

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008056.D
 Acq On : 13 Mar 2019 18:23
 Operator : JC/SP
 Sample : K1828-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5D-R-M20W2-030619

Quant Time: Mar 14 04:19:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

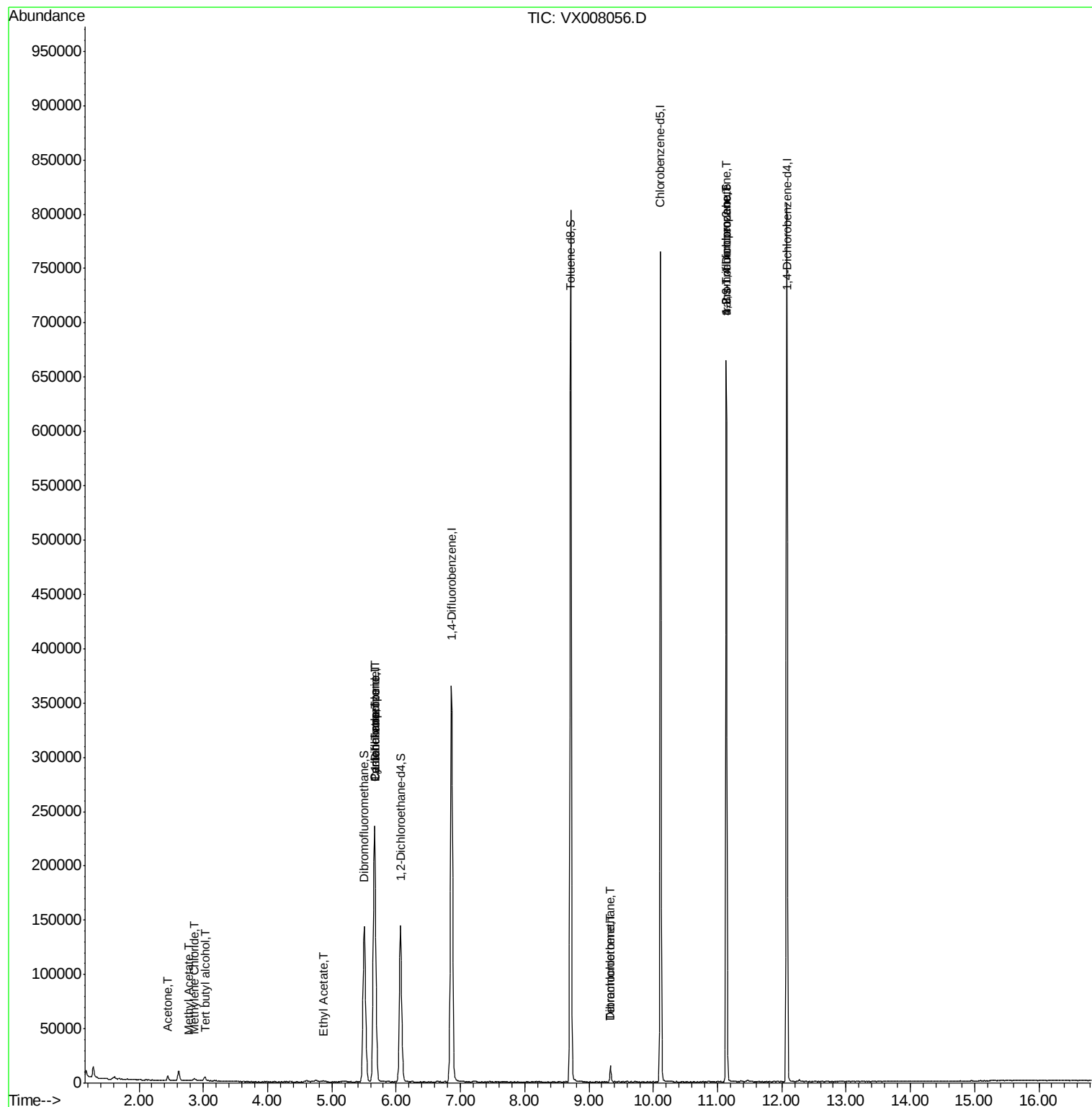
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133896	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	5.50	113	124530	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	8.71	98	474453	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.13	95	175719	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.65	94	143	Below Cal		88
11) Tert butyl alcohol	3.03	59	2387	4.003 ug/l #		73
16) Acetone	2.45	43	4397	2.849 ug/l		94
17) Carbon Disulfide	2.57	76	375	Below Cal #		38
18) Methyl Acetate	2.78	43	699	0.213 ug/l		91
20) Methylene Chloride	2.85	84	743	0.303 ug/l		86
31) Cyclohexane	5.66	56	3761	0.918 ug/l #		1
36) 1,1-Dichloropropene	5.67	75	15775	4.488 ug/l #		49
37) Ethyl Acetate	4.86	43	1794	0.430 ug/l #		88
38) Carbon Tetrachloride	5.66	117	21130	6.332 ug/l #		17
60) Dibromochloromethane	9.33	129	2789	1.032 ug/l #		11
64) Tetrachloroethene	9.34	164	3226	1.049 ug/l		89
76) 1,2,3-Trichloropropane	11.13	75	80544	21.148 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.13	75	80544	67.599 ug/l #		11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031319\
Data File : VX008056.D
Acq On : 13 Mar 2019 18:23
Operator : JC/SP
Sample : K1828-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5D-R-M20W2-030619

Quant Time: Mar 14 04:19:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

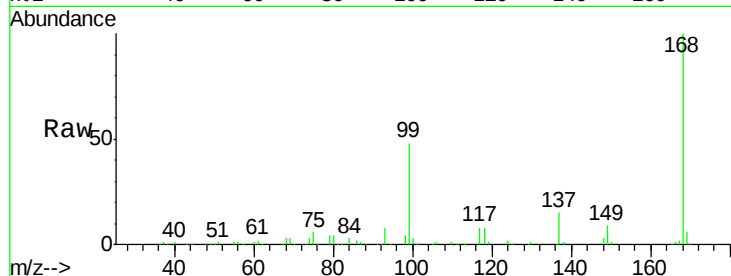
CPA-GMW-5D-R-M20W2-030619

Tot Ion:168 Resp: 252734

Ion Ratio Lower Upper

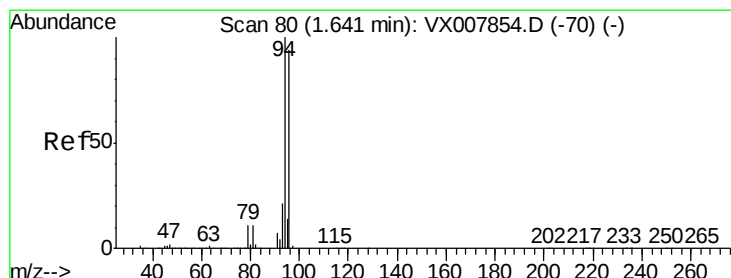
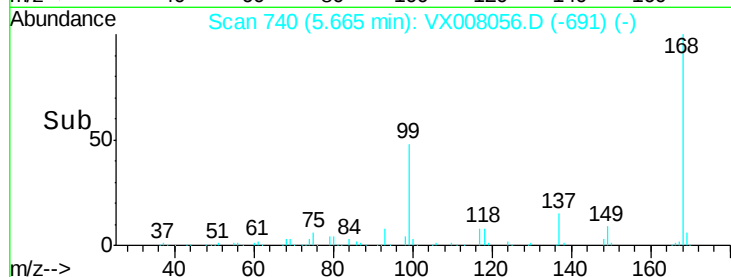
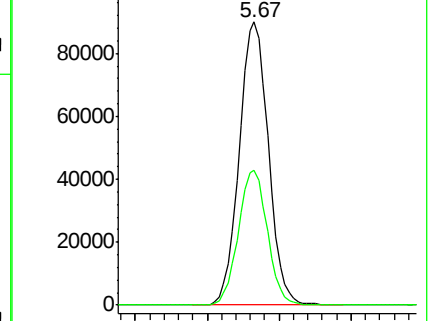
168 100

