

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008055.D
 Acq On : 13 Mar 2019 17:56
 Operator : JC/SP
 Sample : K1828-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW5S-R-M20W2-030619

Quant Time: Mar 14 04:48:52 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

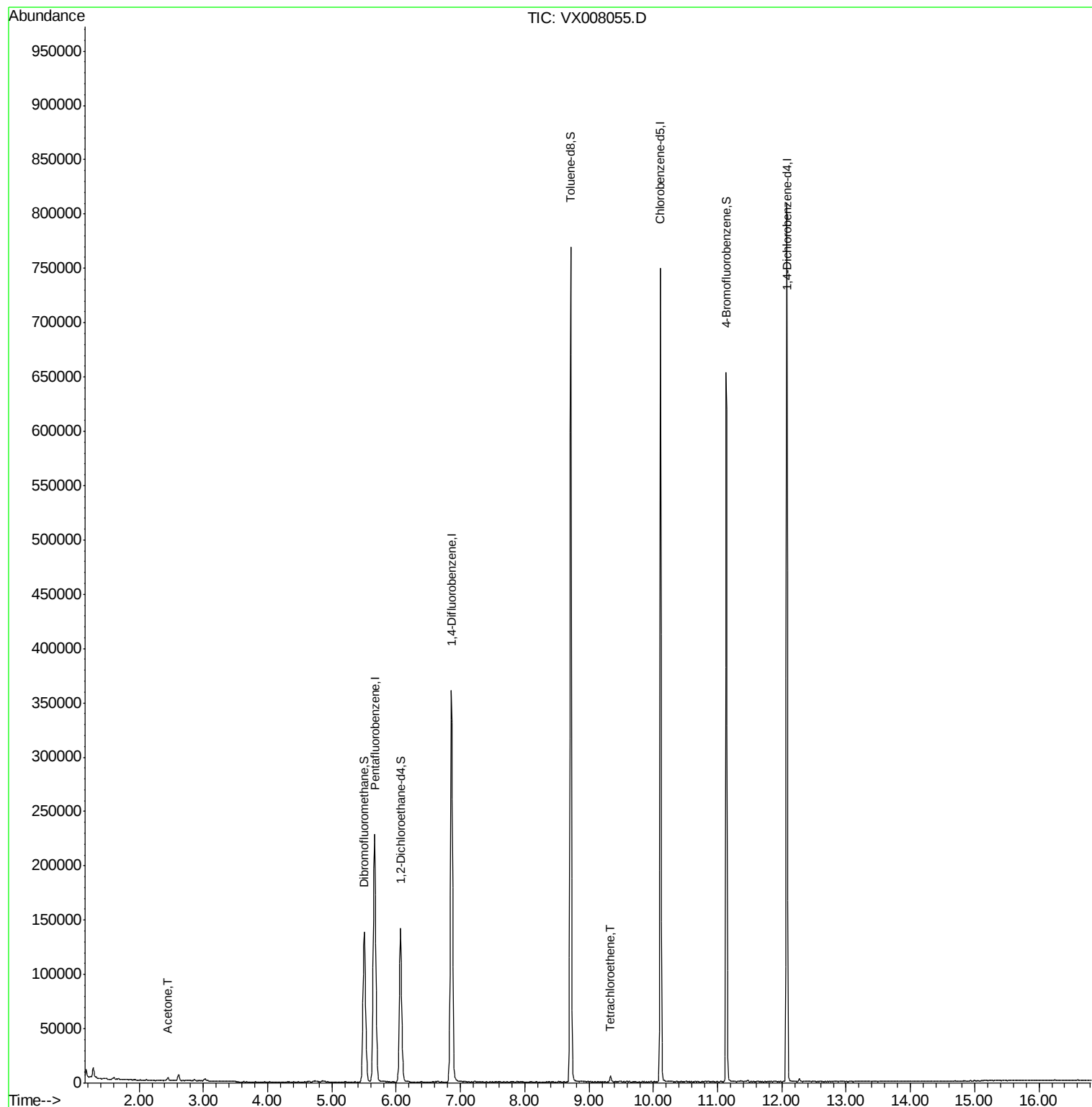
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	366178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130483	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	5.50	113	120590	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	8.71	98	460318	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.13	95	172984	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
Target Compounds						
16) Acetone	2.45	43	2941	1.981	ug/l	98
64) Tetrachloroethene	9.34	164	1138	0.375	ug/l	97

