

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008053.D
 Acq On : 13 Mar 2019 17:03
 Operator : JC/SP
 Sample : K1828-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M20W2-030619

Quant Time: Mar 14 04:18:44 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	244794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181227	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	129889	50.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.60%	
35) Dibromofluoromethane	5.51	113	120670	48.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	476922	52.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.13	95	174128	54.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.54%	

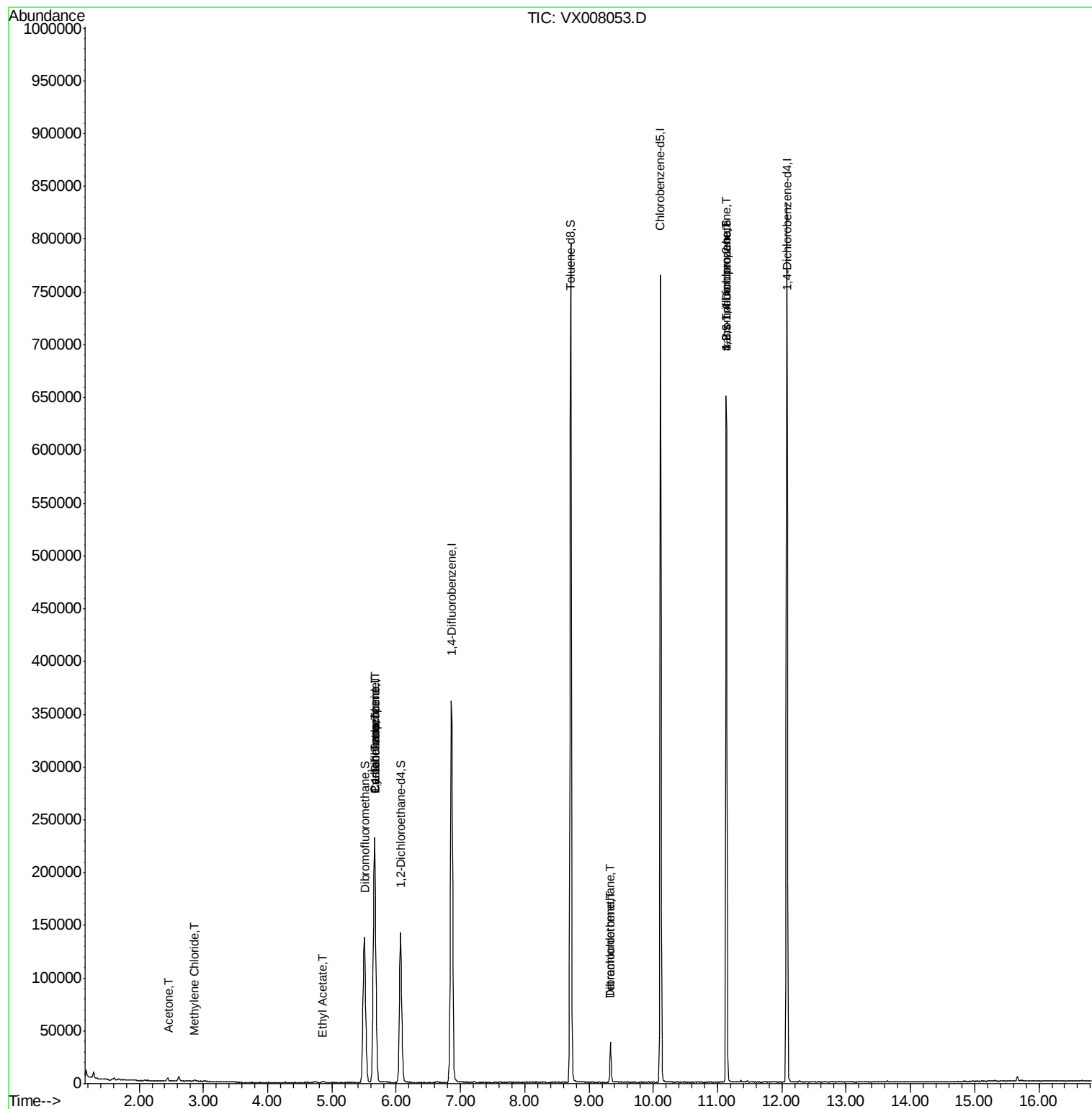
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	223	Below Cal		90
16) Acetone	2.45	43	3480	2.328	ug/l	98
17) Carbon Disulfide	2.57	76	562	Below Cal	#	75
20) Methylene Chloride	2.86	84	491	0.206	ug/l	92
31) Cyclohexane	5.67	56	3511	0.885	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14941	4.275	ug/l #	49
37) Ethyl Acetate	4.86	43	1258	0.303	ug/l #	74
38) Carbon Tetrachloride	5.67	117	20631	6.218	ug/l #	17
60) Dibromochloromethane	9.34	129	7085	2.636	ug/l #	11
64) Tetrachloroethene	9.34	164	7892	2.562	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	78881	20.742	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	78881	66.303	ug/l #	11

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

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Quant Time: Mar 14 04:18:44 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: VX008053.D

Acq: 13 Mar 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

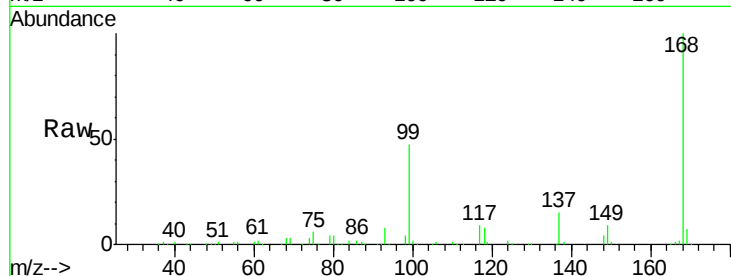
CPA-CPMW05S-M20W2-030619

Tot Ion:168 Resp: 244794

Ion Ratio Lower Upper

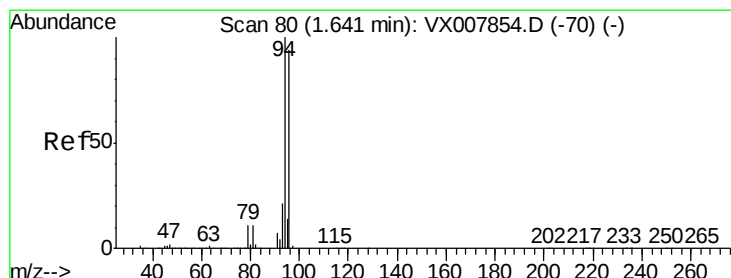
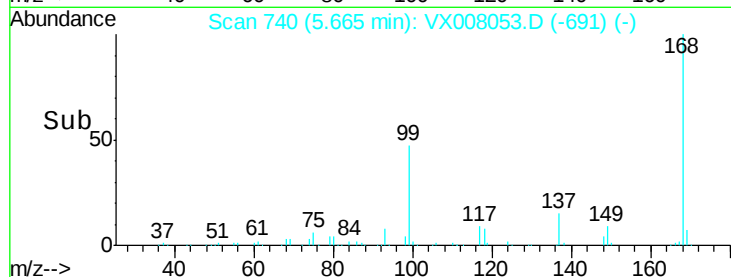
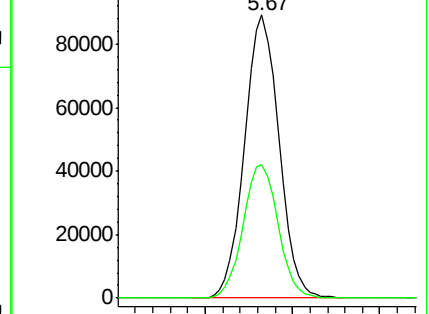
168 100

