

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031220\
 Data File : VY001963.D
 Acq On : 12 Mar 2020 18:41
 Operator : SY/MD
 Sample : L1913-08
 Misc : 6.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B3

Quant Time: Mar 13 05:42:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	166010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	319256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132544	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	104174	58.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.56%	
35) Dibromofluoromethane	7.74	113	93088	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
50) Toluene-d8	10.19	98	387875	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.49	95	137410	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	

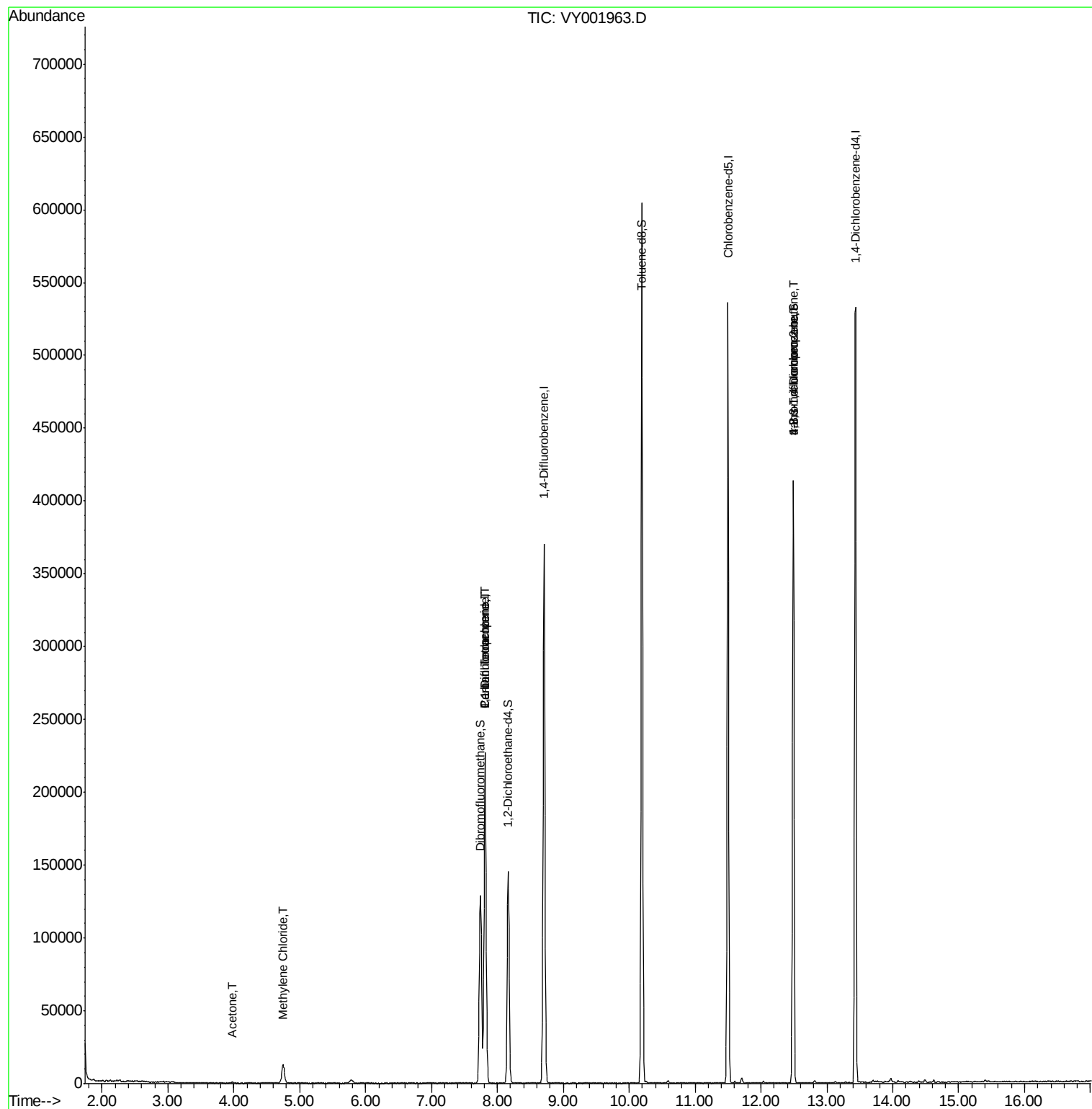
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.69	94	26	Below Cal	#	4
11) Tert butyl alcohol	5.00	59	48	Below Cal	#	74
16) Acetone	3.97	43	1453	2.81	ug/l #	78
20) Methylene Chloride	4.75	84	9553	4.32	ug/l #	93
36) 1,1-Dichloropropene	7.81	75	14073	4.58	ug/l #	50
38) Carbon Tetrachloride	7.81	117	16882	6.43	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	69714	44.33	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	69714	89.54	ug/l #	17

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001963.D

Acq: 12 Mar 2020 18:41

Instrument :

MSVOA_Y

ClientSampleId :

