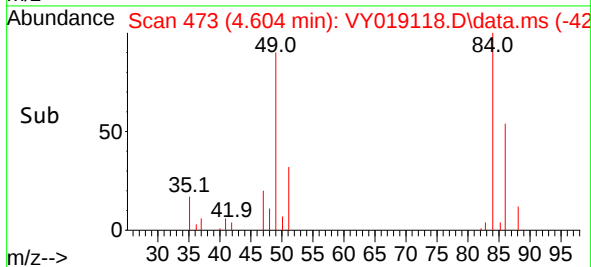
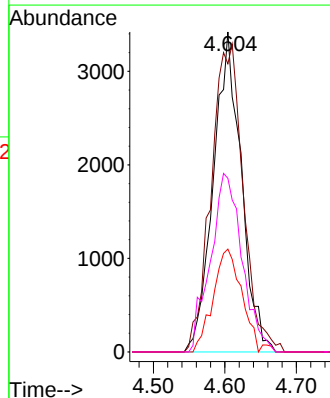
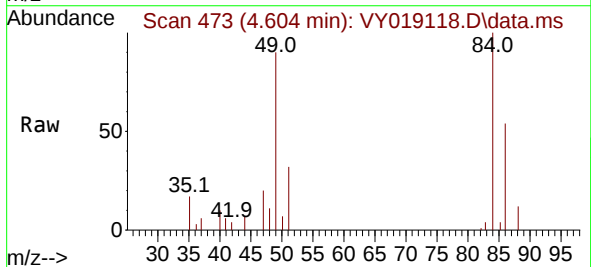
Ion Ratio Lower Upper

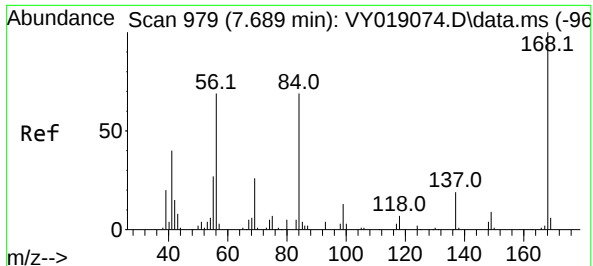
84 100

49 90.1 84.4 126.6

51 32.2 26.0 39.0

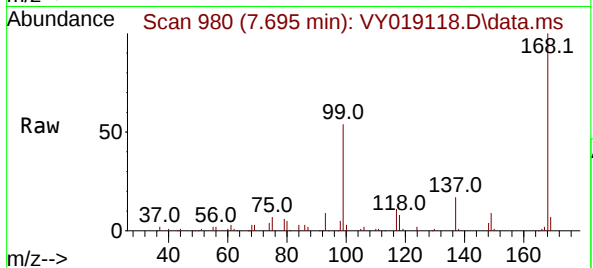
86 54.2 49.5 74.3



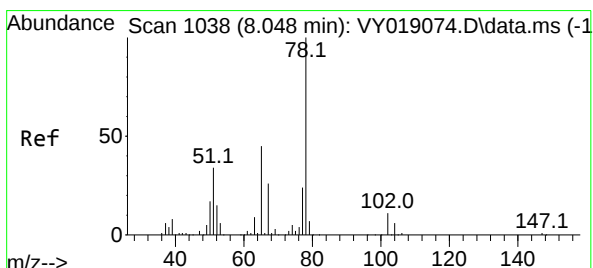
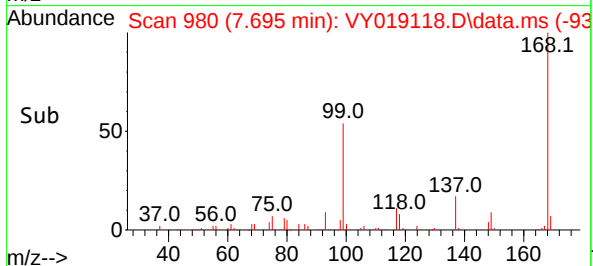
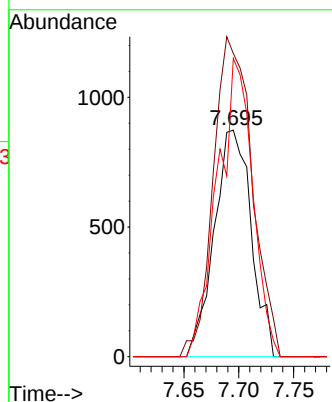