99 47.3 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: VX008053.D

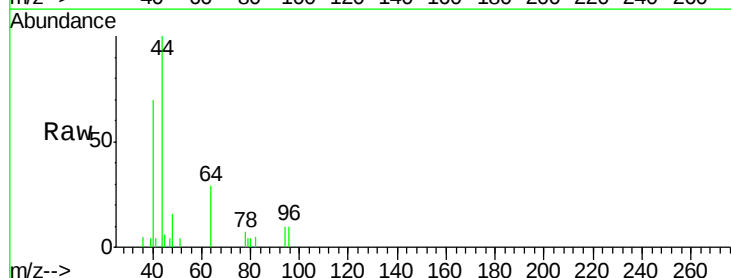
Acq: 13 Mar 2019 17:03

Tgt Ion: 94 Resp: 223

Ion Ratio Lower Upper

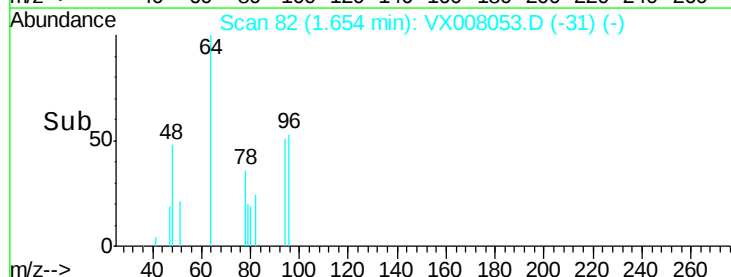
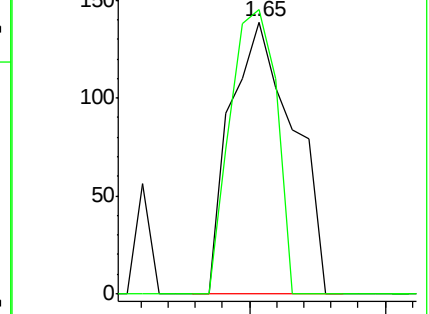
94 100

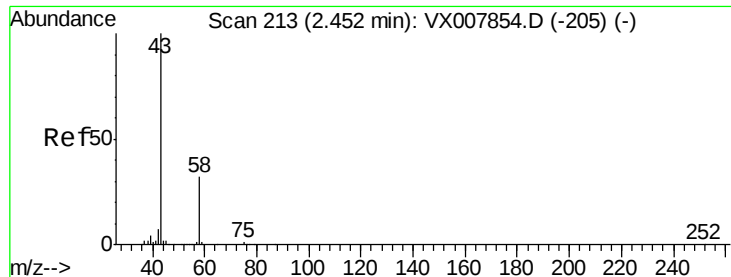
96 104.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#16

Acetone

Concen: 2.328 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

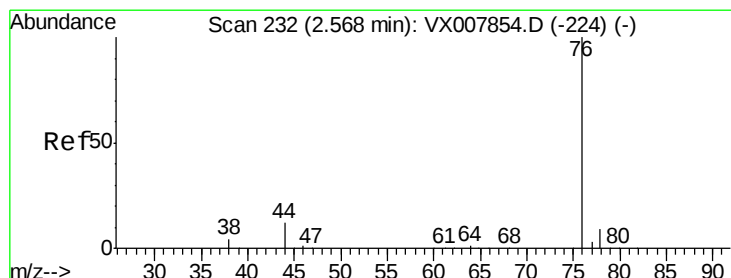
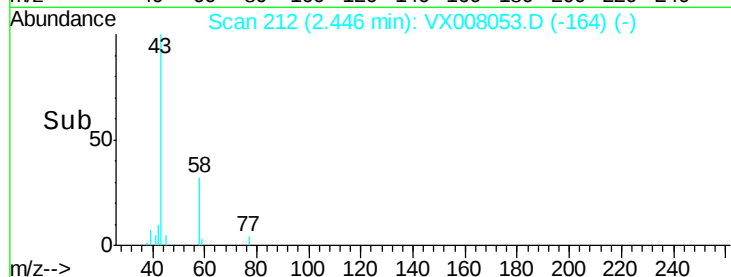
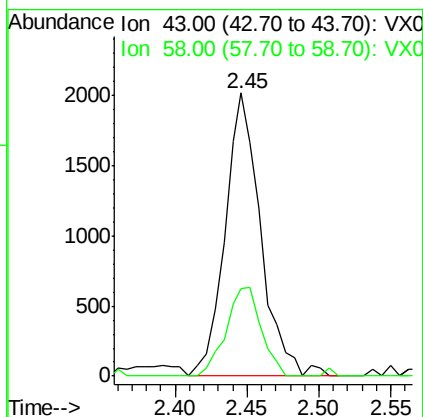
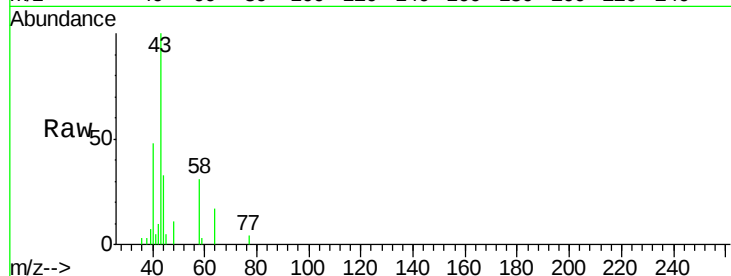
CPA-CPMW05S-M20W2-030619