99 47.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX008056.D

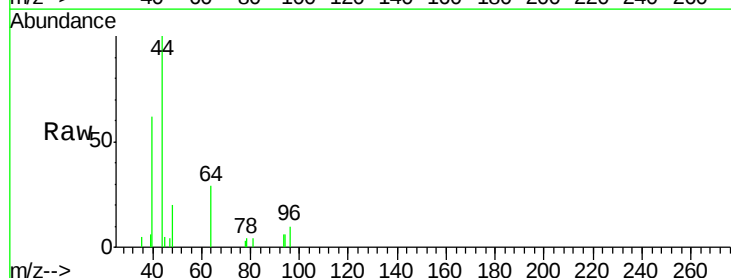
Acq: 13 Mar 2019 18:23

Tgt Ion: 94 Resp: 143

Ion Ratio Lower Upper

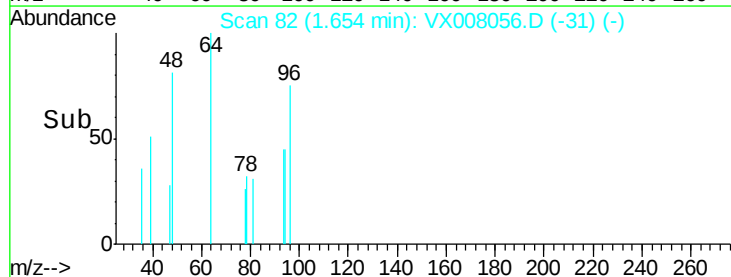
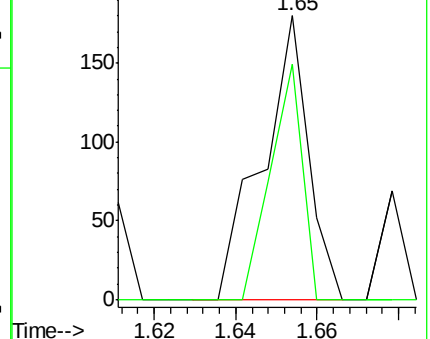
94 100

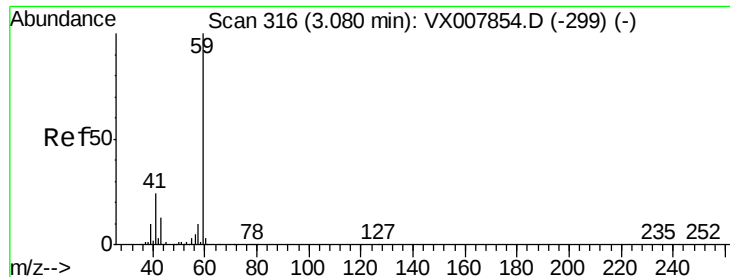
96 82.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

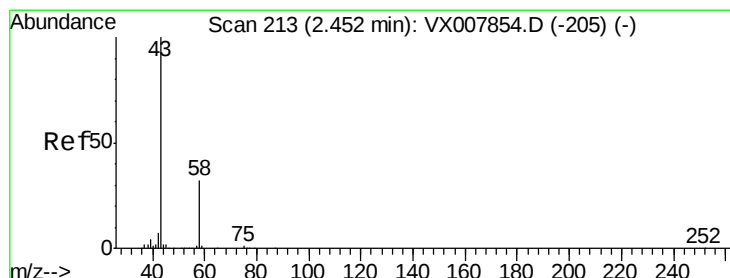
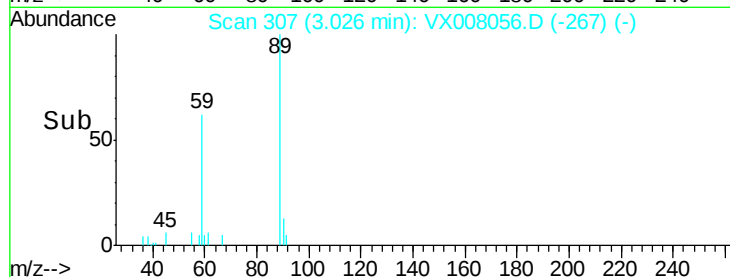
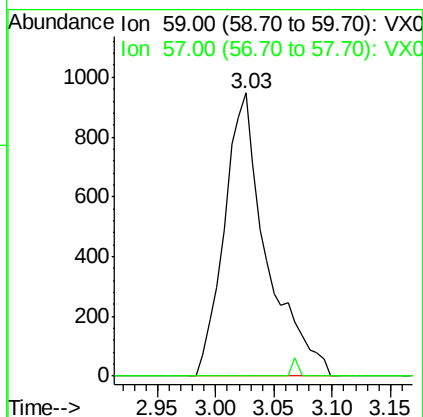
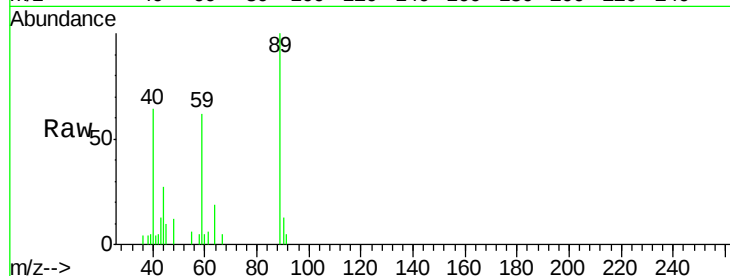




#11
Tert butyl alcohol
Concen: 4.003 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX008056.D
Acq: 13 Mar 2019 18:23

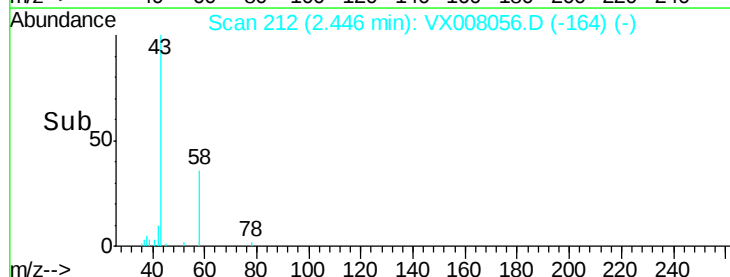
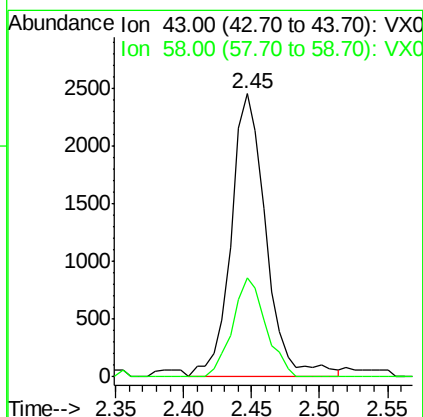
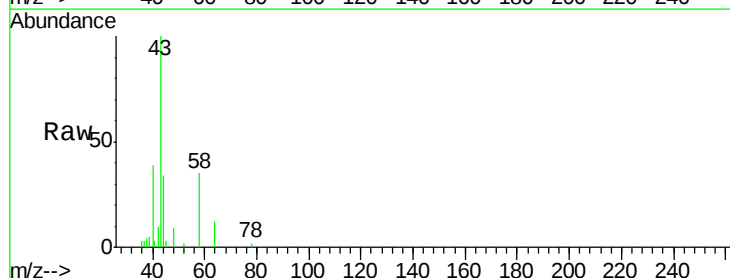
Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5D-R-M20W2-030619