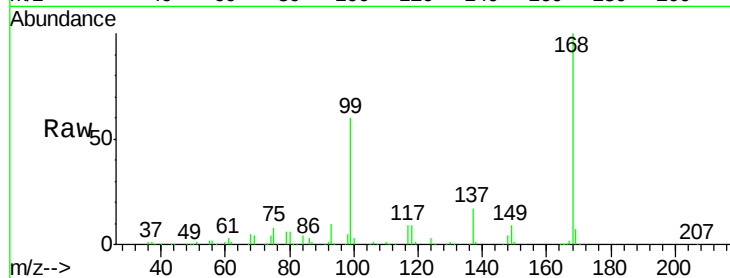
MK-031220-4-5-GRAB-B3

Tgt Ion:168 Resp: 166010

Ion Ratio Lower Upper

168 100

99 59.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

80000

60000

40000

20000

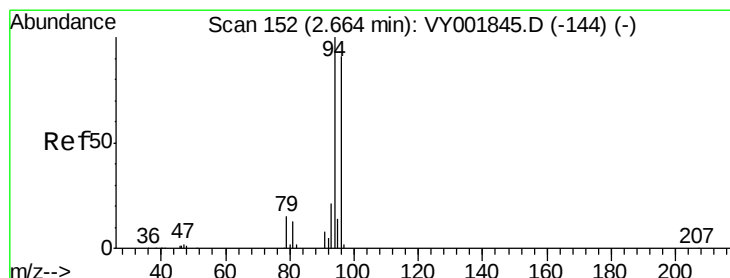
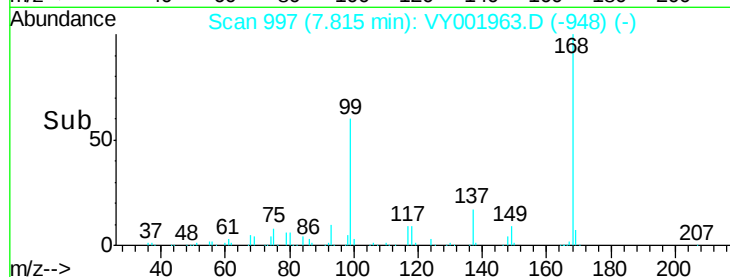
0

7.70

7.80

7.90

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.69 min Scan# 157

Delta R.T. 0.03 min

Lab File: VY001963.D

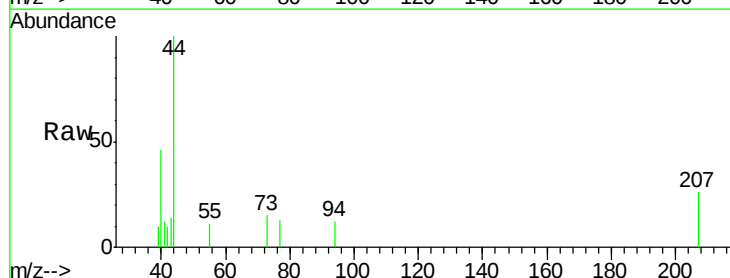
Acq: 12 Mar 2020 18:41

Tgt Ion: 94 Resp: 26

Ion Ratio Lower Upper

94 100

96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)

2.69

150

100

50

0

2.67

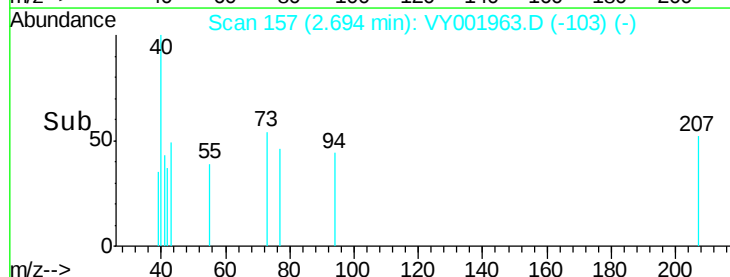
2.68

2.69

2.70

2.71

Time-->



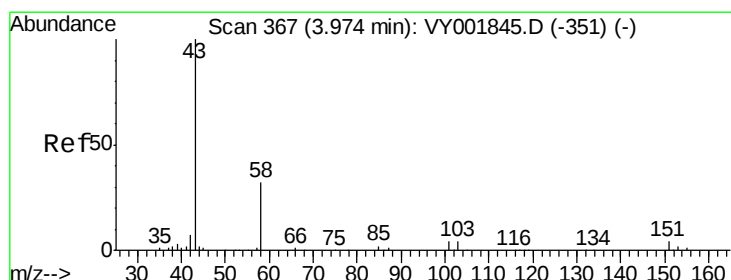
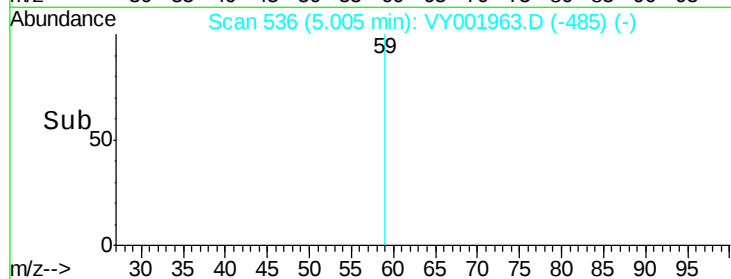
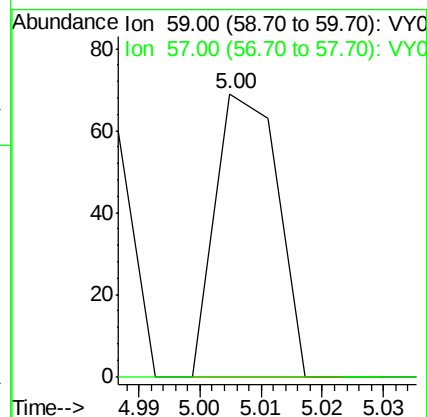
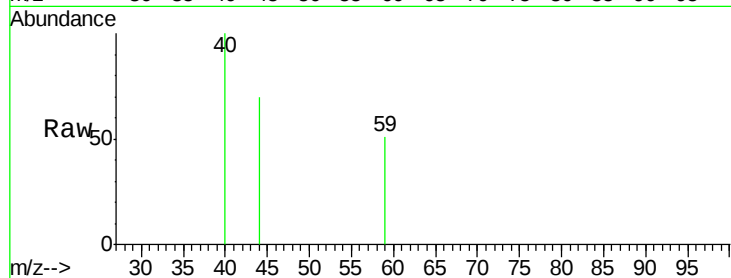