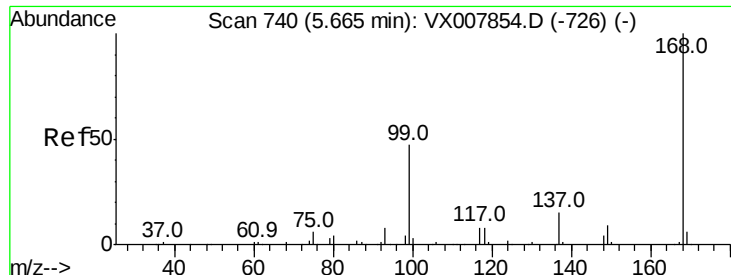
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

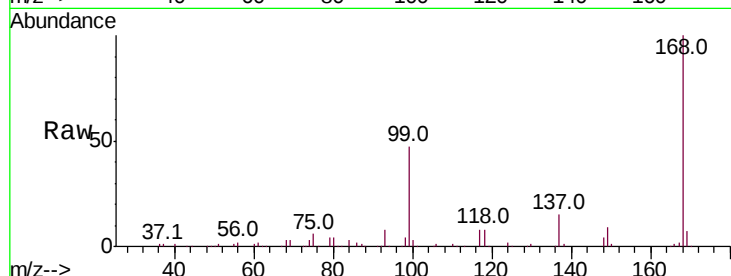
CPA-GMW5S-R-M20W2-030619

Tot Ion:168 Resp: 243098

Ion Ratio Lower Upper

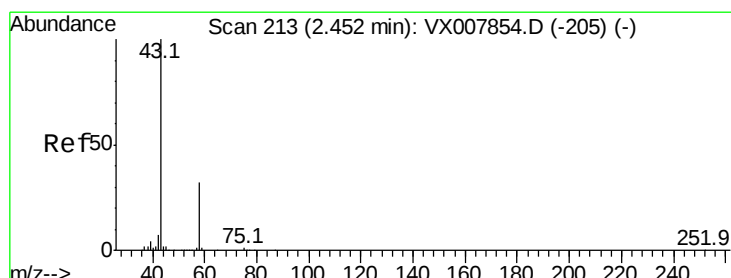
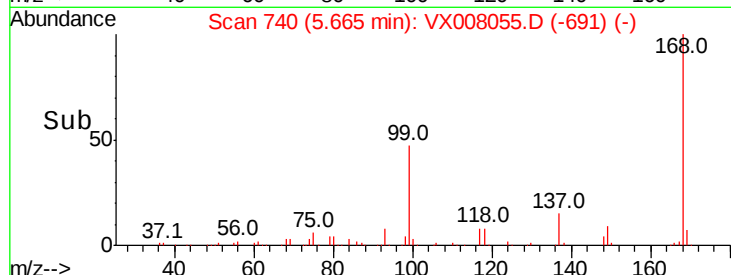
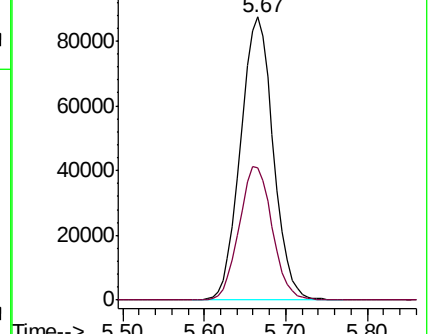
168 100

99 46.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.981 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008055.D