Tot Ion: 43 Resp: 3480

Ion Ratio Lower Upper

43 100

58 30.8 25.5 38.3



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008053.D

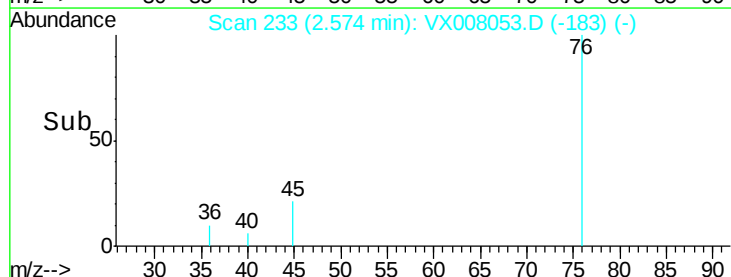
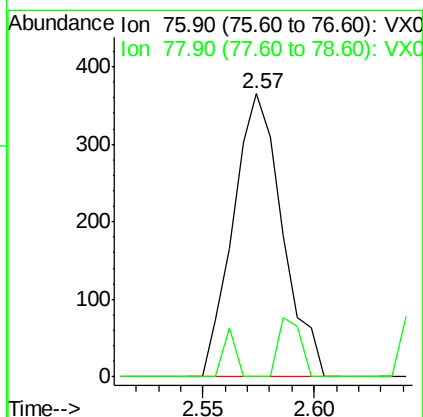
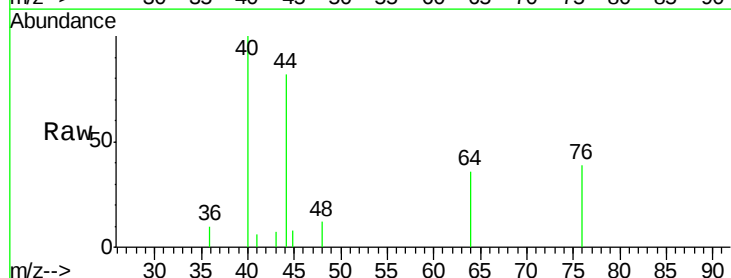
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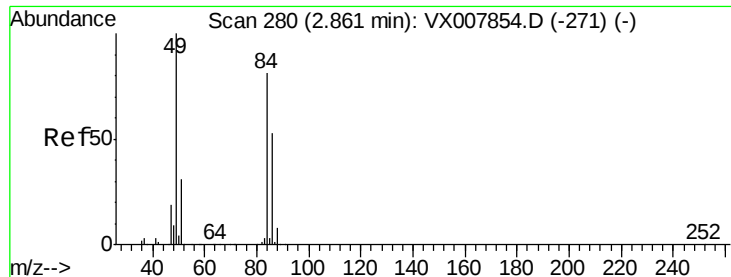
Tgt Ion: 76 Resp: 562

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

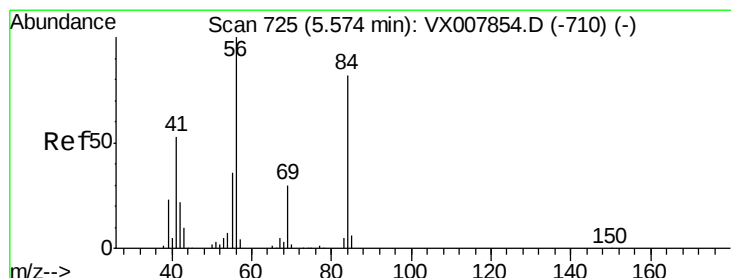
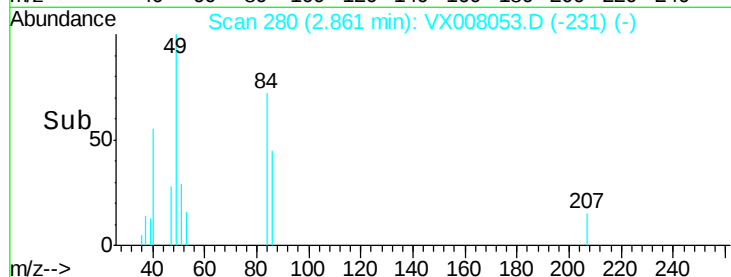
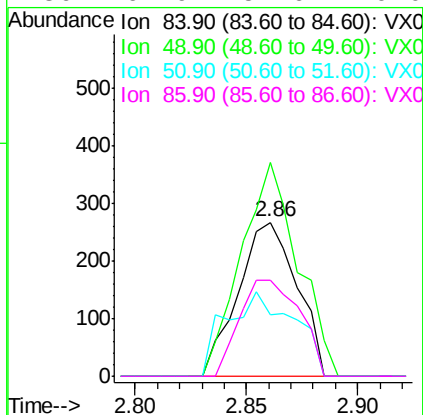
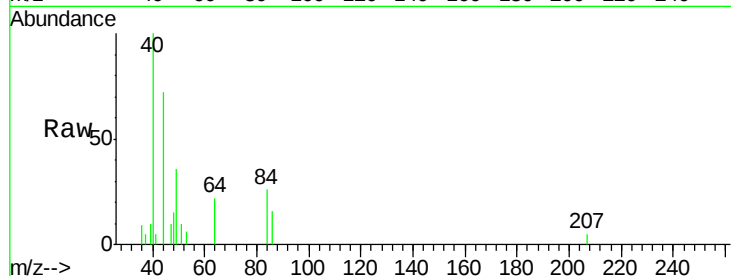




#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008053.D
Acq: 13 Mar 2019 17:03

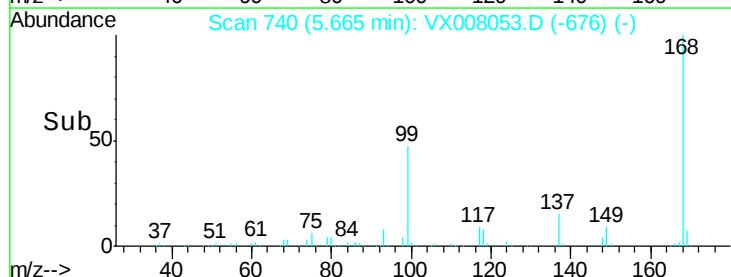
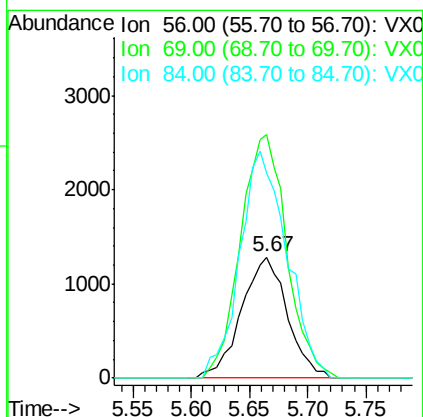
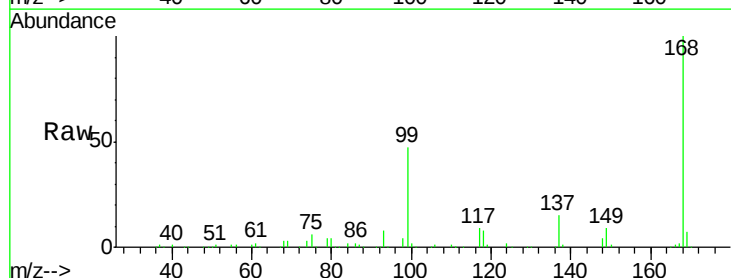
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M20W2-030619

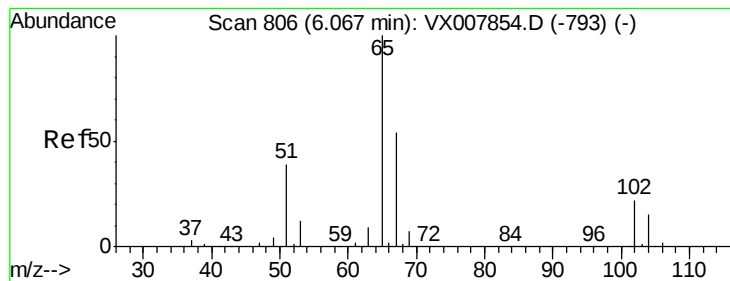
Tot Ion:	84	Resp:	491
Ion	Ratio	Lower	Upper
84	100		
49	138.4	99.3	148.9
51	39.9	31.3	46.9
86	61.9	52.6	79.0