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.00 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VY001963.D
 Acq: 12 Mar 2020 18:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B3

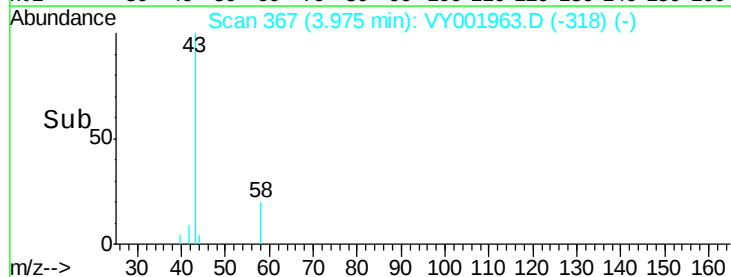
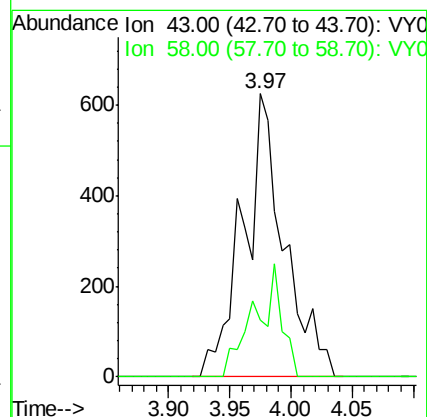
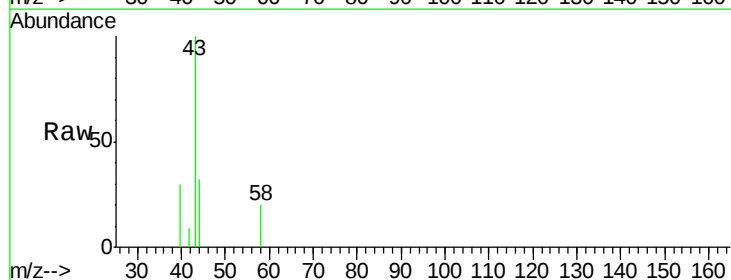
Tgt Ion: 59 Resp: 48
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

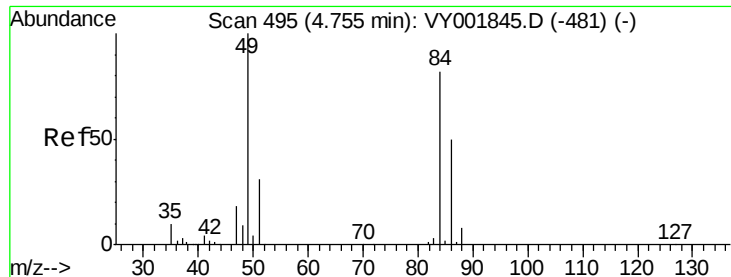


#16

Acetone
 Concen: 2.81 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VY001963.D
 Acq: 12 Mar 2020 18:41

Tgt Ion: 43 Resp: 1453
 Ion Ratio Lower Upper
 43 100
 58 19.8 25.9 38.9#

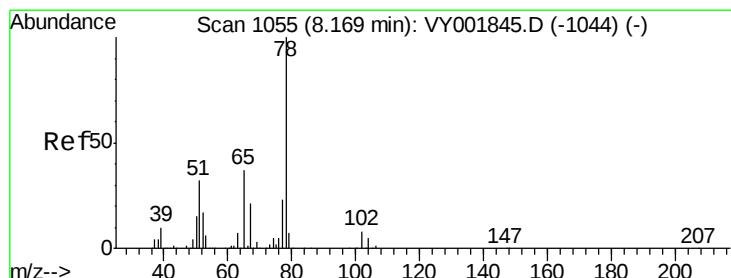
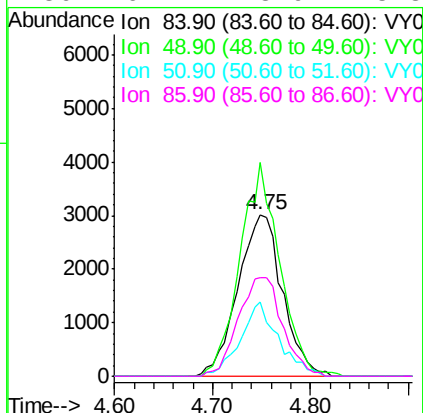
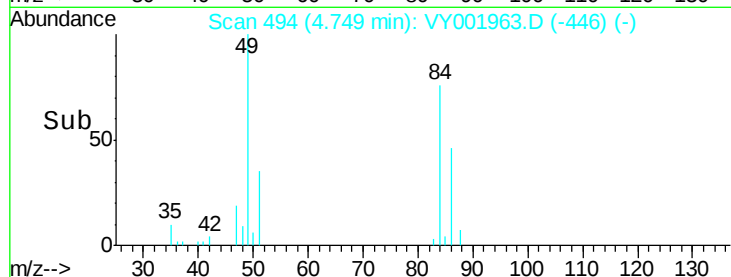
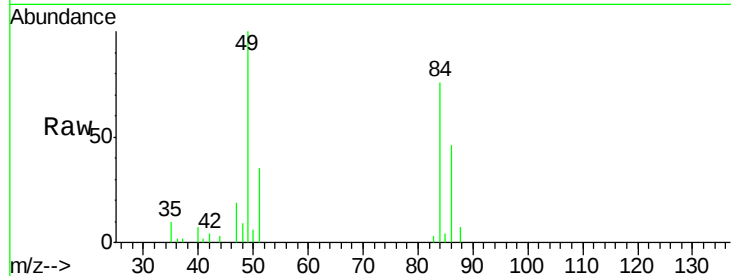