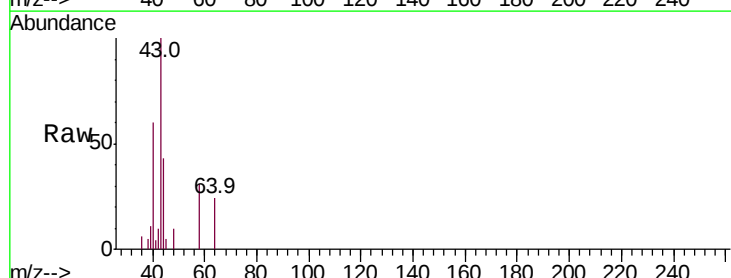
Acq: 13 Mar 2019 17:56

Tgt Ion: 43 Resp: 2941

Ion Ratio Lower Upper

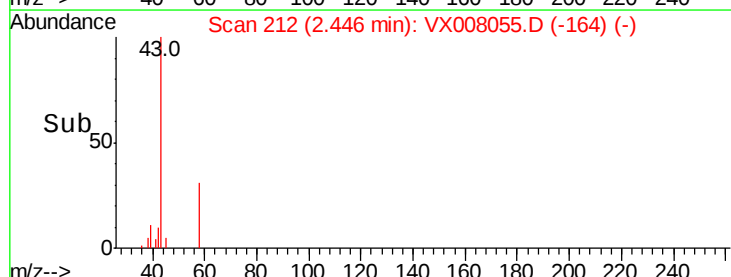
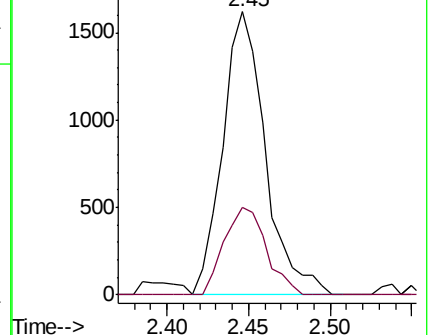
43 100

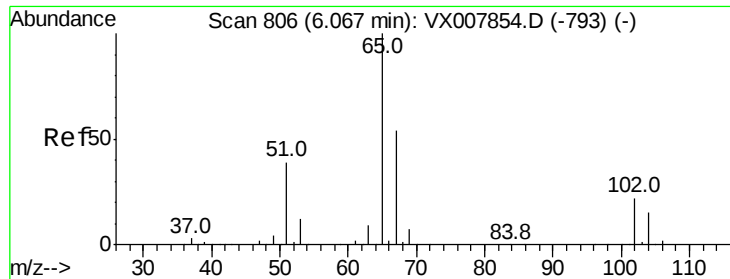
58 30.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.881 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008055.D

Acq: 13 Mar 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

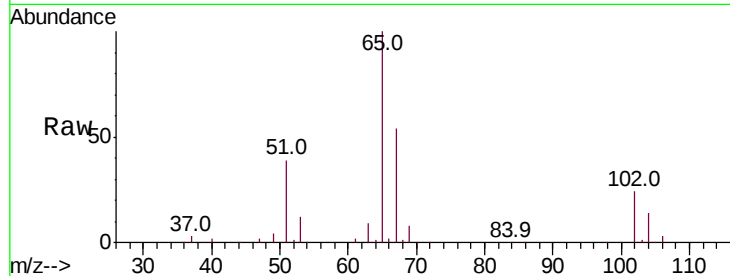
CPA-GMW5S-R-M20W2-030619

Tot Ion: 65 Resp: 130483

Ion Ratio Lower Upper

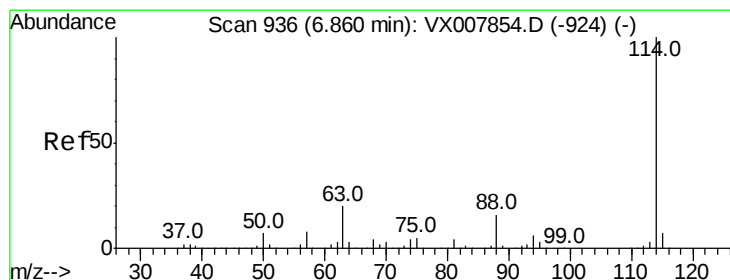
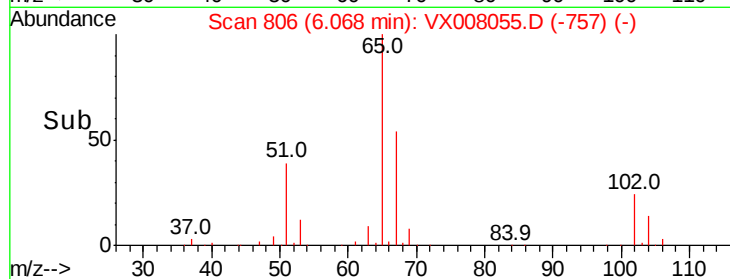
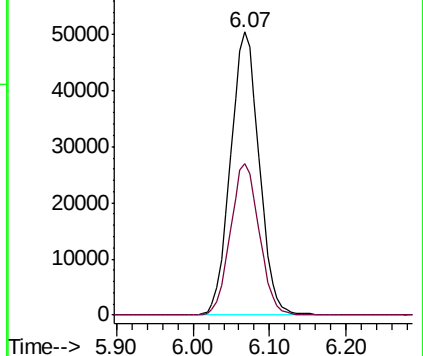
65 100