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :

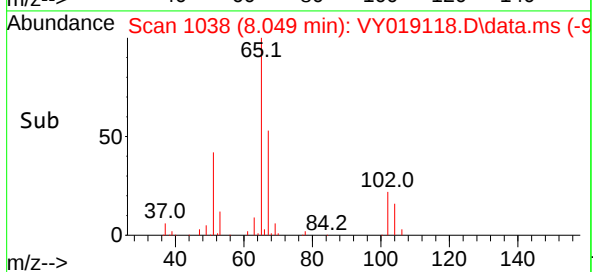
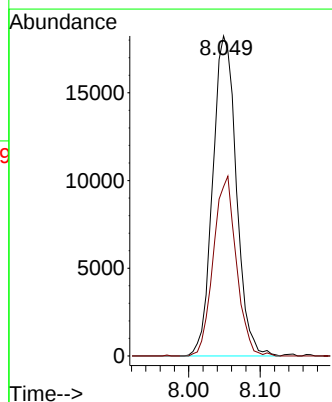
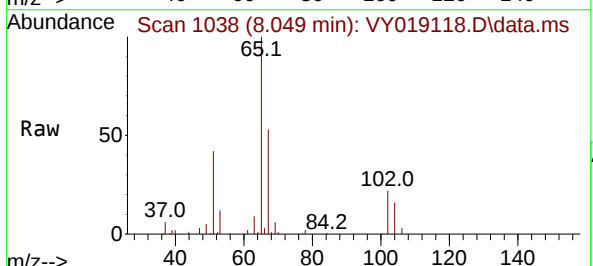


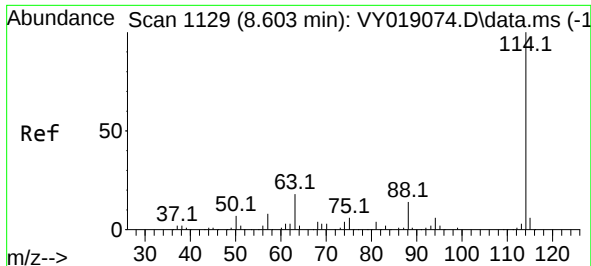
Tgt Ion: 56 Resp: 2044
Ion Ratio Lower Upper
56 100
69 133.8 28.7 43.1#
84 131.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 48.011 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Tgt Ion: 65 Resp: 41848
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