#20
Methylene Chloride
Concen: 4.32 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001963.D
Acq: 12 Mar 2020 18:41

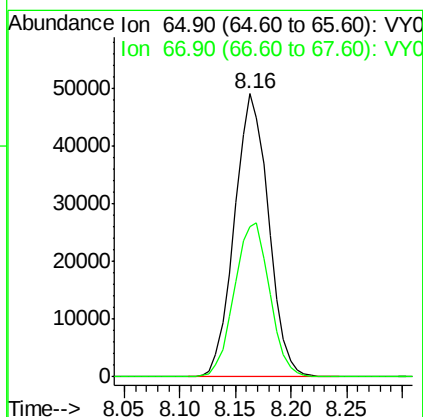
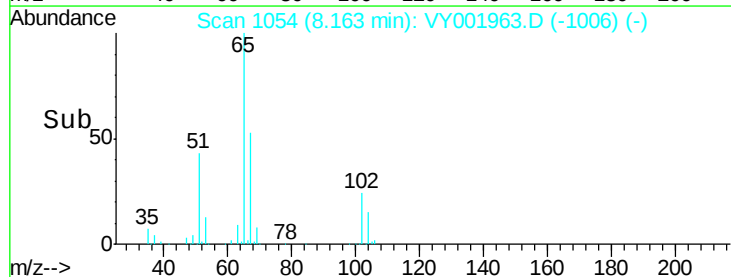
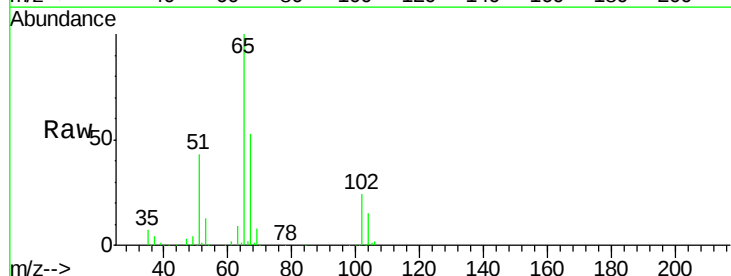
Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-4-5-GRAB-B3

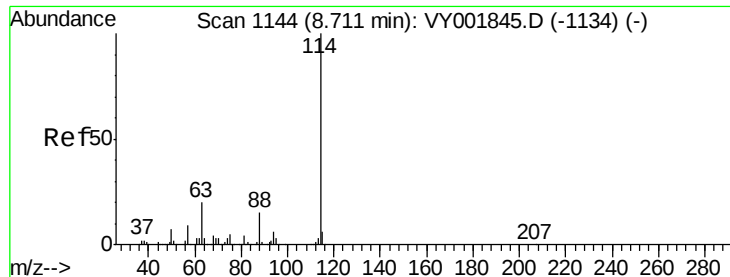
Tgt Ion: 84 Resp: 9553
Ion Ratio Lower Upper
84 100
49 132.3 98.2 147.2
51 46.2 30.2 45.2#
86 61.1 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 58.78 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001963.D
Acq: 12 Mar 2020 18:41

Tgt Ion: 65 Resp: 104174
Ion Ratio Lower Upper
65 100
67 56.2 0.0 110.8

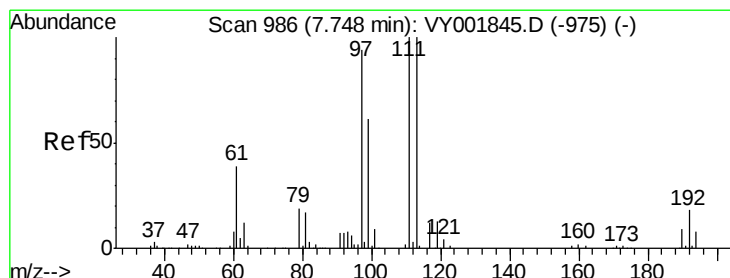
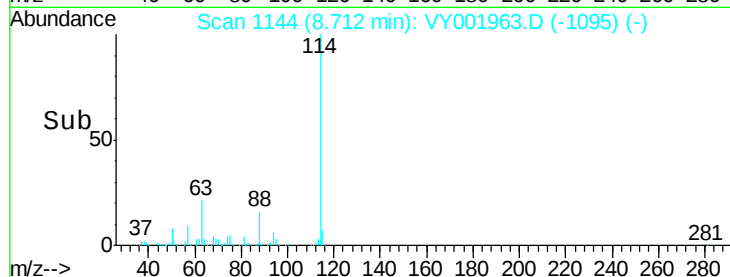
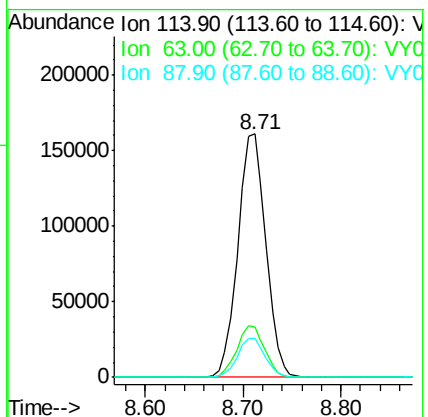
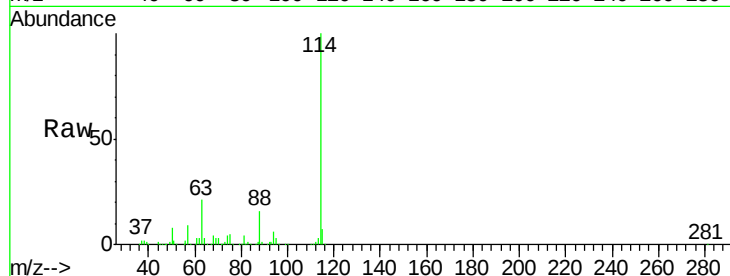