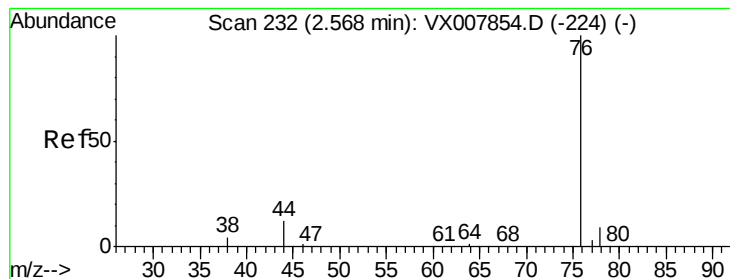
Tot Ion: 59 Resp: 2387
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 2.849 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008056.D
Acq: 13 Mar 2019 18:23

Tgt Ion: 43 Resp: 4397
Ion Ratio Lower Upper
43 100
58 35.0 25.5 38.3





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

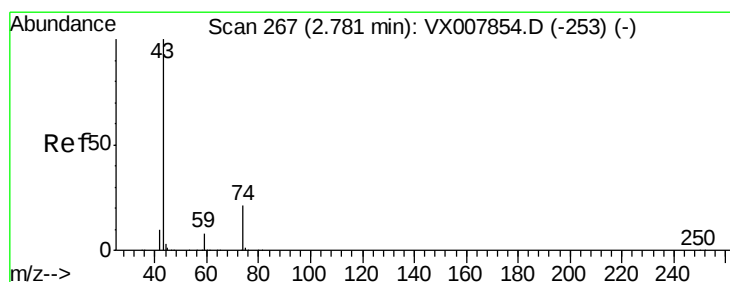
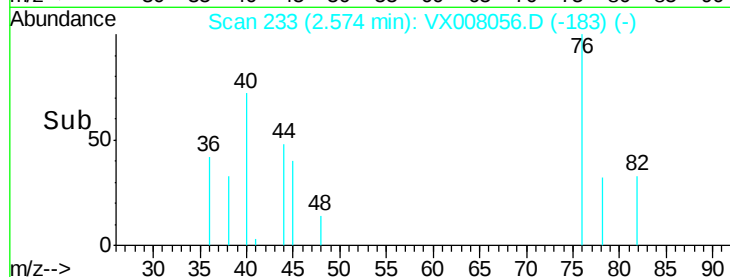
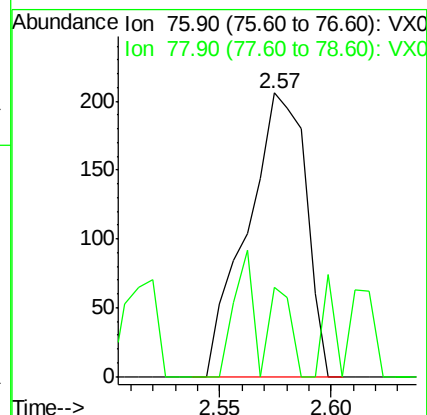
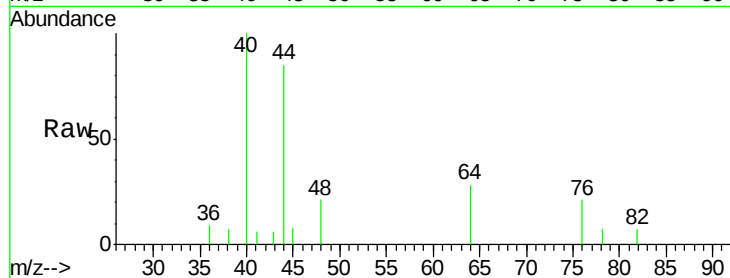
CPA-GMW-5D-R-M20W2-030619

Tot Ion: 76 Resp: 375

Ion Ratio Lower Upper

76 100

78 31.6 7.2 10.8#



#18

Methyl Acetate

Concen: 0.213 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008056.D

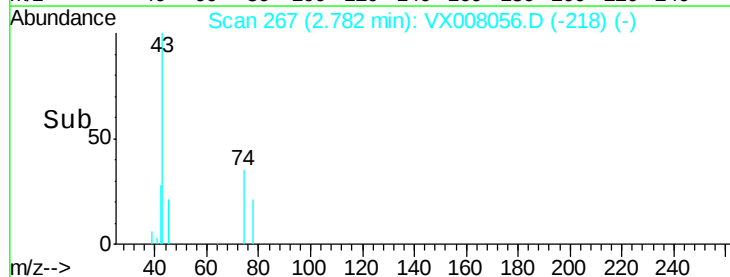
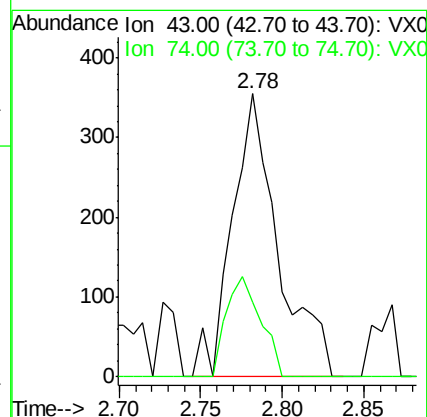
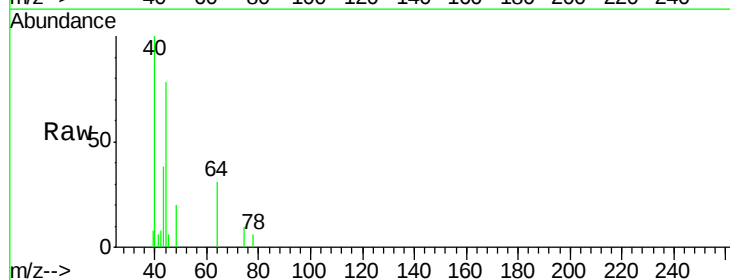
Acq: 13 Mar 2019 18:23

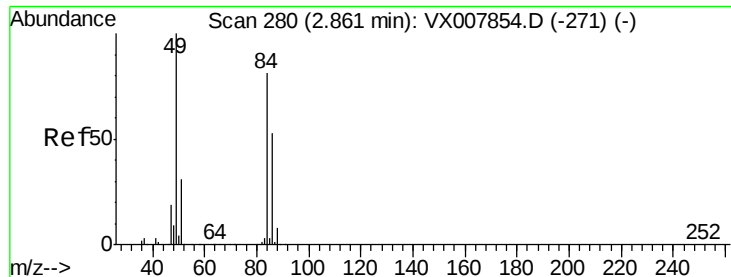
Tgt Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

74 26.5 17.8 26.6

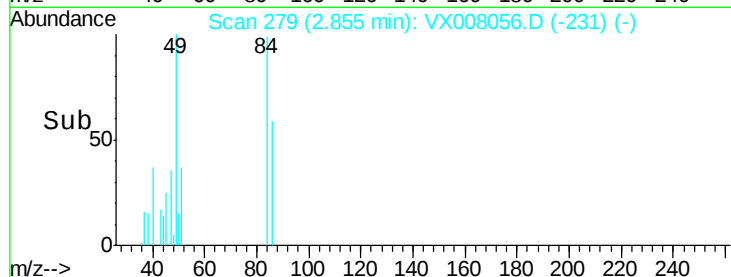
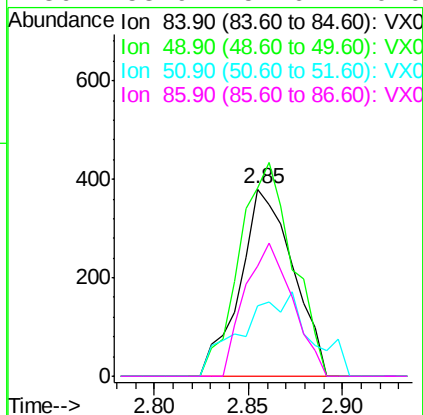
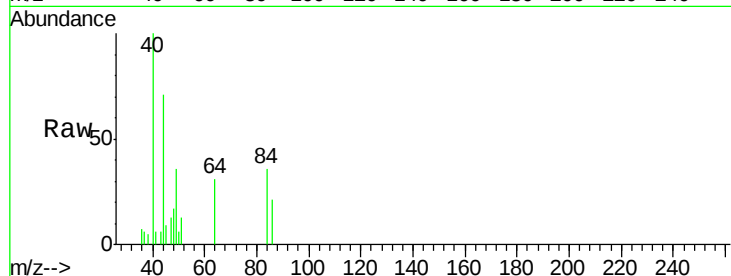