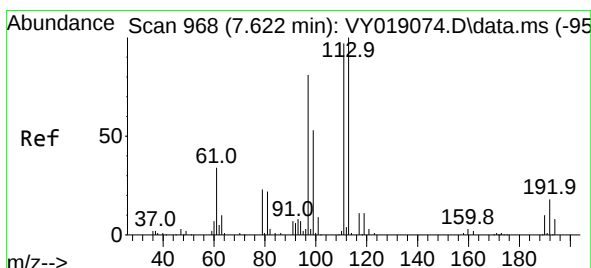
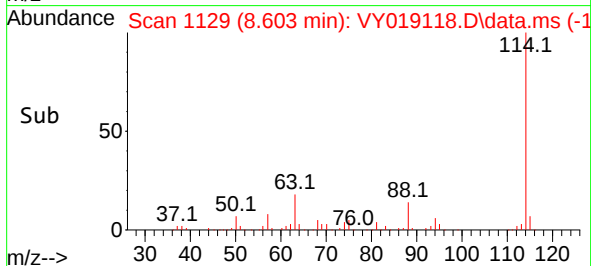
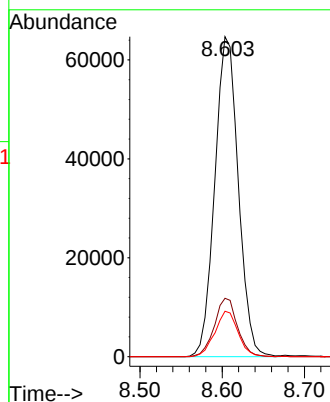
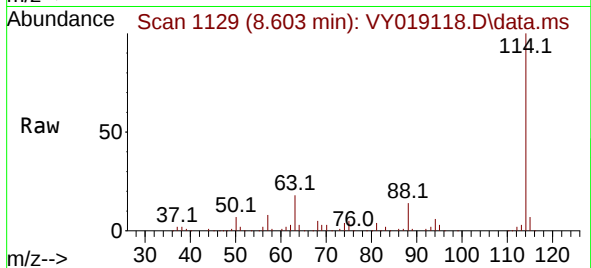
Tgt Ion:114 Resp: 128619

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.196 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

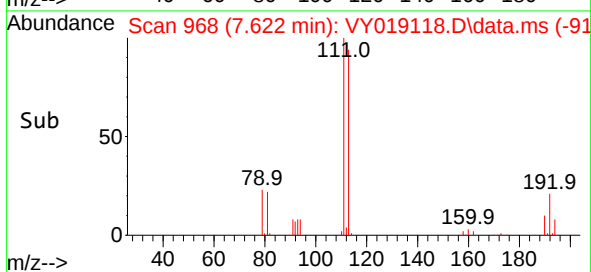
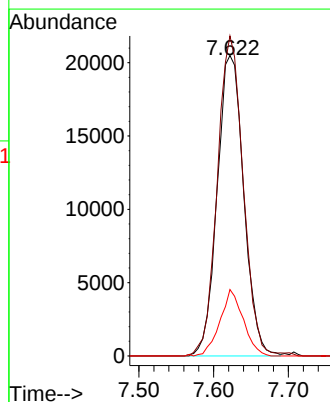
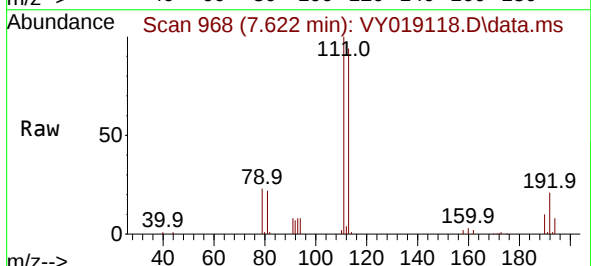
Tgt Ion:113 Resp: 50624

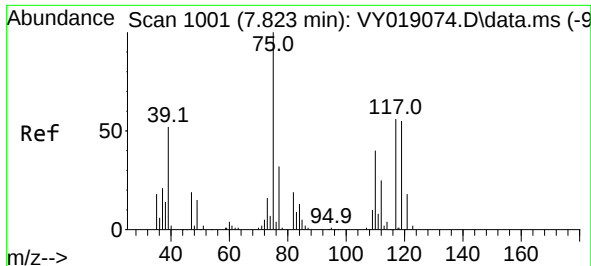
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 19.5 15.9 23.9