67 53.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008055.D

Acq: 13 Mar 2019 17:56

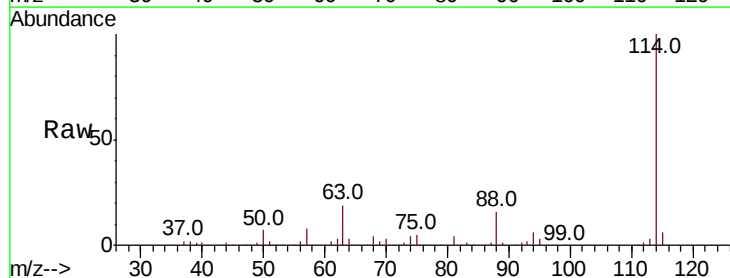
Tgt Ion: 114 Resp: 376668

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

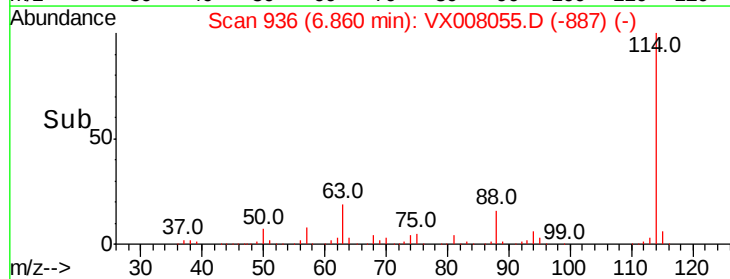
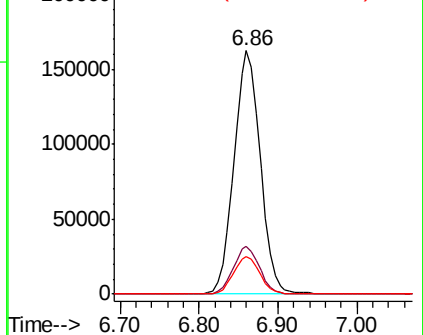
88 15.6 0.0 31.4

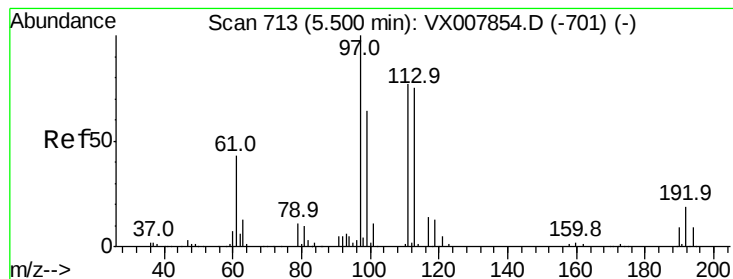


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.049 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008055.D

Acq: 13 Mar 2019 17:56

Instrument :

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ClientSampleId :

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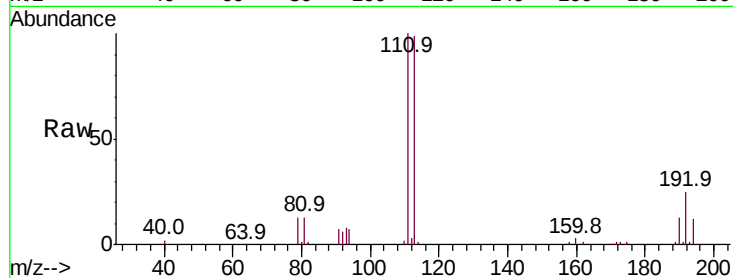
Tot Ion:113 Resp: 120590