#31
Cyclohexane
Concen: 0.885 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008053.D
Acq: 13 Mar 2019 17:03

Tgt Ion:	56	Resp:	3511
Ion	Ratio	Lower	Upper
56	100		
69	200.7	24.0	36.0#
84	169.6	65.3	97.9#





#33

1,2-Dichloroethane-d4

Concen: 50.299 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

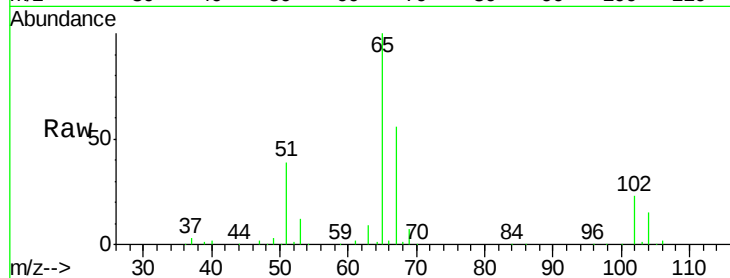
CPA-CPMW05S-M20W2-030619

Tot Ion: 65 Resp: 129889

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

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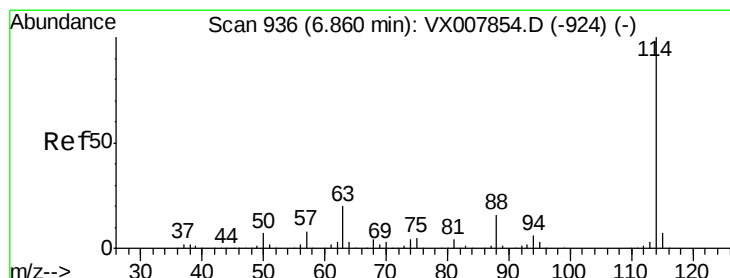
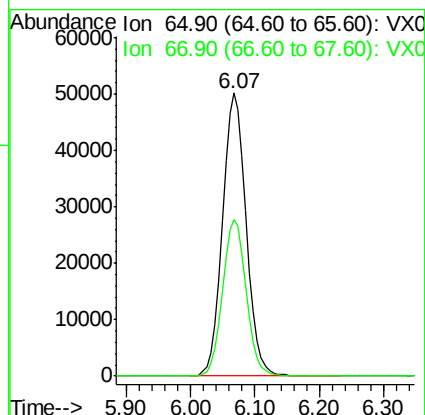
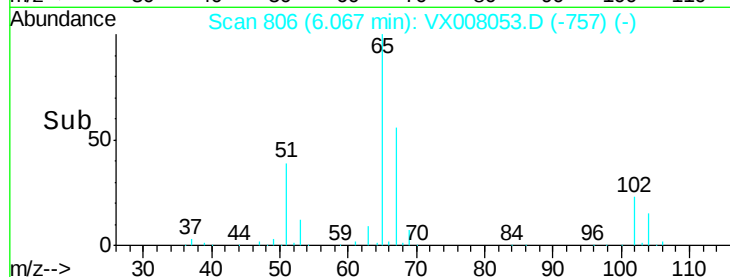
6.07

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

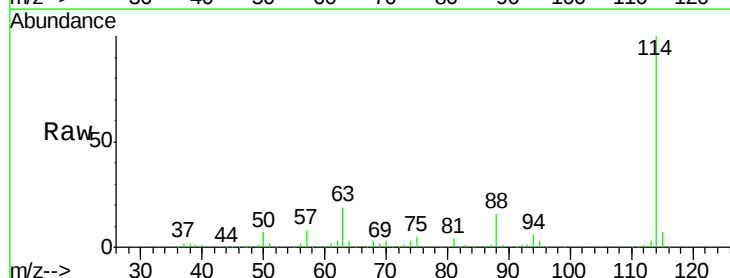
Tgt Ion: 114 Resp: 385971

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

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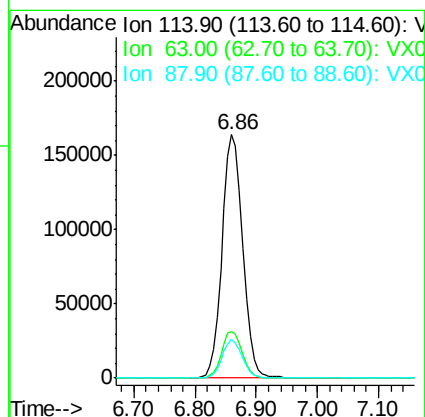
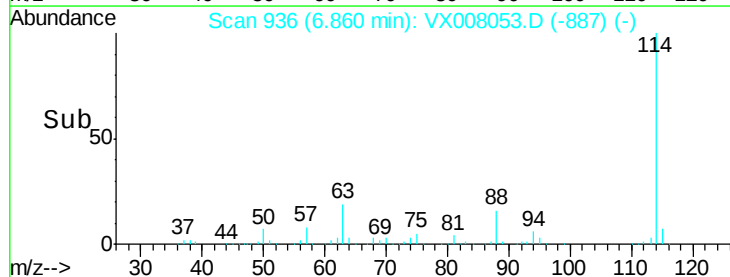
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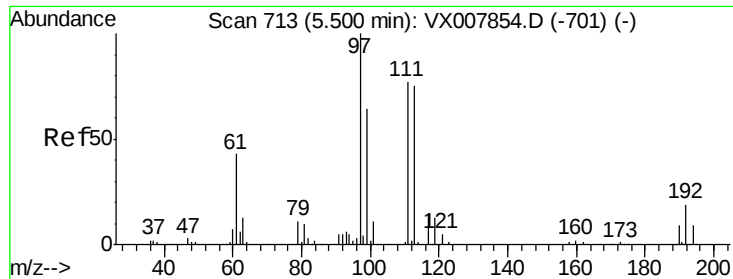
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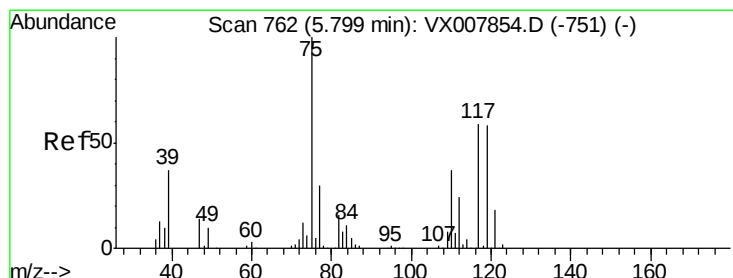
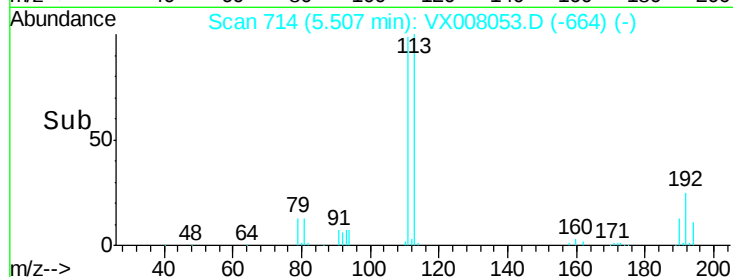
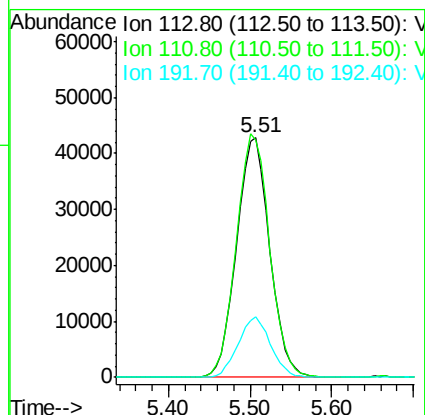
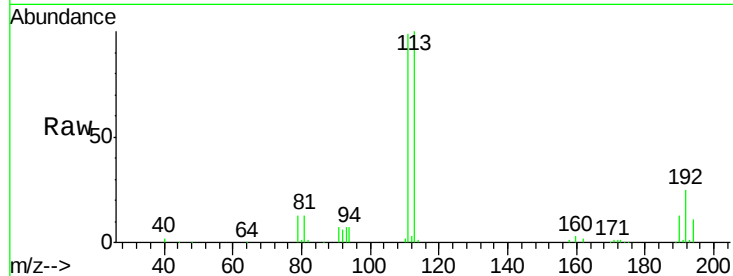