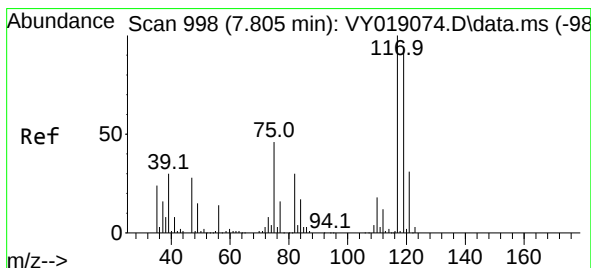
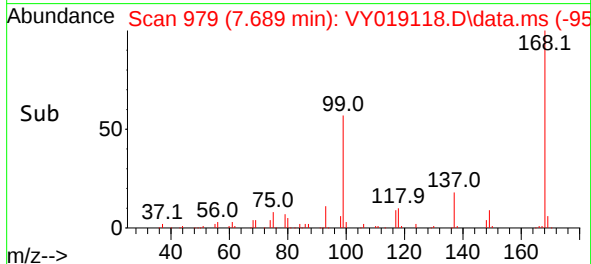
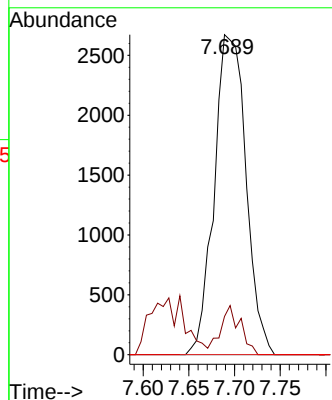
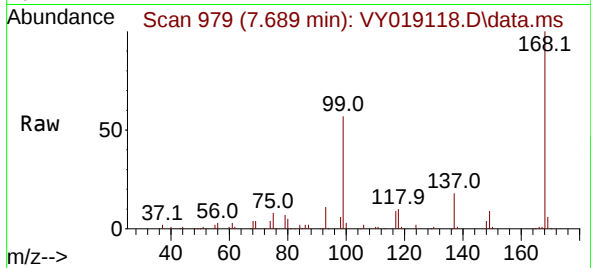




#36
1,1-Dichloropropene
Concen: 5.595 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

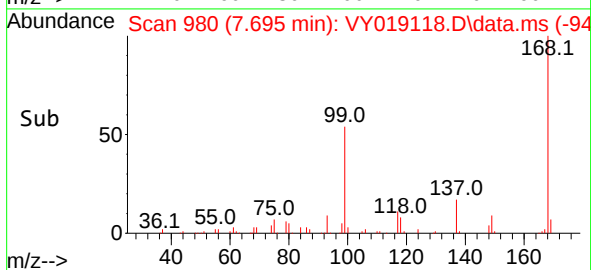
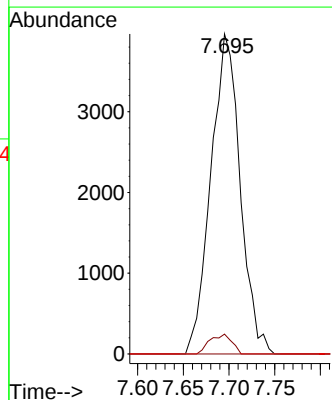
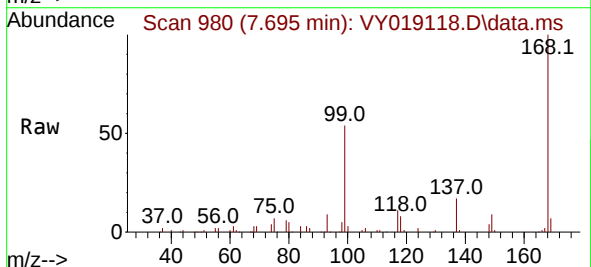
Instrument :
MSVOA_Y
ClientSampleId :

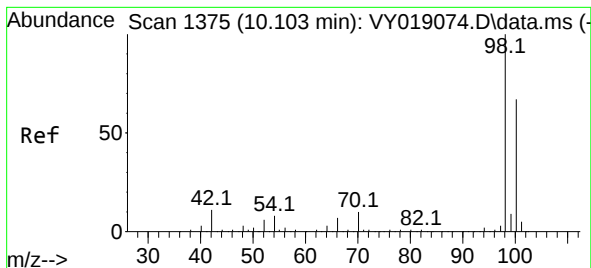
Tgt Ion: 75 Resp: 6461
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.605 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Tgt Ion: 117 Resp: 8840
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 45.133 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