#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008056.D
Acq: 13 Mar 2019 18:23

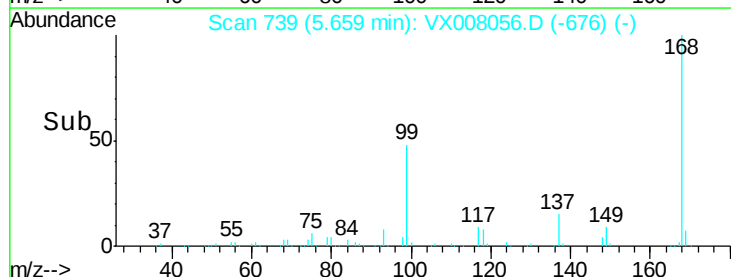
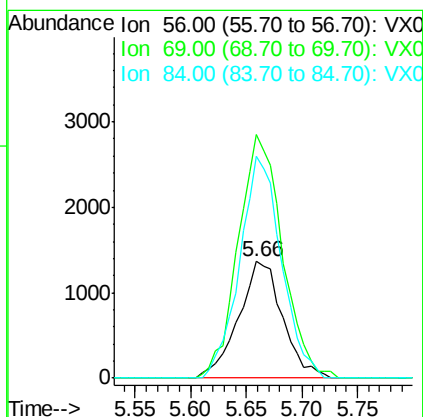
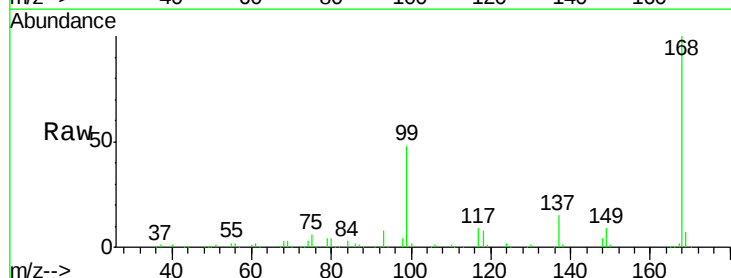
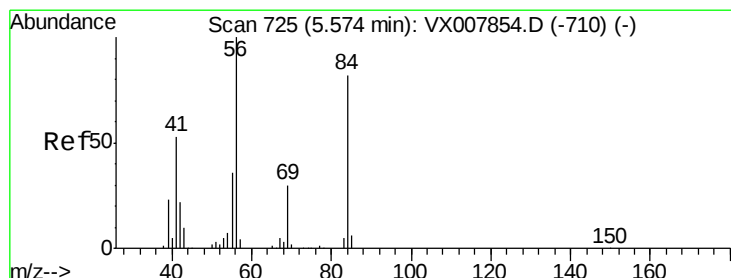
Instrument :
MSVOA_X
ClientSampleId :
CPA-GMW-5D-R-M20W2-030619

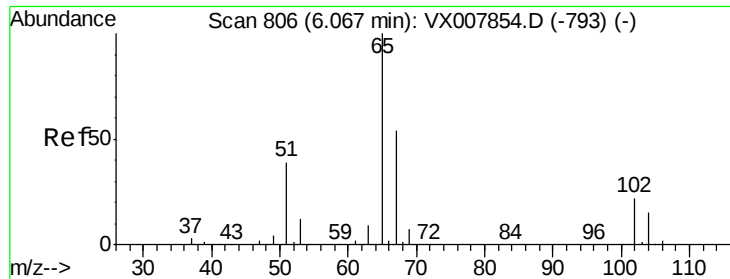
Tot Ion:	84	Resp:	743
Ion	Ratio	Lower	Upper
84	100		
49	100.5	99.3	148.9
51	37.6	31.3	46.9
86	58.9	52.6	79.0



#31
Cyclohexane
Concen: 0.918 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX008056.D
Acq: 13 Mar 2019 18:23

Tgt Ion:	56	Resp:	3761
Ion	Ratio	Lower	Upper
56	100		
69	209.5	24.0	36.0#
84	191.3	65.3	97.9#

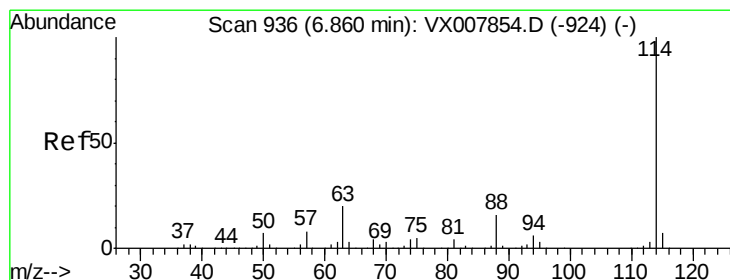
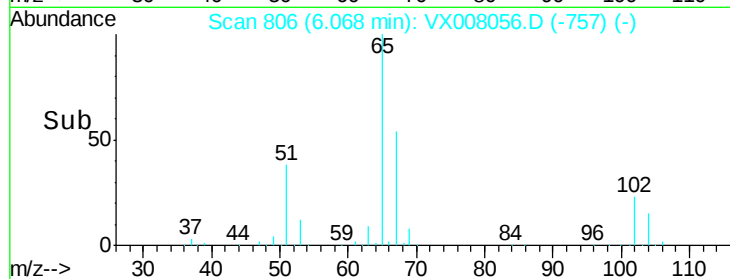
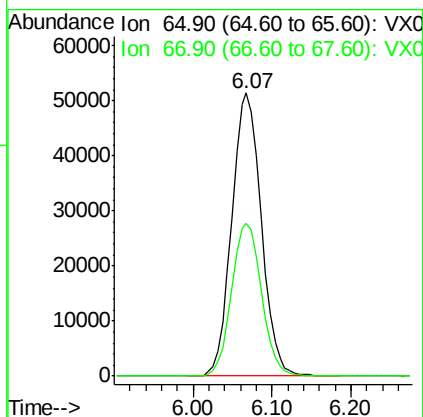
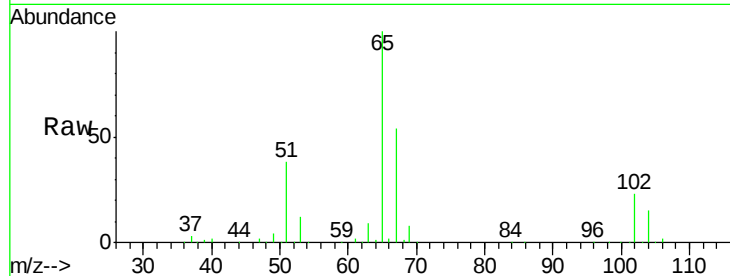




#33
 1,2-Dichloroethane-d4
 Concen: 50.222 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008056.D
 Acq: 13 Mar 2019 18:23