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

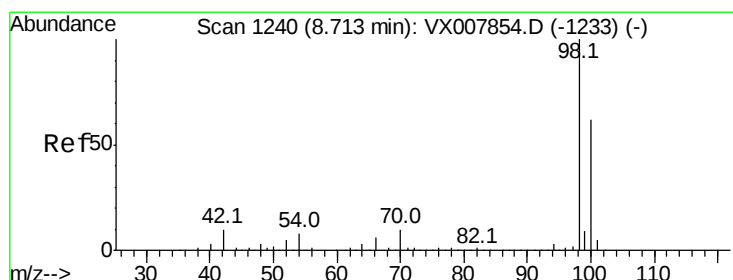
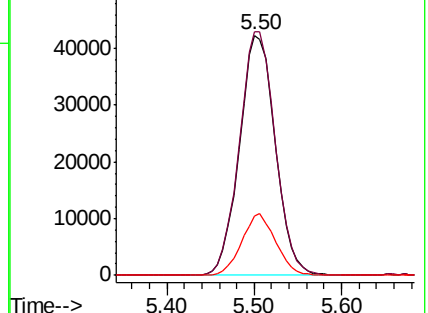
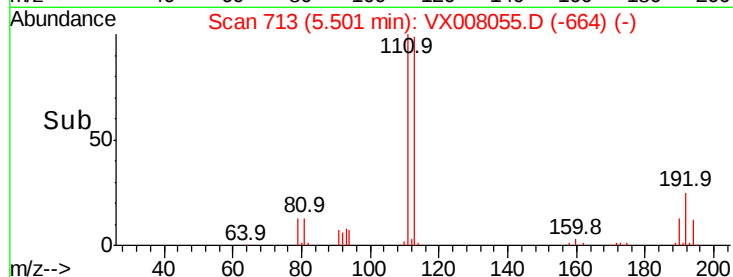
192 24.5 19.4 29.0



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



#50

Toluene-d8

Concen: 52.021 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008055.D

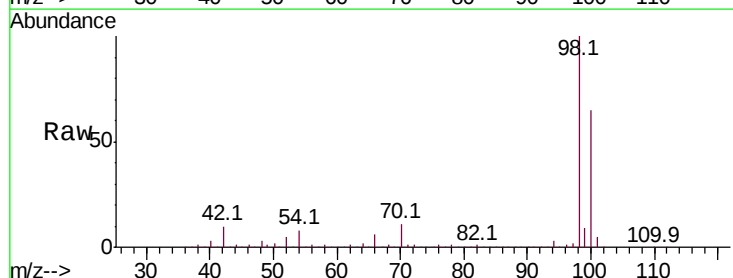
Acq: 13 Mar 2019 17:56

Tgt Ion: 98 Resp: 460318

Ion Ratio Lower Upper

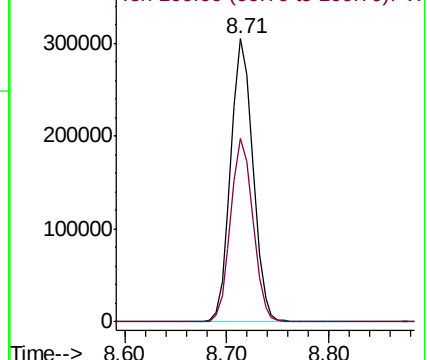
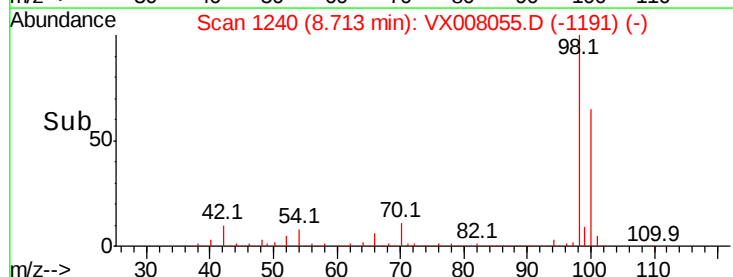
98 100

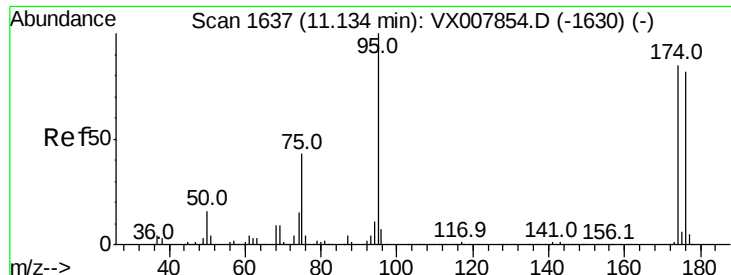
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.758 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008055.D