Instrument :

MSVOA_Y

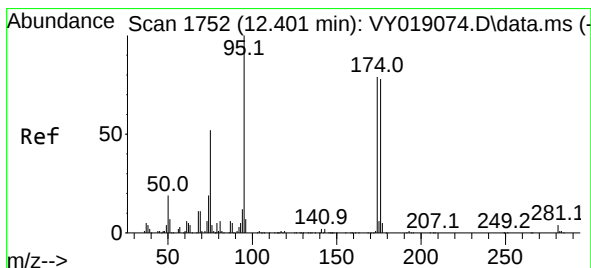
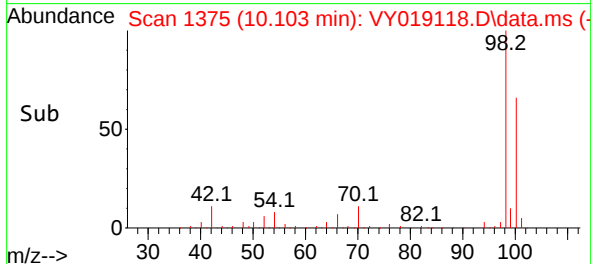
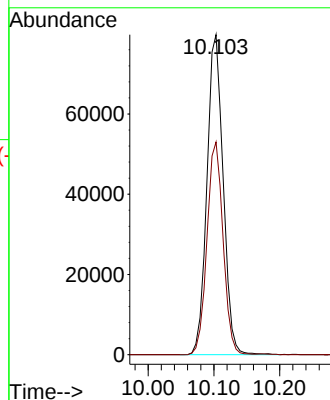
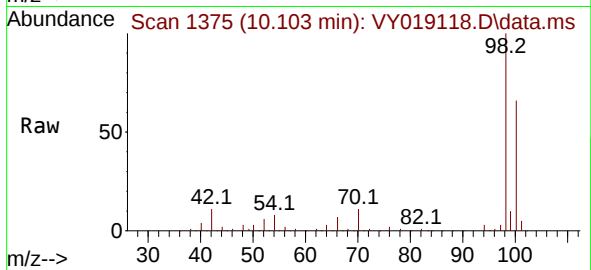
ClientSampleId :

Tgt Ion: 98 Resp: 136592

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 19.906 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

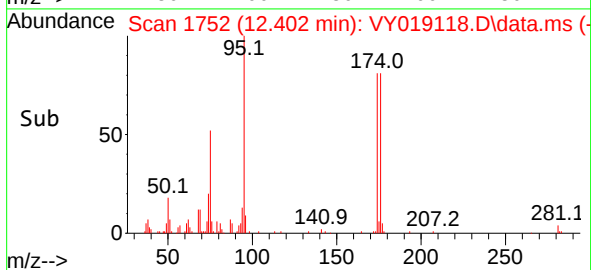
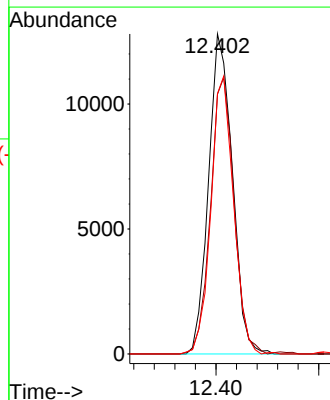
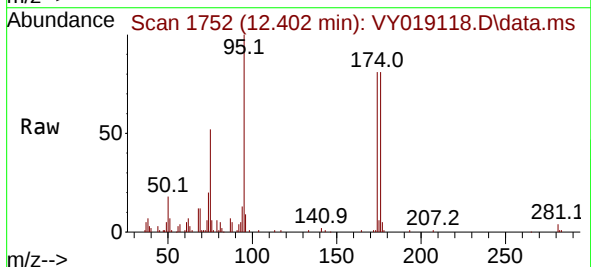
Tgt Ion: 95 Resp: 20537