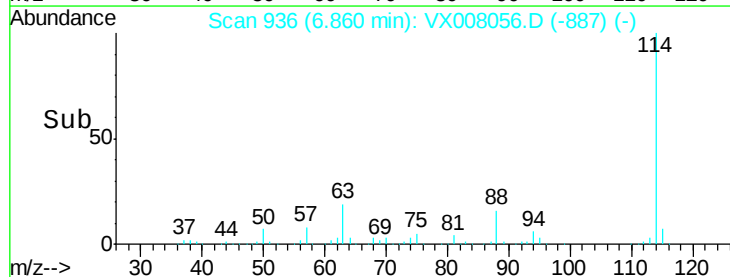
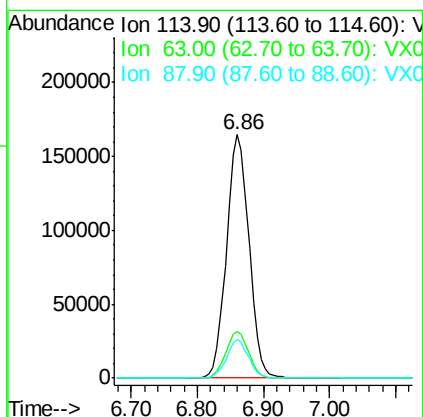
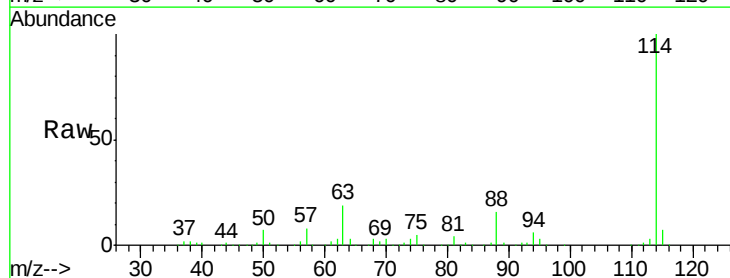
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5D-R-M20W2-030619

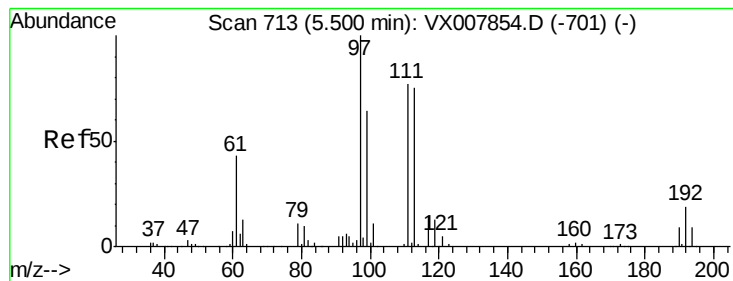
Tot Ion: 65 Resp: 133896
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008056.D
 Acq: 13 Mar 2019 18:23

Tgt Ion: 114 Resp: 388199
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.149 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5D-R-M20W2-030619

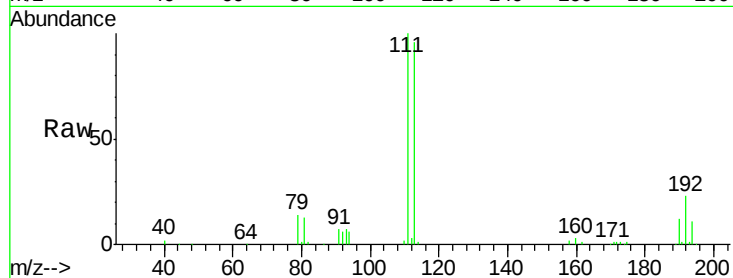
Tot Ion:113 Resp: 124530

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

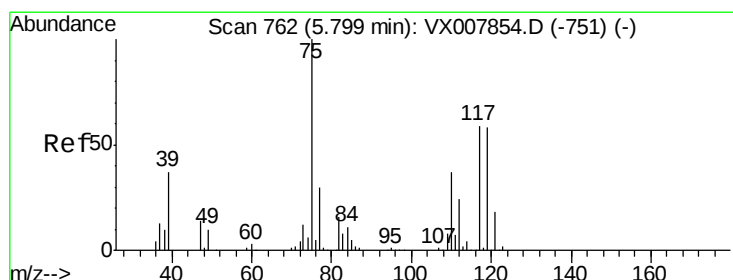
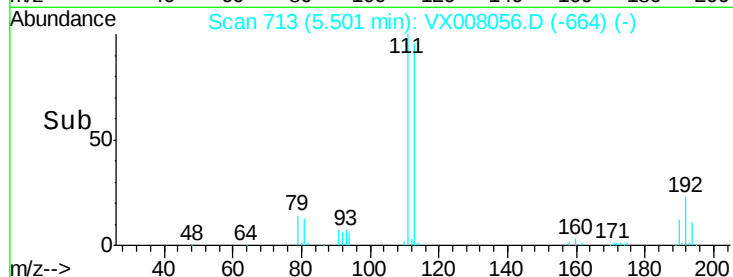
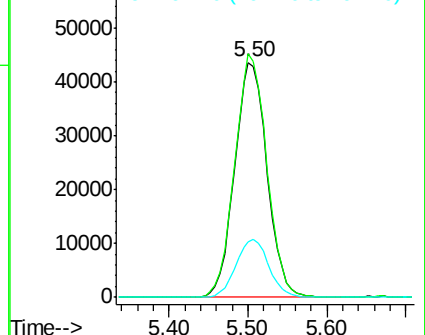
192 24.9 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.488 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

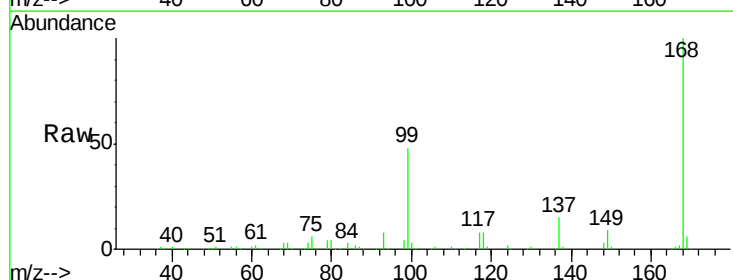
Tgt Ion: 75 Resp: 15775

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.0#

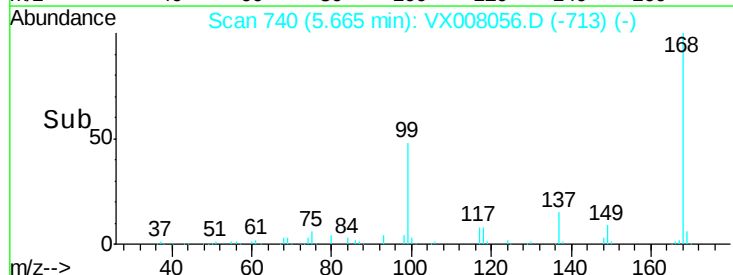
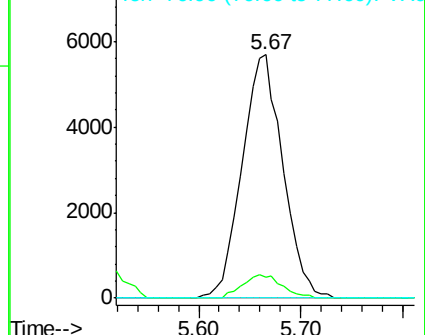
77 0.0 25.0 37.4#

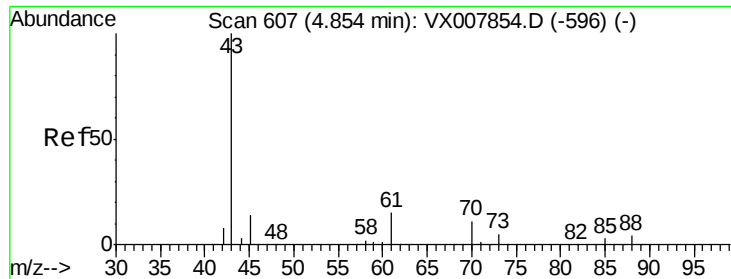


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 0.430 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5D-R-M20W2-030619