#35
 Dibromofluoromethane
 Concen: 48.875 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008053.D
 Acq: 13 Mar 2019 17:03

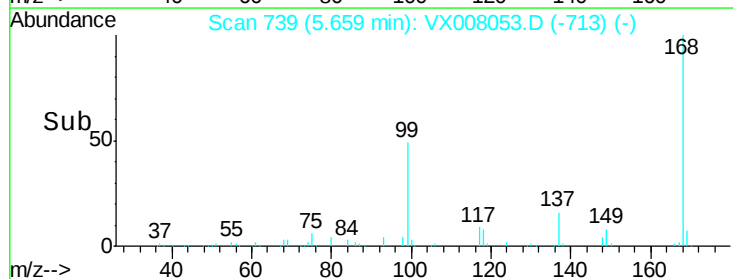
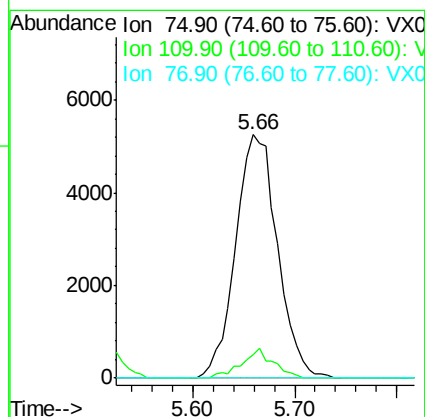
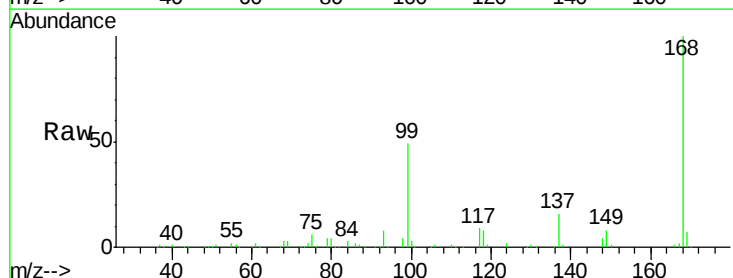
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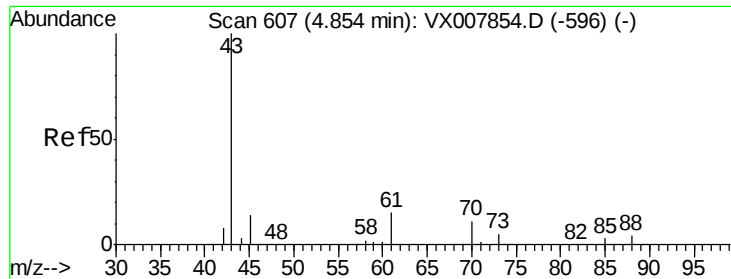
Tot Ion:113 Resp: 120670
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 24.7 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 4.275 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008053.D
 Acq: 13 Mar 2019 17:03

Tgt Ion: 75 Resp: 14941
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.4 55.0#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.303 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M20W2-030619

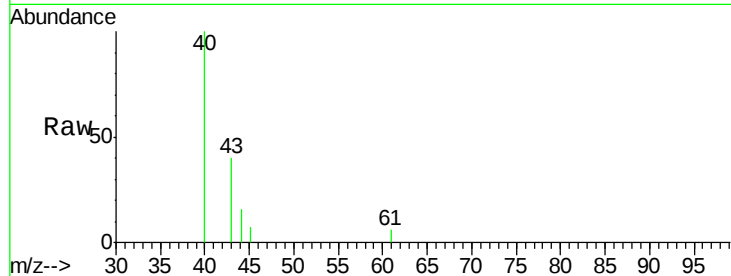
Tot Ion: 43 Resp: 1258

Ion Ratio Lower Upper

43 100

61 3.9 11.3 16.9#

70 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

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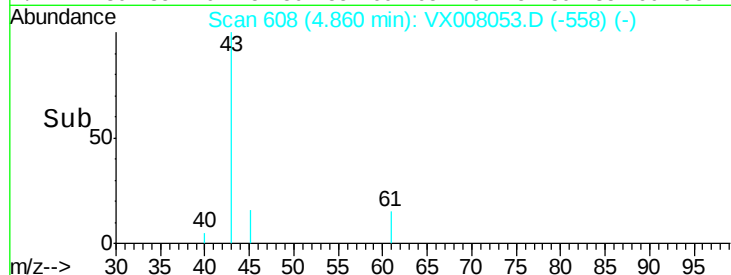
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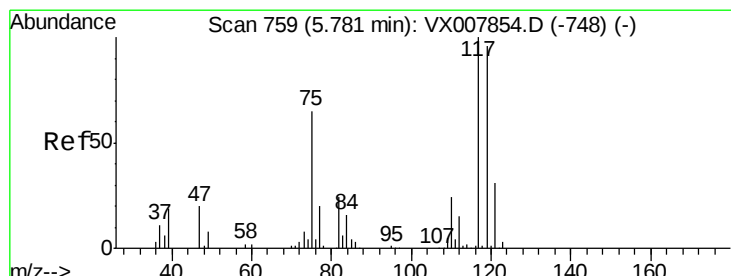
4.86