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VY001963.D
Acq: 12 Mar 2020 18:41

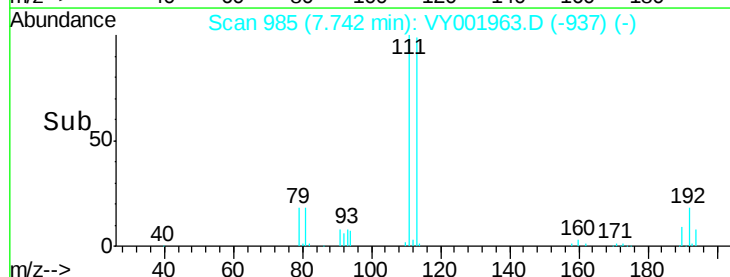
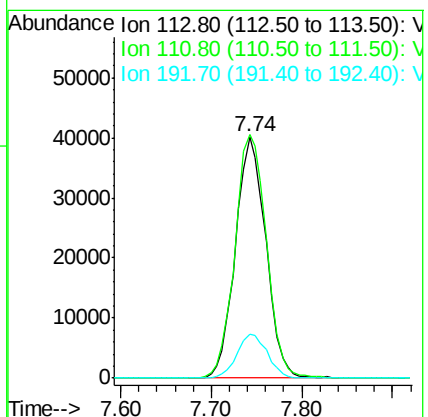
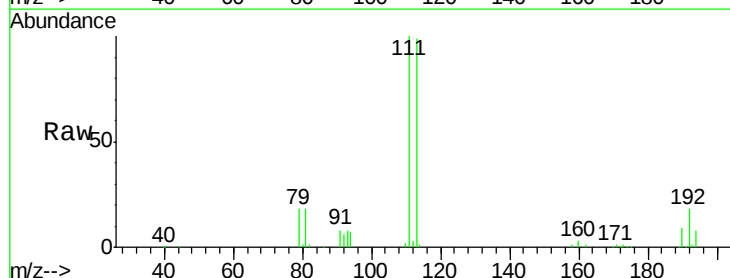
Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-4-5-GRAB-B3

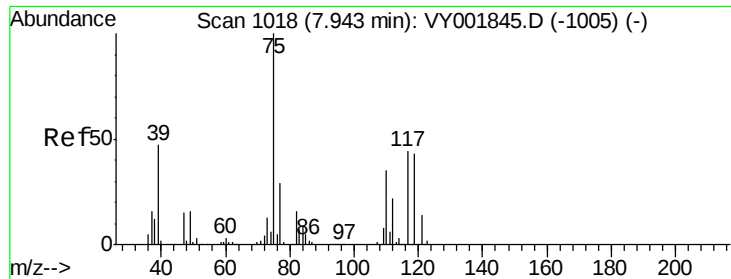
Tgt Ion:114 Resp: 319256
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.4
88 16.0 0.0 30.4



#35
Dibromofluoromethane
Concen: 53.40 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001963.D
Acq: 12 Mar 2020 18:41

Tgt Ion:113 Resp: 93088
Ion Ratio Lower Upper
113 100
111 104.7 81.8 122.8
192 18.2 14.2 21.2

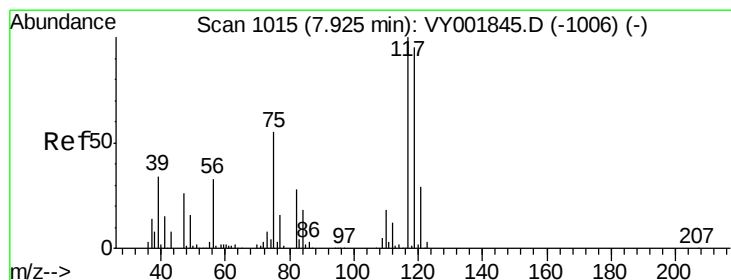
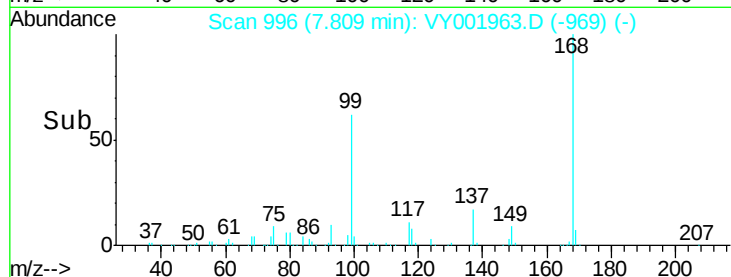
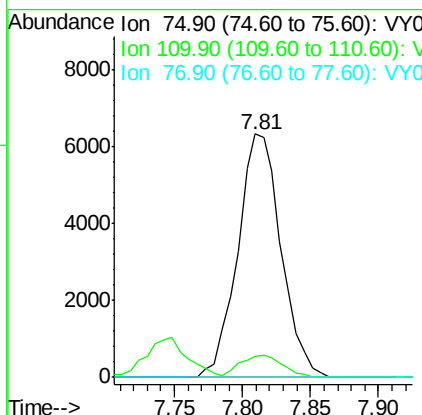
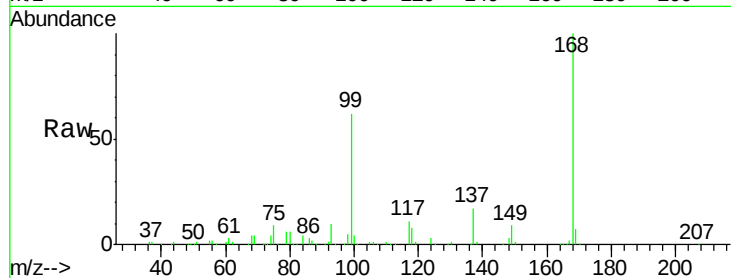