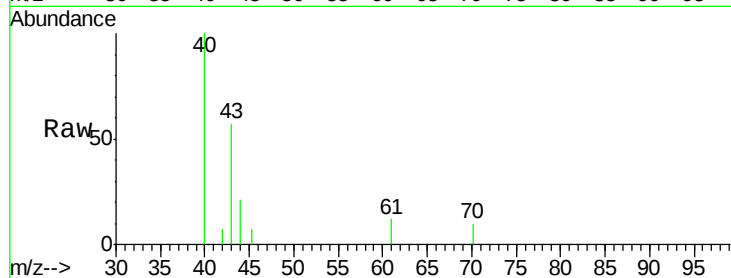
Tot Ion: 43 Resp: 1794

Ion Ratio Lower Upper

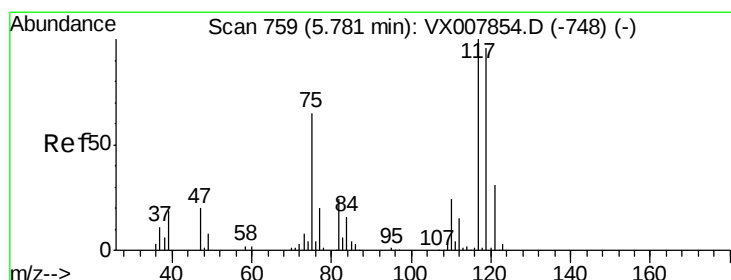
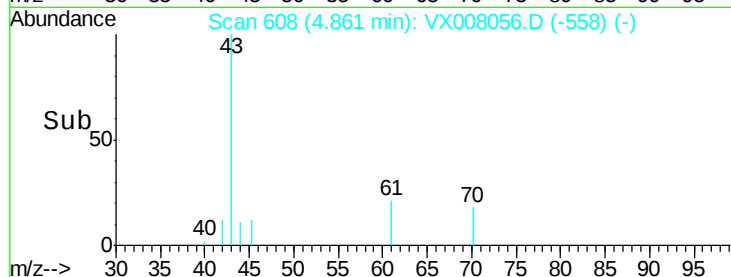
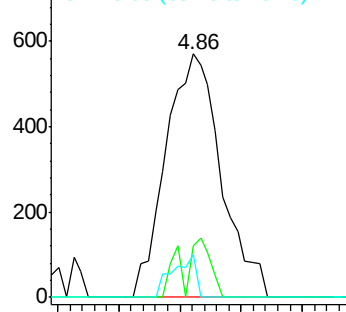
43 100

61 8.5 11.3 16.9#

70 7.2 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-596) (-)



#38

Carbon Tetrachloride

Concen: 6.332 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

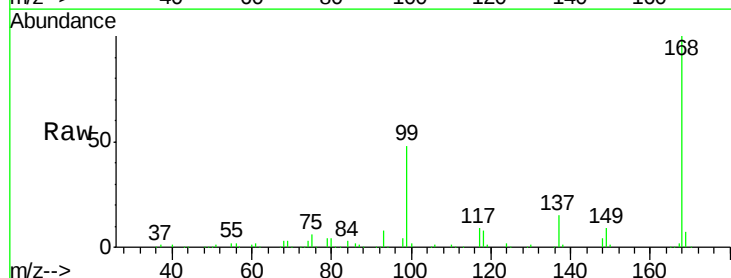
Tgt Ion: 117 Resp: 21130

Ion Ratio Lower Upper

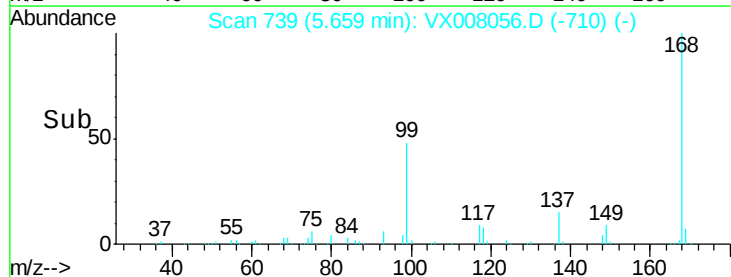
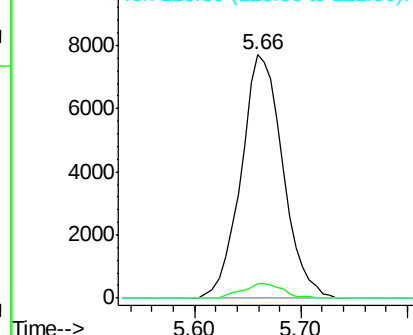
117 100

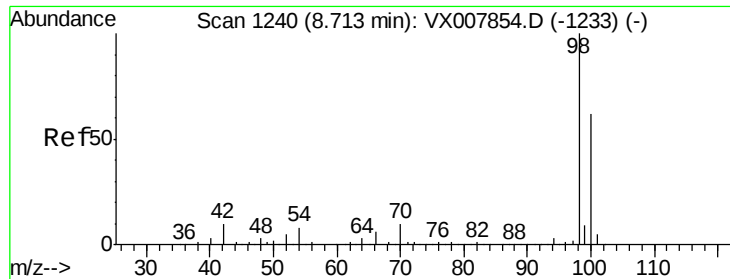
119 5.8 76.2 114.2#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): VX007854.D (-748) (-)





#50

Toluene-d8

Concen: 52.026 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

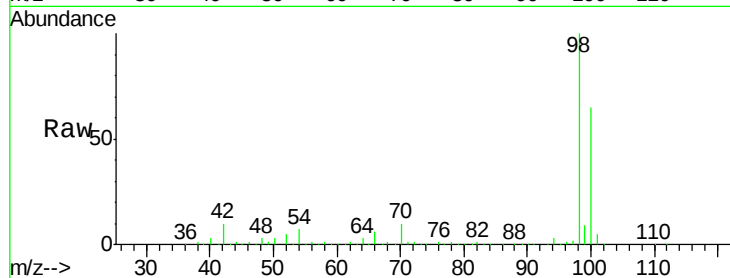
CPA-GMW-5D-R-M20W2-030619

Tot Ion: 98 Resp: 474453

Ion Ratio Lower Upper

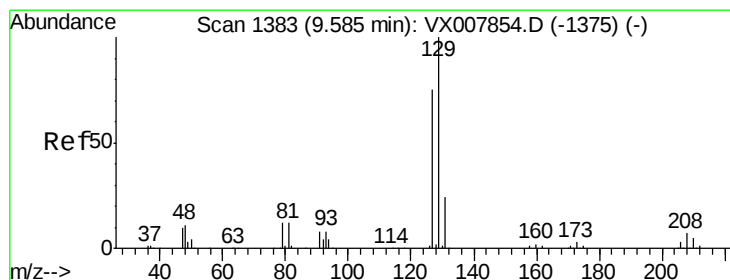
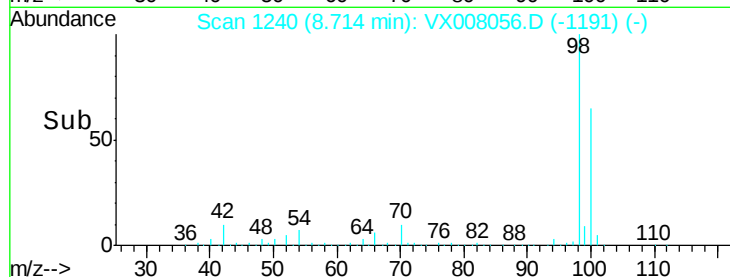
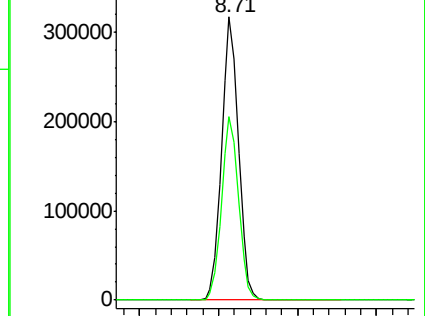
98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#60