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Time-->



#38

Carbon Tetrachloride

Concen: 6.218 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

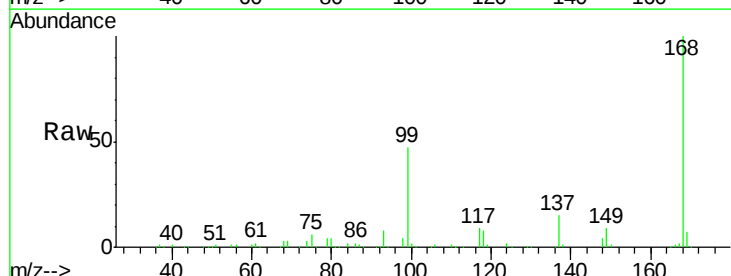
Tgt Ion: 117 Resp: 20631

Ion Ratio Lower Upper

117 100

119 6.4 76.2 114.2#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

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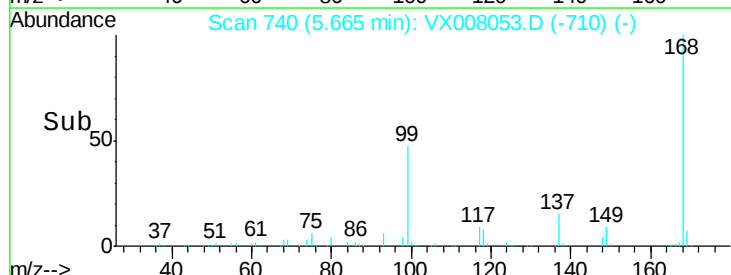
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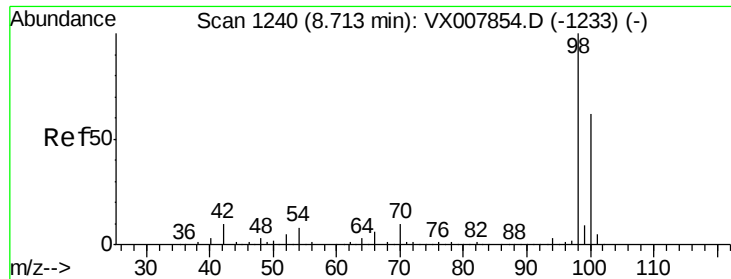
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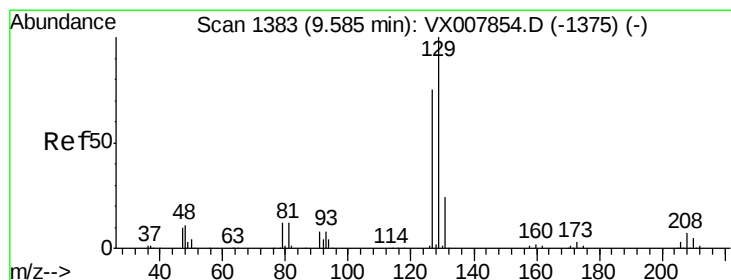
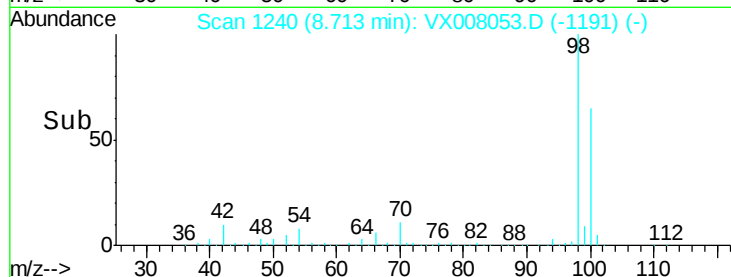
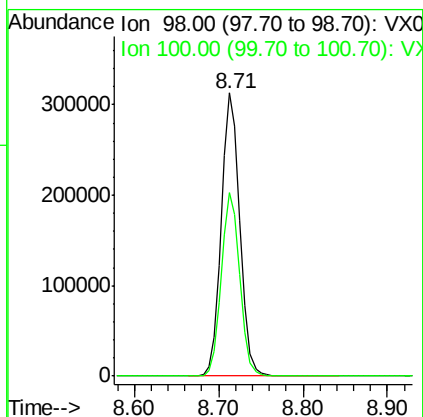
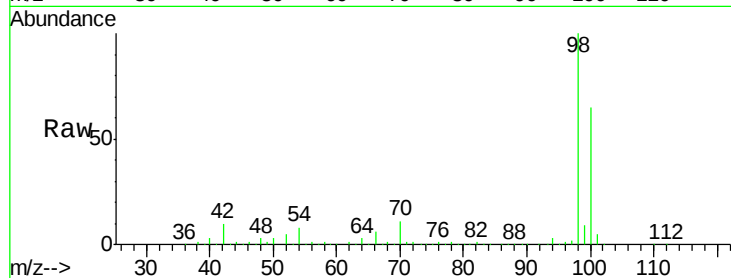
Time-->



#50
Toluene-d8
Concen: 52.598 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008053.D
Acq: 13 Mar 2019 17:03

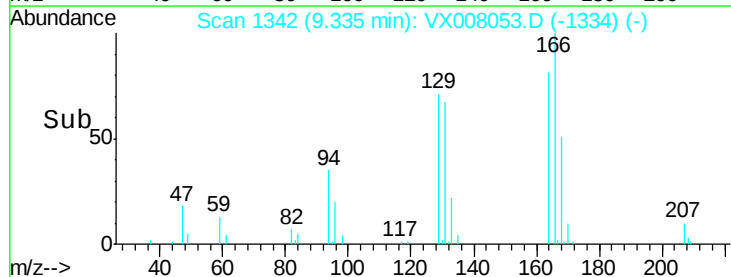
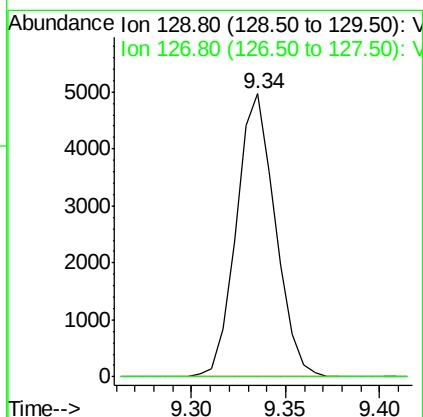
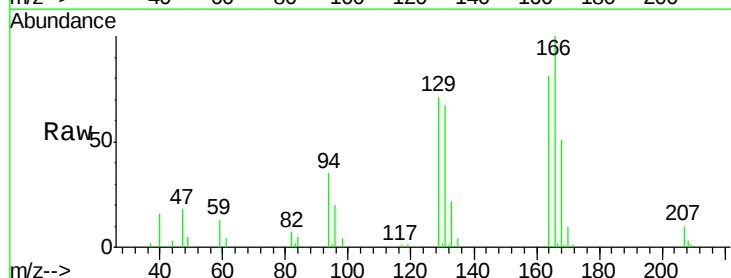
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M20W2-030619