Acq: 13 Mar 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW5S-R-M20W2-030619

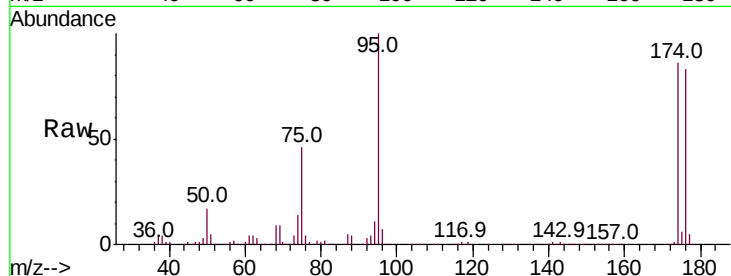
Tot Ion: 95 Resp: 172984

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.8

176 90.0 0.0 178.0

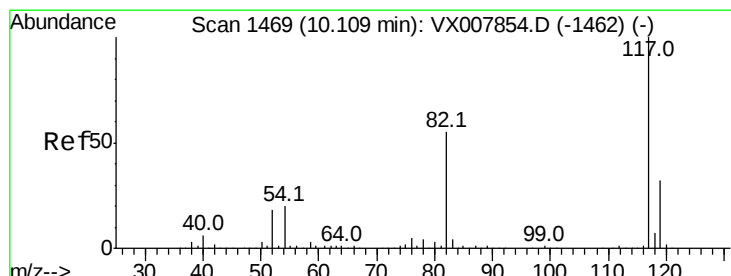
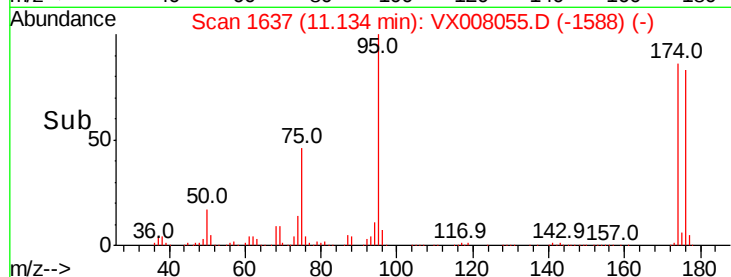


Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

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: VX008055.D

Acq: 13 Mar 2019 17:56

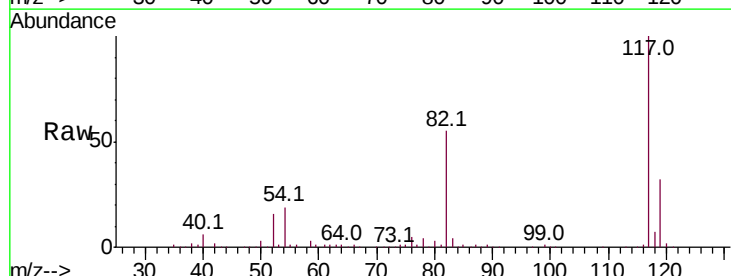
Tgt Ion: 117 Resp: 366178

Ion Ratio Lower Upper

117 100

82 54.7 44.3 66.5

119 32.3 25.3 37.9

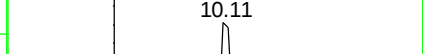
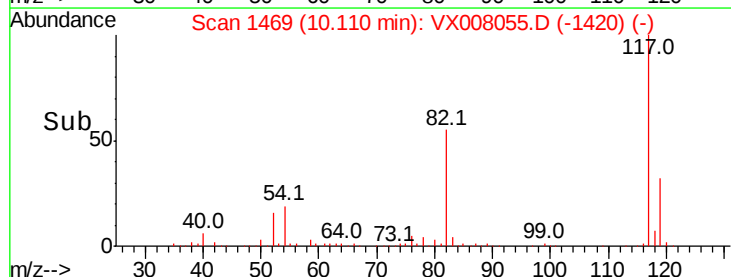