Dibromochloromethane

Concen: 1.032 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.26 min

Lab File: VX008056.D

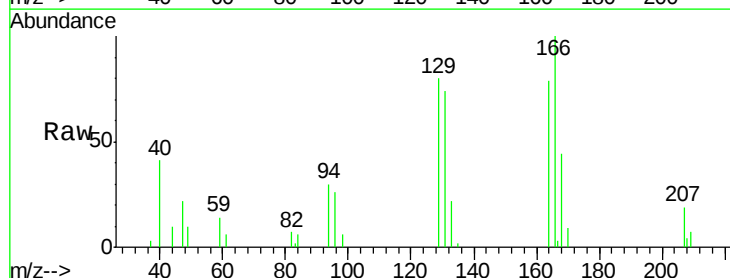
Acq: 13 Mar 2019 18:23

Tgt Ion:129 Resp: 2789

Ion Ratio Lower Upper

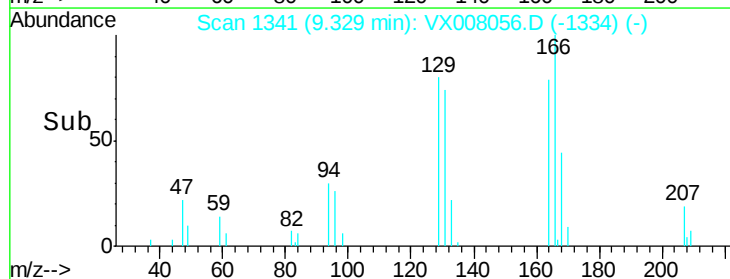
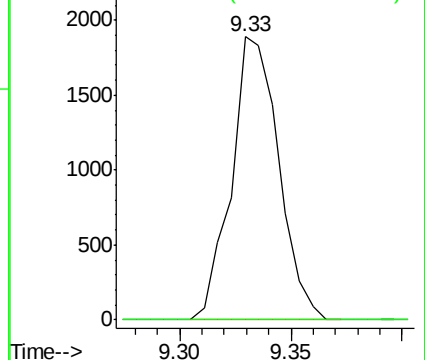
129 100

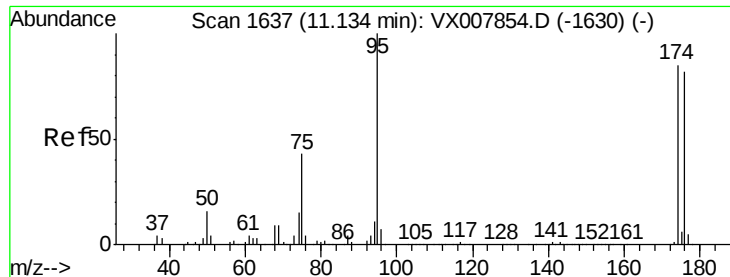
127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 54.958 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5D-R-M20W2-030619

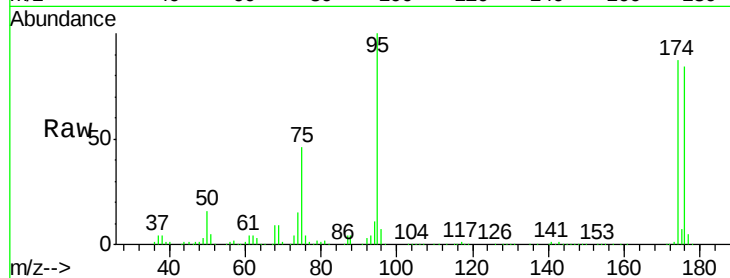
Tot Ion: 95 Resp: 175719

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

176 90.1 0.0 178.0

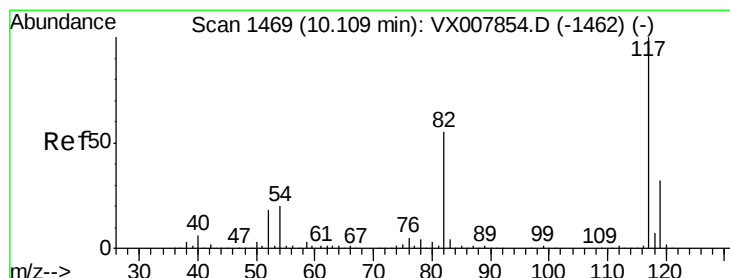
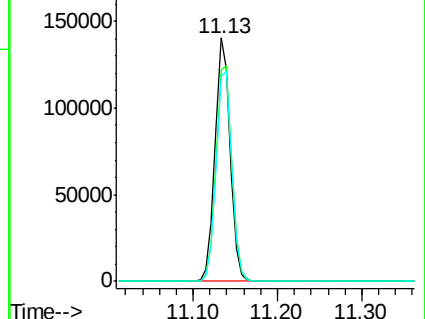
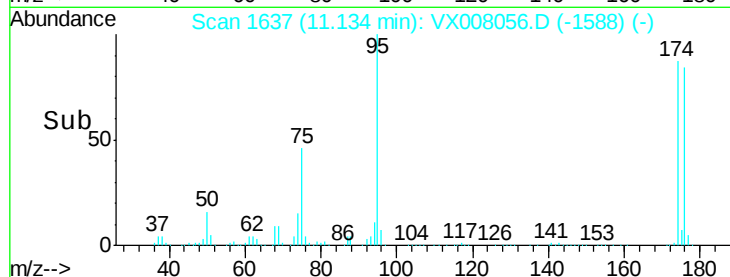


Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

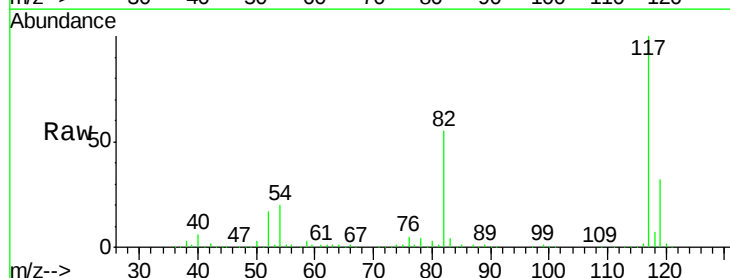
Tgt Ion: 117 Resp: 371234

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

119 31.9 25.3 37.9

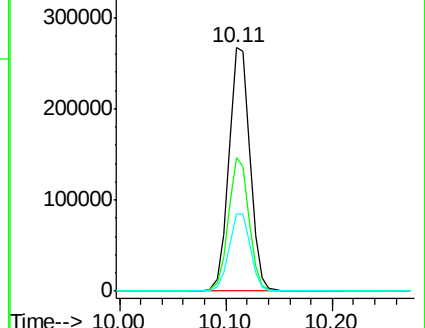
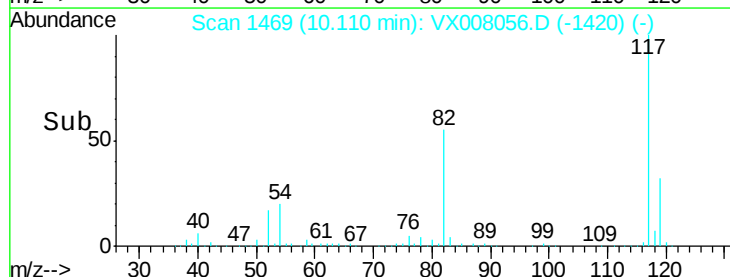


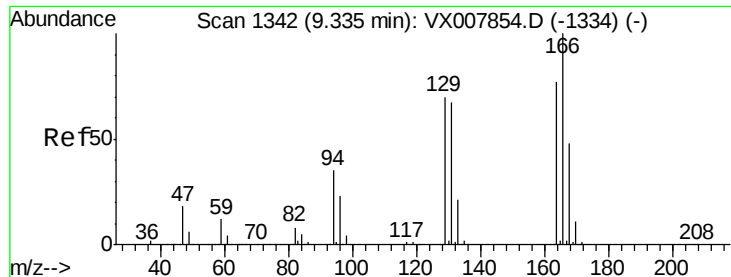
Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

Time-->





#64

Tetrachloroethene

Concen: 1.049 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5D-R-M20W2-030619