#36
 1,1-Dichloropropene
 Concen: 4.58 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001963.D
 Acq: 12 Mar 2020 18:41

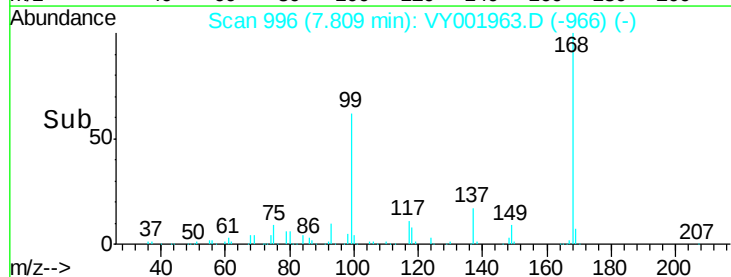
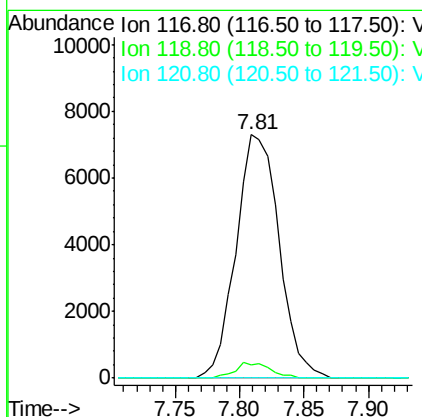
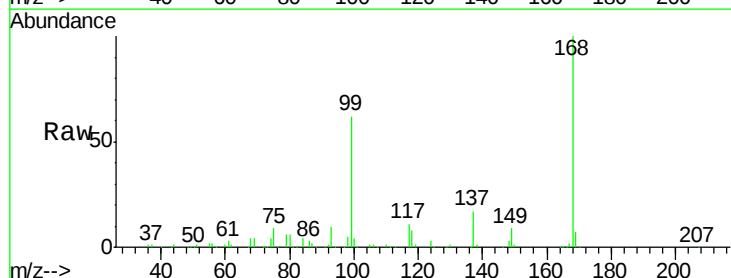
Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B3

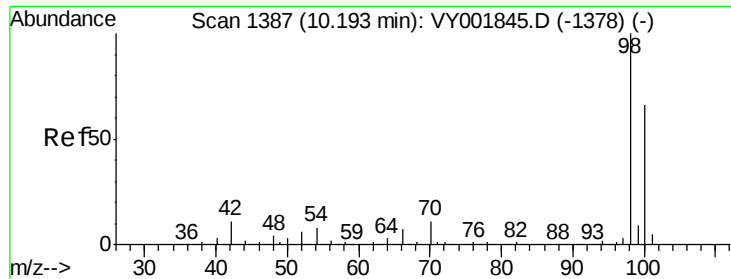
Tgt Ion: 75 Resp: 14073
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.4 52.2#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.43 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY001963.D
 Acq: 12 Mar 2020 18:41

Tgt Ion: 117 Resp: 16882
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.3 114.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.76 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001963.D

Acq: 12 Mar 2020 18:41

Instrument :

MSVOA_Y

ClientSampleId :

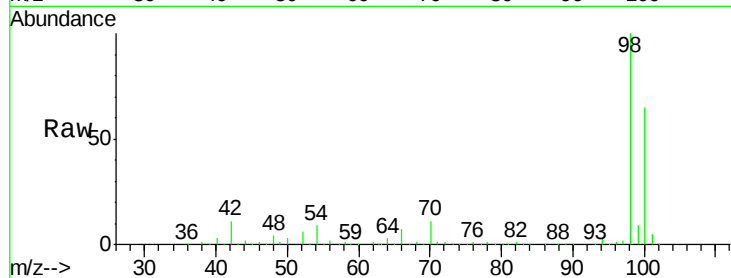
MK-031220-4-5-GRAB-B3

Tgt Ion: 98 Resp: 387875

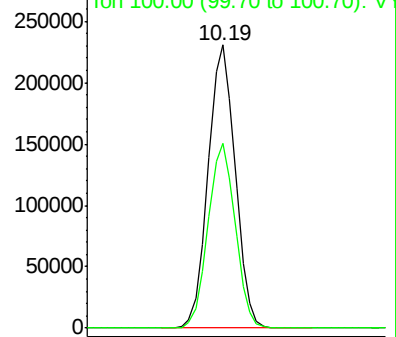
Ion Ratio Lower Upper

98 100

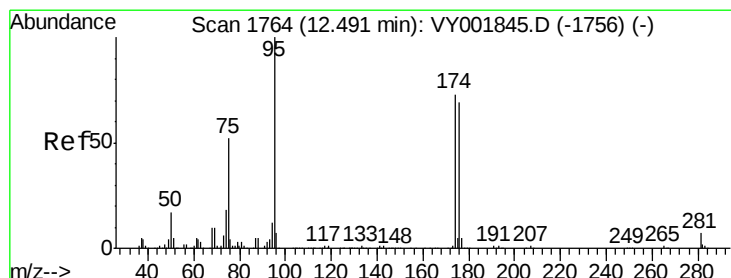
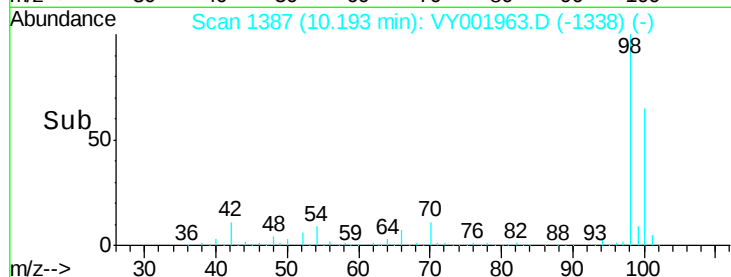
100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 53.76 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001963.D