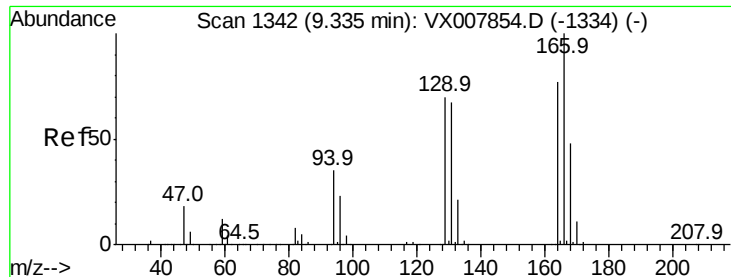
Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

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

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

Time-->

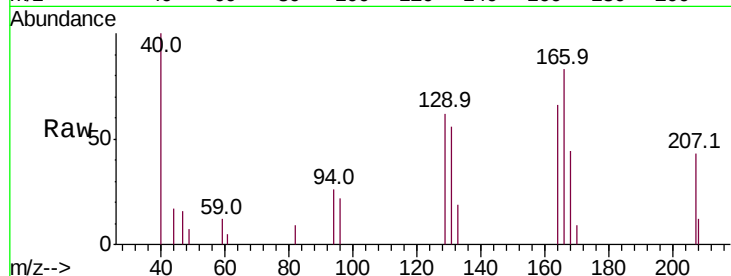




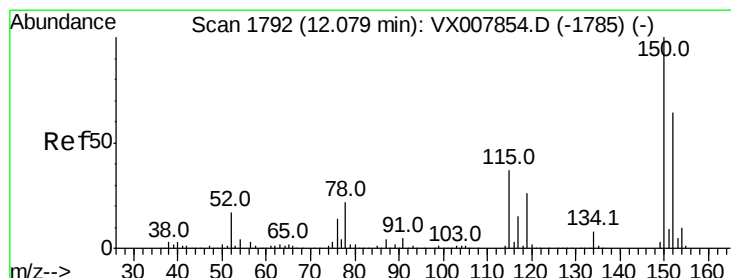
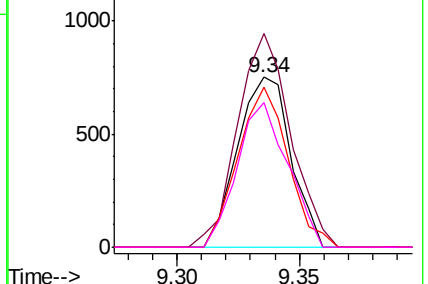
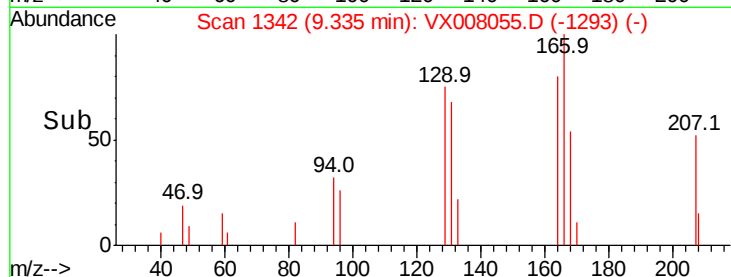
#64
Tetrachloroethene
Concen: 0.375 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008055.D
Acq: 13 Mar 2019 17:56

Instrument :
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CPA-GMW5S-R-M20W2-030619

Tot Ion:164 Resp: 1138
Ion Ratio Lower Upper
164 100
166 125.7 103.4 155.0
129 94.4 72.2 108.4
131 85.5 69.4 104.2

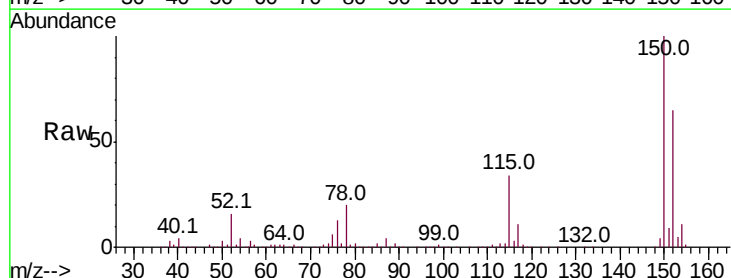


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008055.D
Acq: 13 Mar 2019 17:56

Tgt Ion:152 Resp: 178765
Ion Ratio Lower Upper
152 100
115 54.4 38.6 115.7
150 154.7 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