Tot Ion:164 Resp: 3226

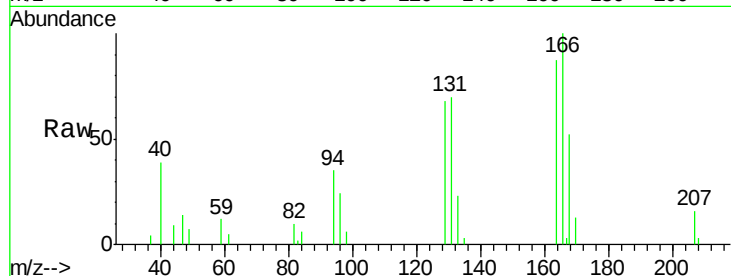
Ion Ratio Lower Upper

164 100

166 115.5 103.4 155.0

129 78.5 72.2 108.4

131 80.5 69.4 104.2



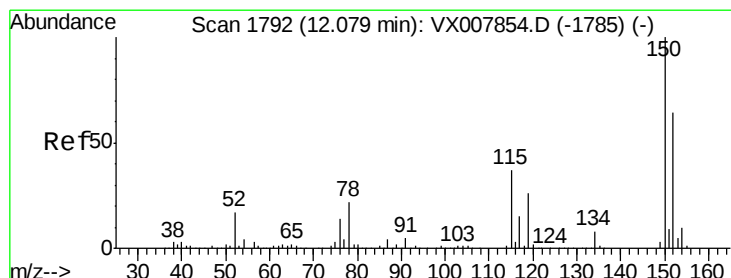
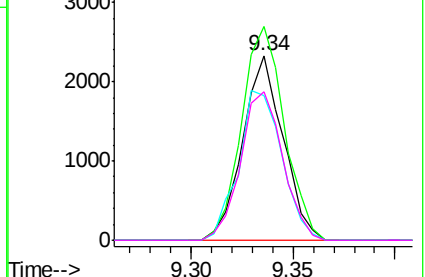
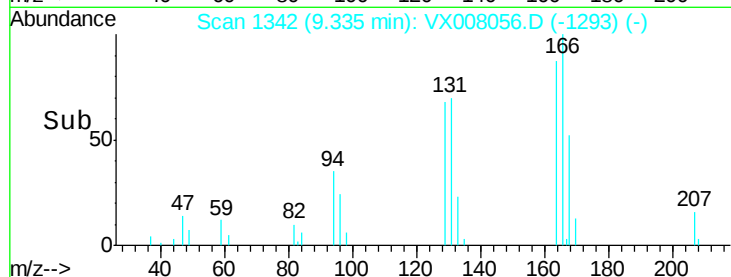
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

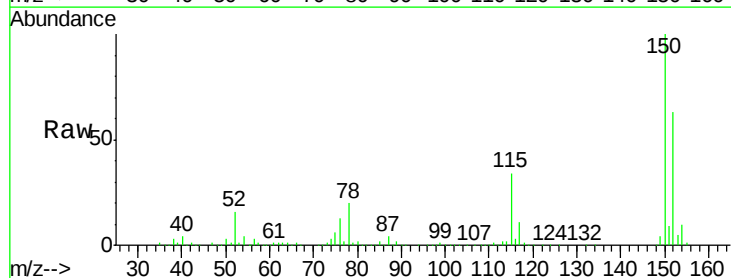
Tgt Ion:152 Resp: 181500

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

150 157.2 0.0 348.4

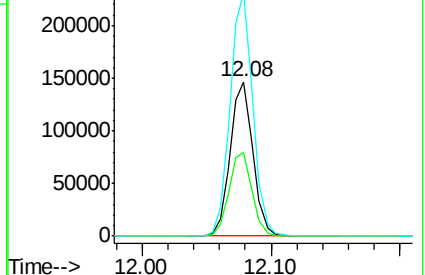
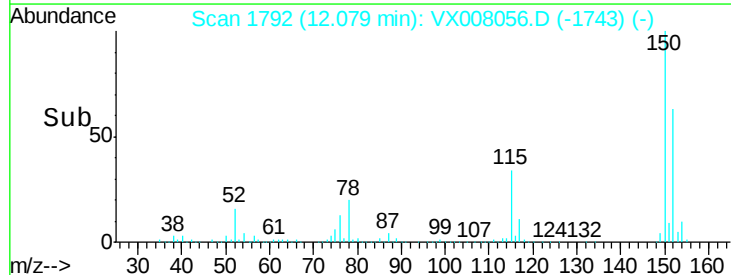


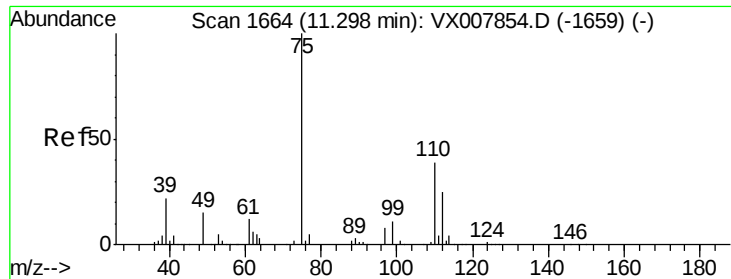
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->

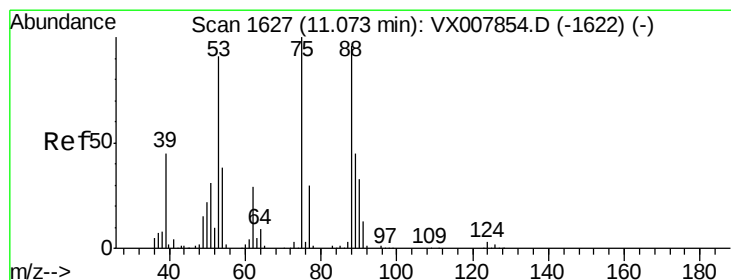
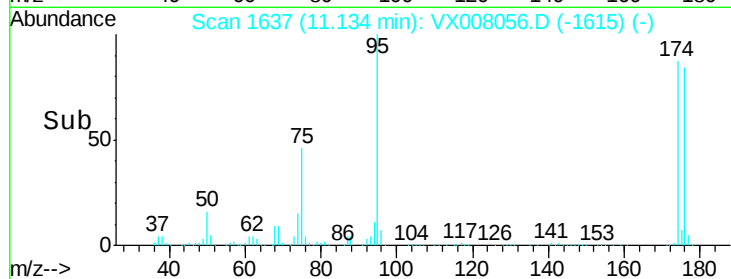
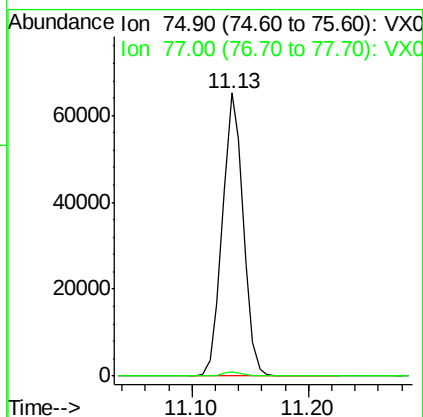
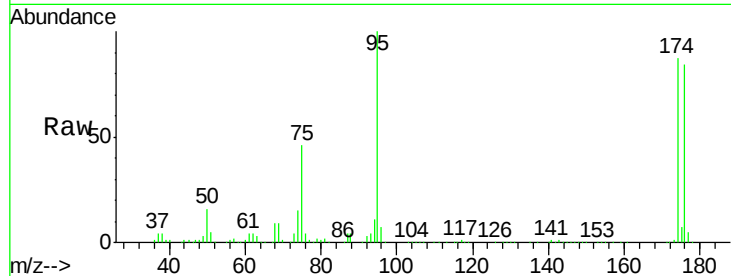




#76
 1,2,3-Trichloropropane
 Concen: 21.148 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008056.D
 Acq: 13 Mar 2019 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5D-R-M20W2-030619

Tot Ion: 75 Resp: 80544
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.599 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008056.D
 Acq: 13 Mar 2019 18:23

Tgt Ion: 75 Resp: 80544
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#