Acq: 12 Mar 2020 18:41

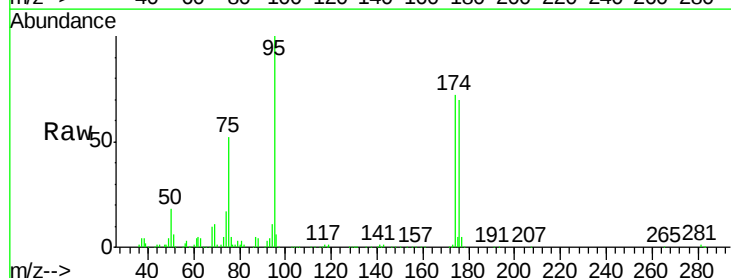
Tgt Ion: 95 Resp: 137410

Ion Ratio Lower Upper

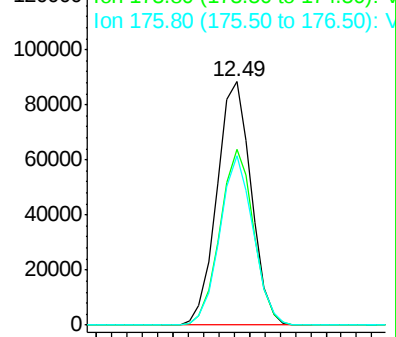
95 100

174 71.1 0.0 145.0

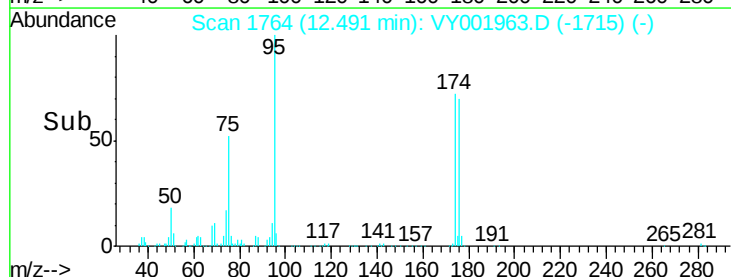
176 68.0 0.0 137.4

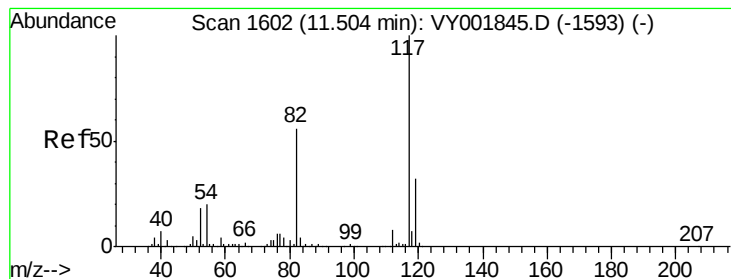


Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY001963.D

Acq: 12 Mar 2020 18:41

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MK-031220-4-5-GRAB-B3

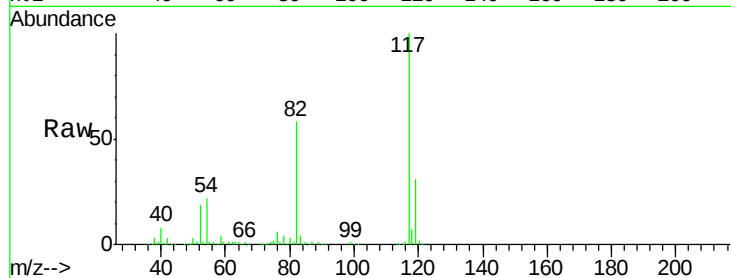
Tgt Ion:117 Resp: 290219

Ion Ratio Lower Upper

117 100

82 58.3 44.5 66.7

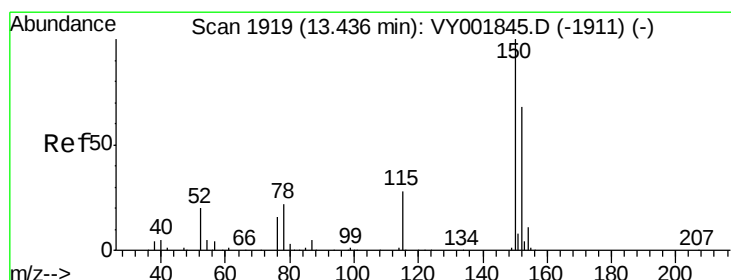
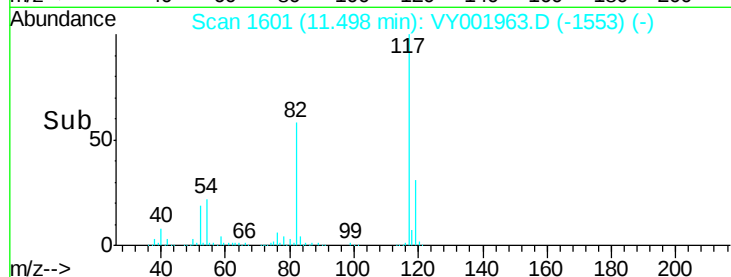
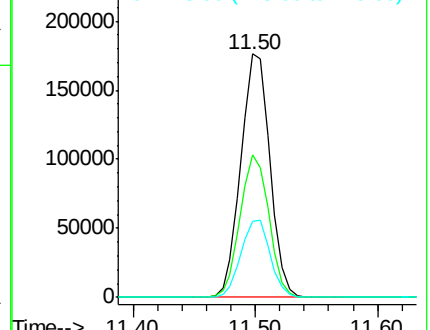
119 31.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001963.D