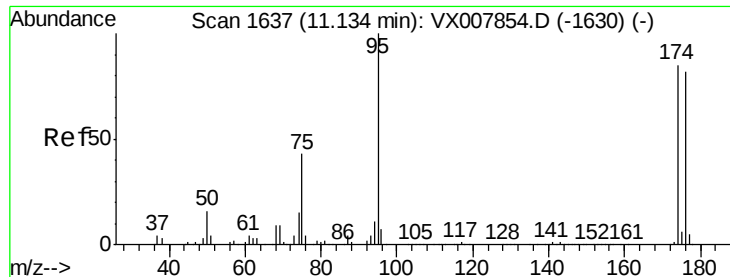
Tot Ion: 98 Resp: 476922
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#60
Dibromochloromethane
Concen: 2.636 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX008053.D
Acq: 13 Mar 2019 17:03

Tgt Ion: 129 Resp: 7085
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 54.774 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M20W2-030619

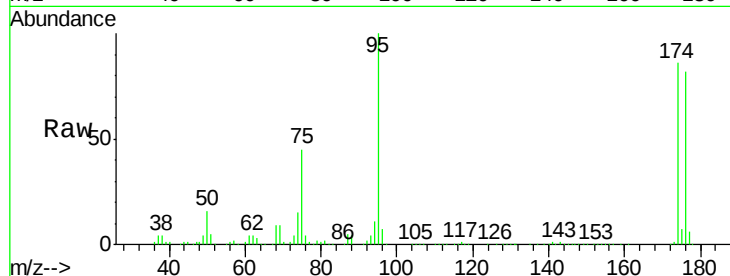
Tot Ion: 95 Resp: 174128

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.8

176 90.7 0.0 178.0

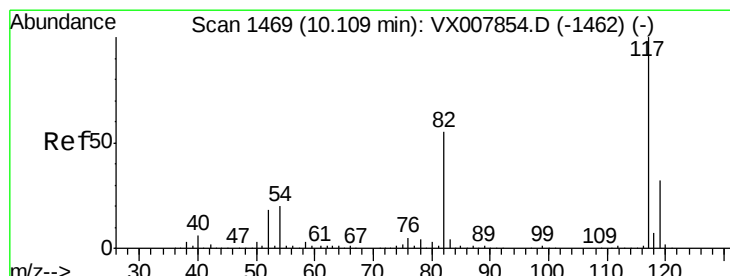
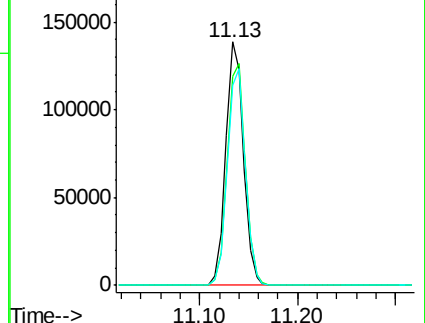
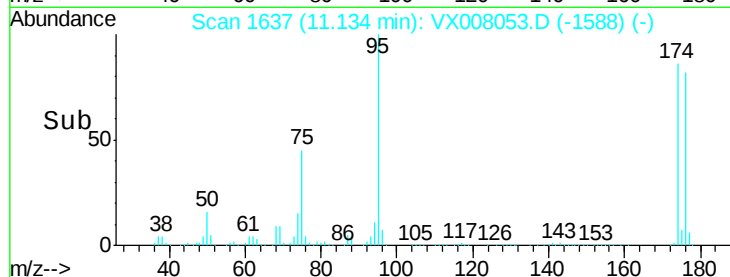


Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

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: VX008053.D

Acq: 13 Mar 2019 17:03

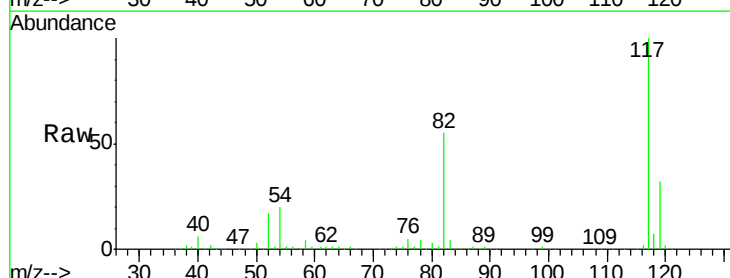
Tgt Ion: 117 Resp: 371707

Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

119 32.4 25.3 37.9

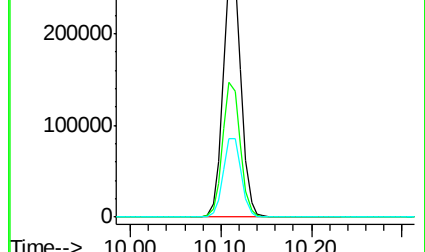
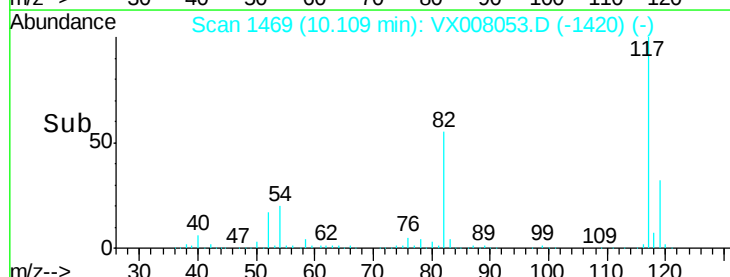


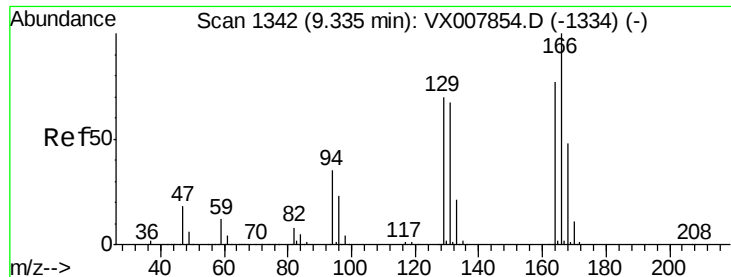
Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

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: 2.562 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M20W2-030619