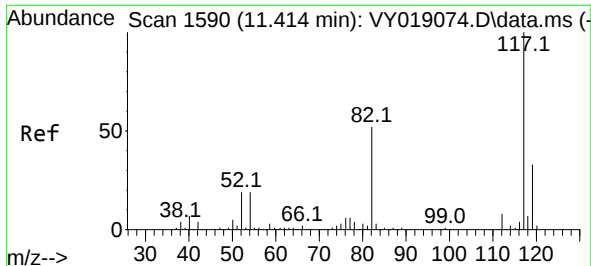
Ion Ratio Lower Upper

95 100

174 85.5 0.0 175.6

176 82.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

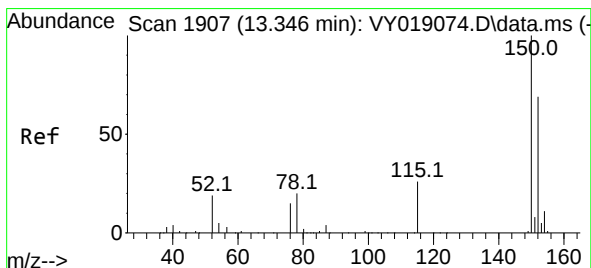
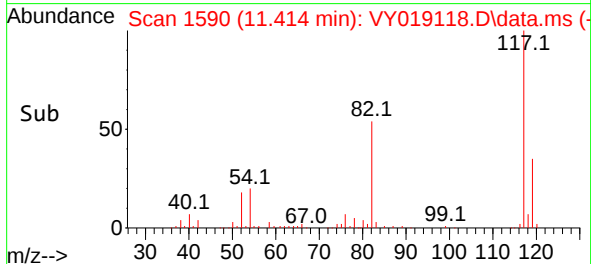
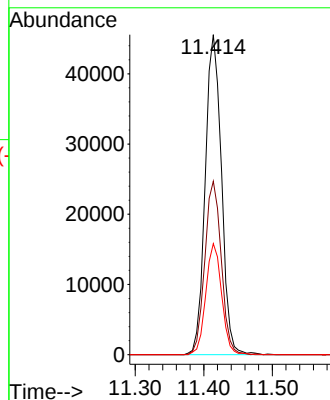
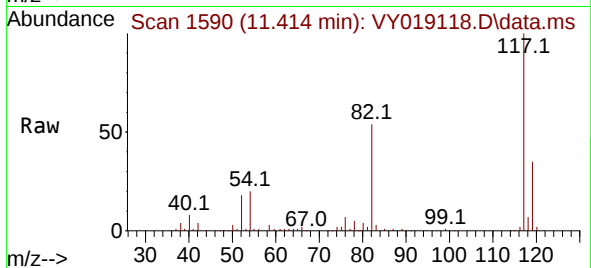
Tgt Ion:117 Resp: 75151