Acq: 12 Mar 2020 18:41

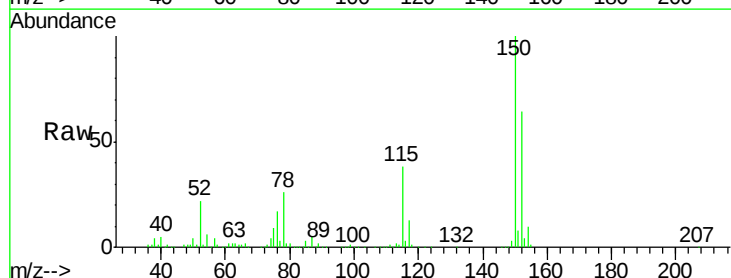
Tgt Ion:152 Resp: 132544

Ion Ratio Lower Upper

152 100

115 61.5 29.9 89.7

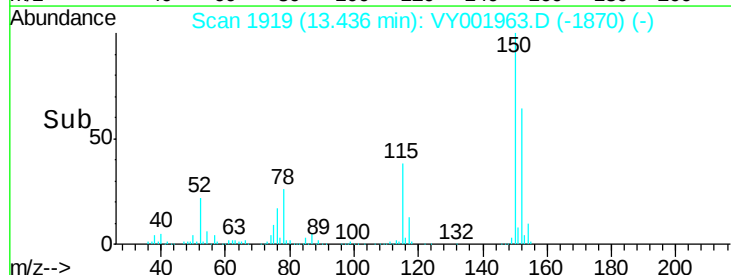
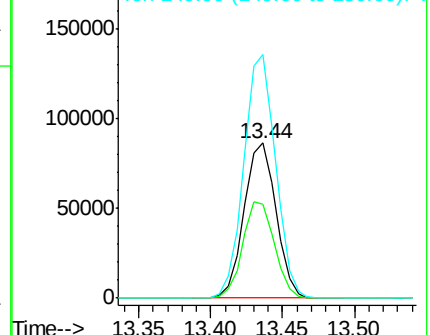
150 156.0 0.0 340.6

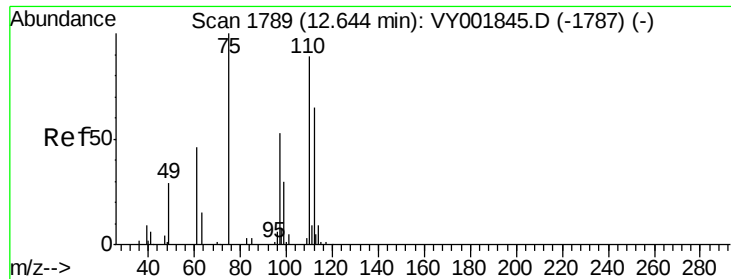


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

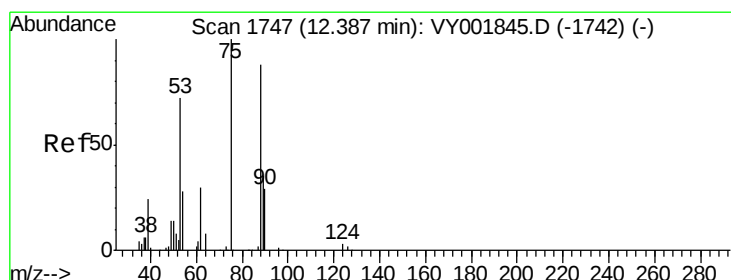
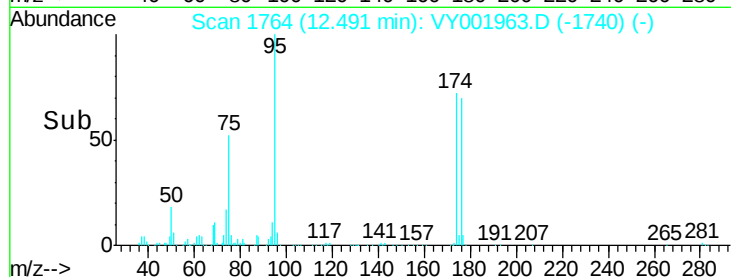
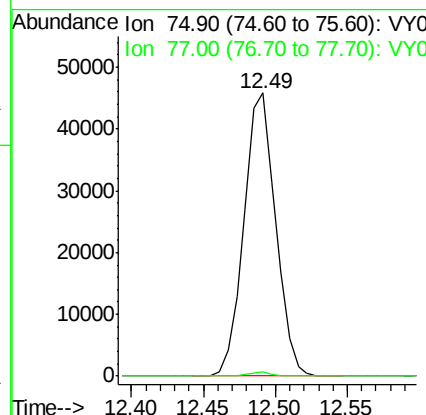
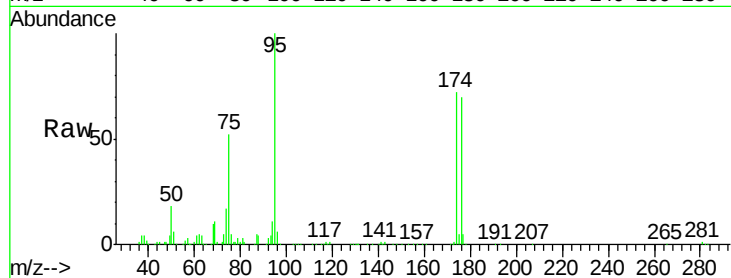




#76
 1,2,3-Trichloropropane
 Concen: 44.33 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001963.D
 Acq: 12 Mar 2020 18:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-4-5-GRAB-B3

Tgt Ion: 75 Resp: 69714
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.54 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001963.D
 Acq: 12 Mar 2020 18:41

Tgt Ion: 75 Resp: 69714
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.2 36.0 54.0#