Tot Ion:164 Resp: 7892

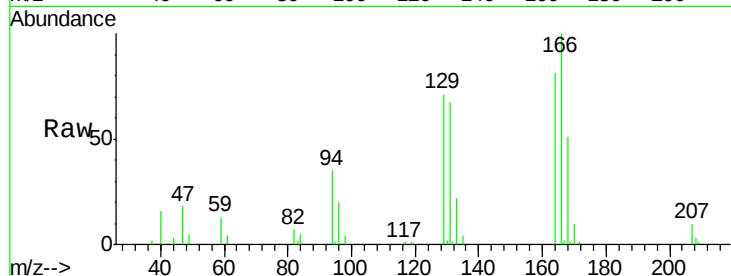
Ion Ratio Lower Upper

164 100

166 123.3 103.4 155.0

129 88.1 72.2 108.4

131 82.5 69.4 104.2

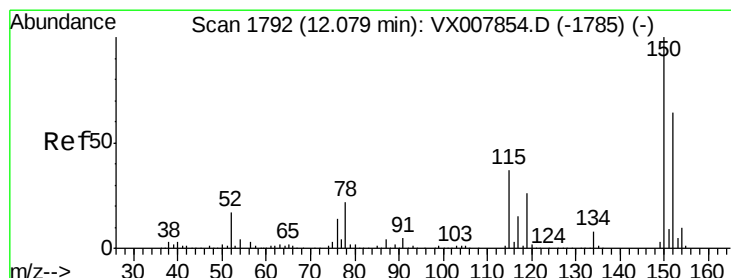
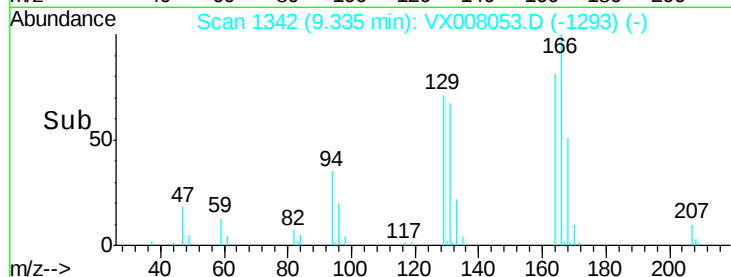
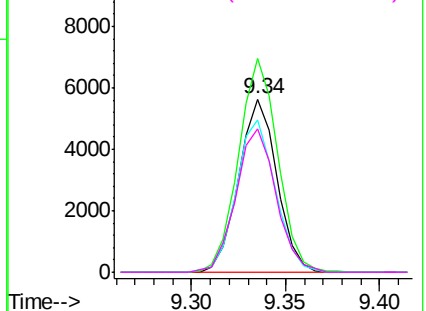


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

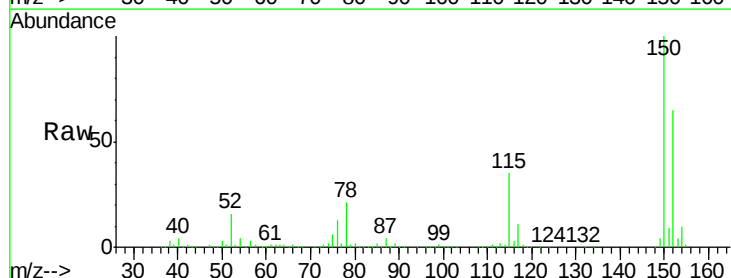
Tgt Ion:152 Resp: 181227

Ion Ratio Lower Upper

152 100

115 54.7 38.6 115.7

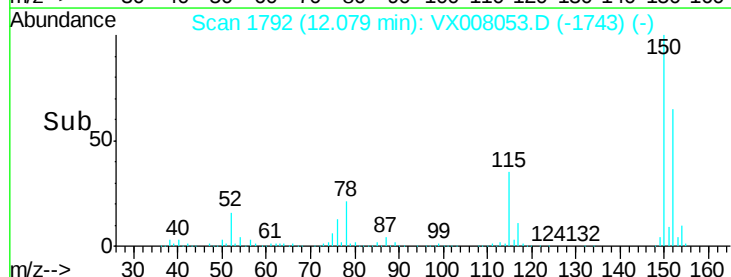
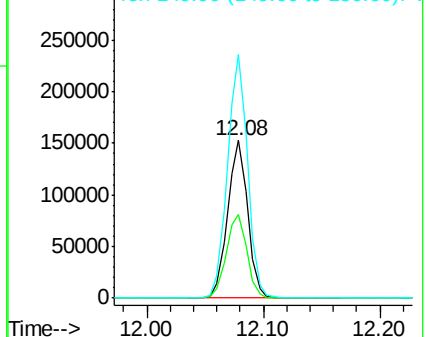
150 155.7 0.0 348.4

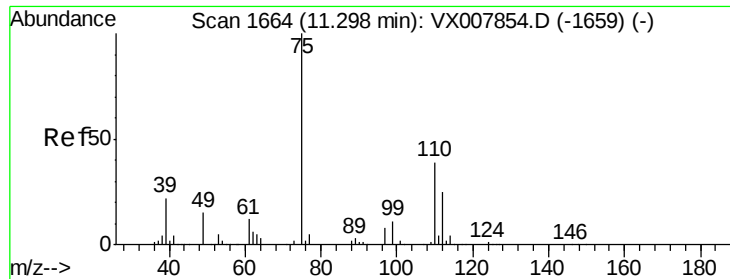


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

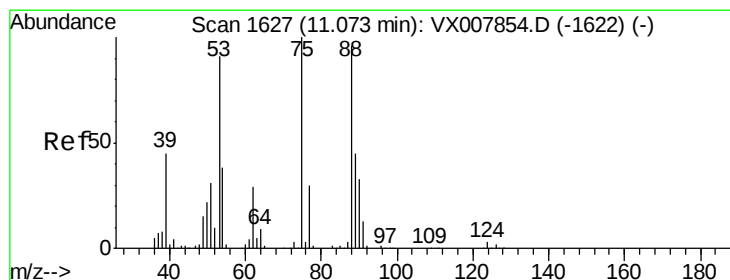
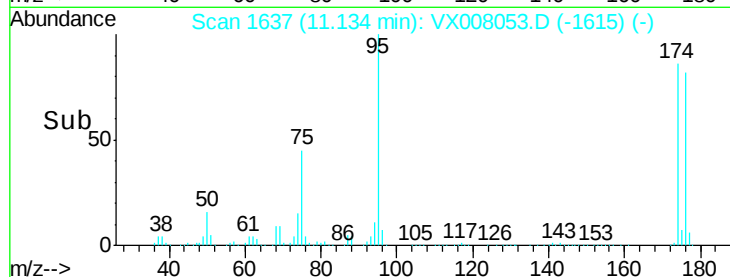
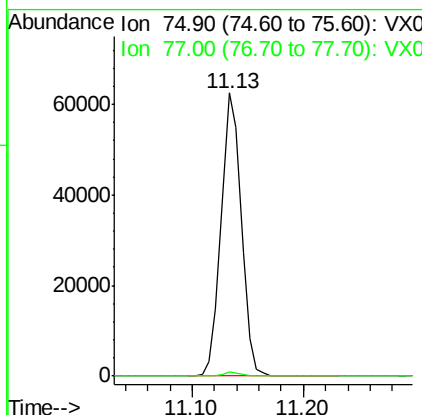
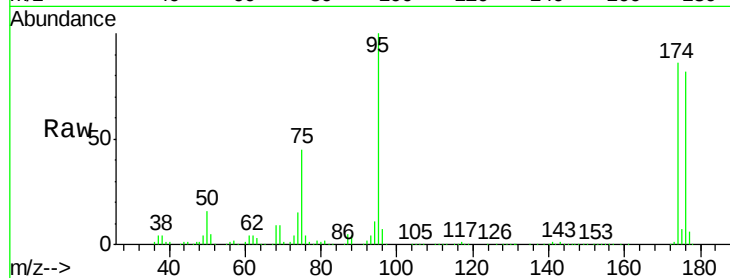




#76
 1,2,3-Trichloropropane
 Concen: 20.742 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008053.D
 Acq: 13 Mar 2019 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M20W2-030619

Tot Ion: 75 Resp: 78881
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.303 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008053.D
 Acq: 13 Mar 2019 17:03

Tgt Ion: 75 Resp: 78881
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#