Ion Ratio Lower Upper

117 100

82 54.2 42.4 63.6

119 34.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019118.D

Acq: 19 Aug 2024 15:40

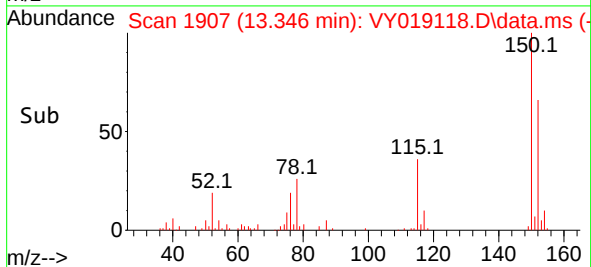
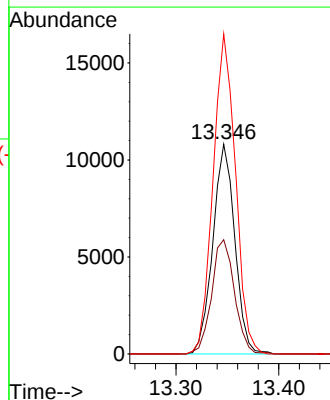
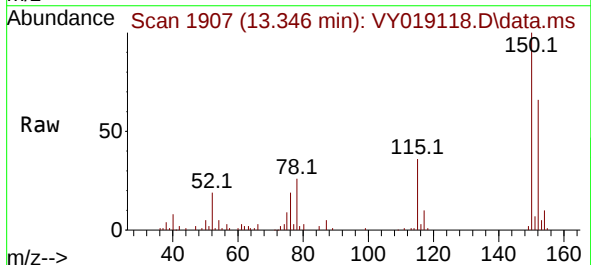
Tgt Ion:152 Resp: 16040

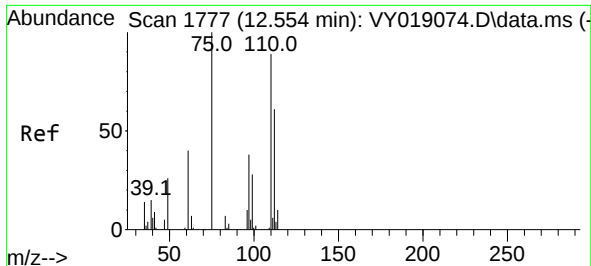
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 155.2 0.0 345.6

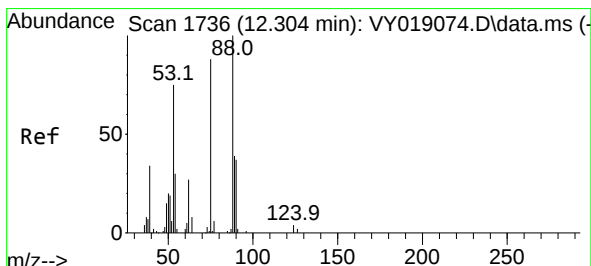
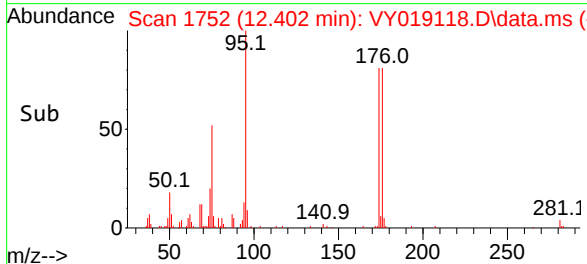
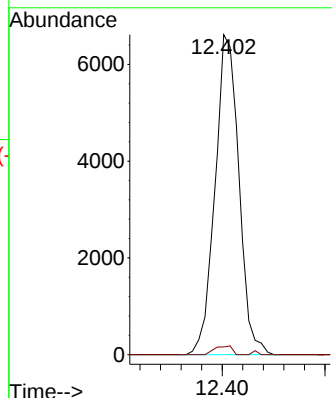
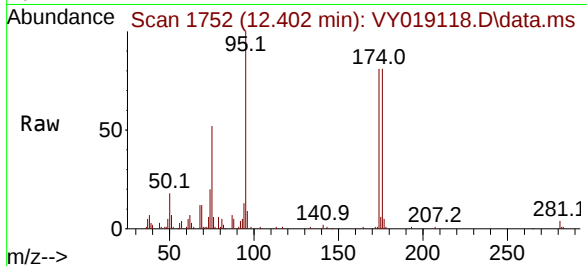




#76
1,2,3-Trichloropropane
Concen: 67.219 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 10633
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 166.009 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019118.D
Acq: 19 Aug 2024 15:40

Tgt Ion: 75 Resp: 10633
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

