

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008780.D
 Acq On : 09 Apr 2019 18:55
 Operator : JC/SP
 Sample : K2311-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0240-COMP-CS-5-ELTRT

Quant Time: Apr 10 07:54:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

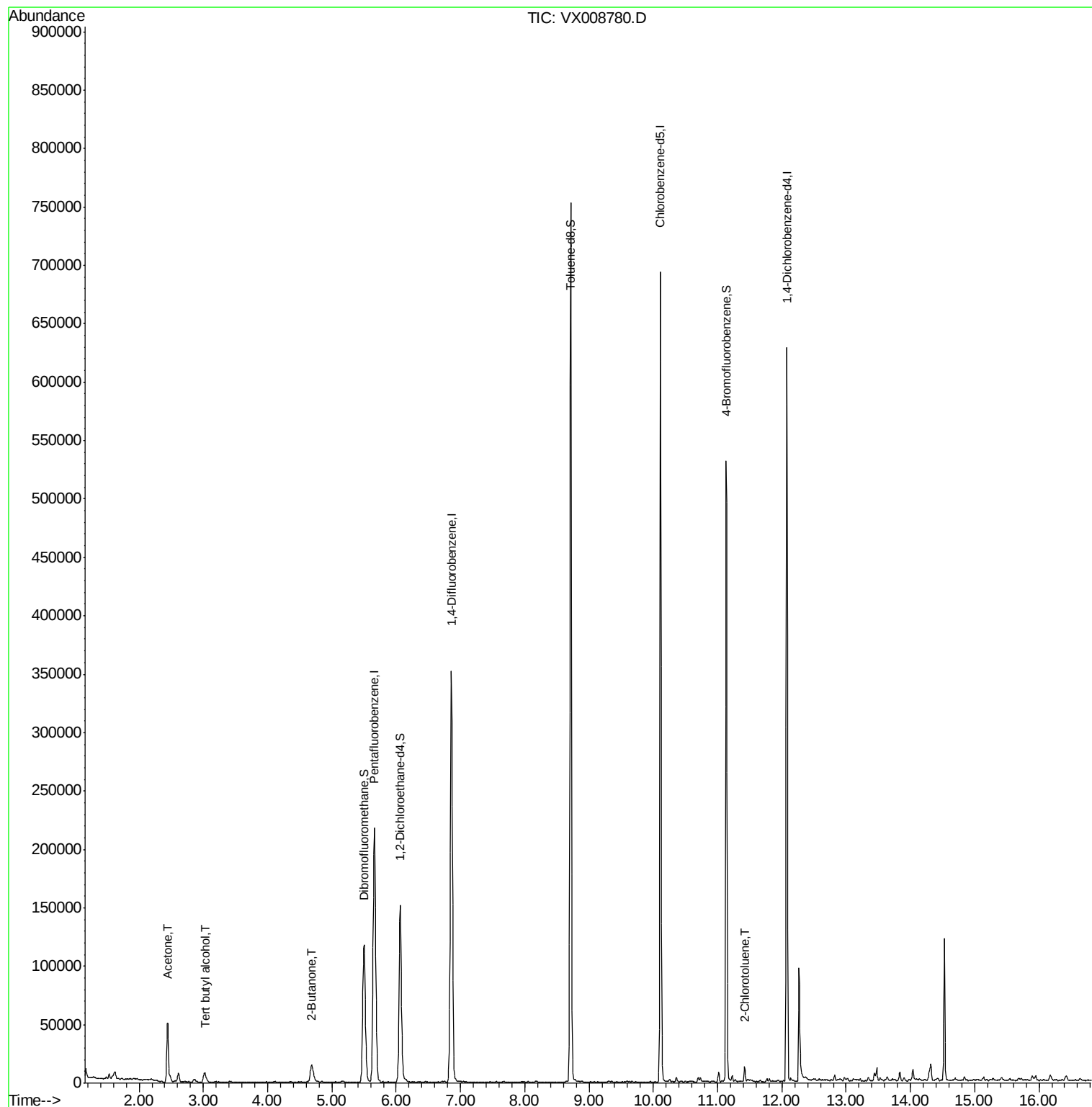
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	296307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142800	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	5.50	113	103565	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	8.71	98	428844	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	141696	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	7078	9.983	ug/l #	72
16) Acetone	2.44	43	55998	32.105	ug/l	96
25) 2-Butanone	4.68	43	17966	6.517	ug/l	97
79) 2-Chlorotoluene	11.42	91	5269	0.719	ug/l	97

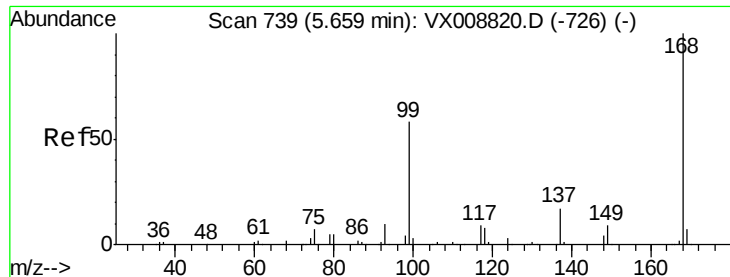
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008780.D

Acq: 09 Apr 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

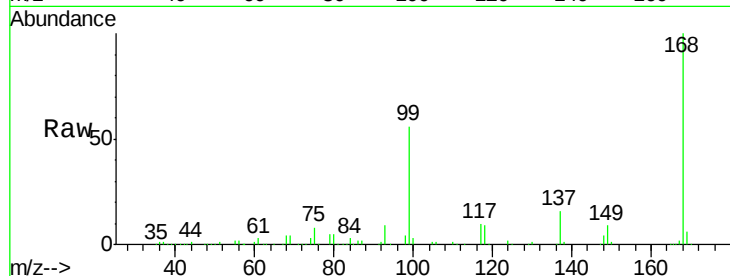
0240-COMP-CS-5-ELTRT

Tot Ion:168 Resp: 207625

Ion Ratio Lower Upper

168 100

99 55.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

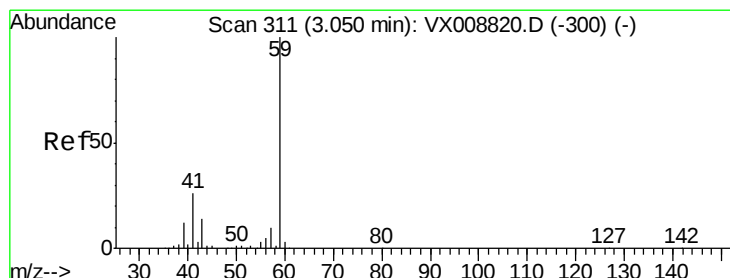
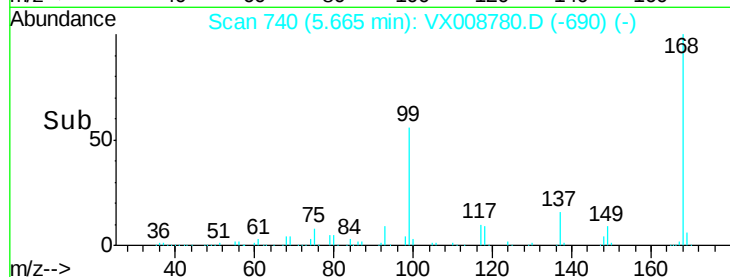
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 9.983 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.03 min

Lab File: VX008780.D

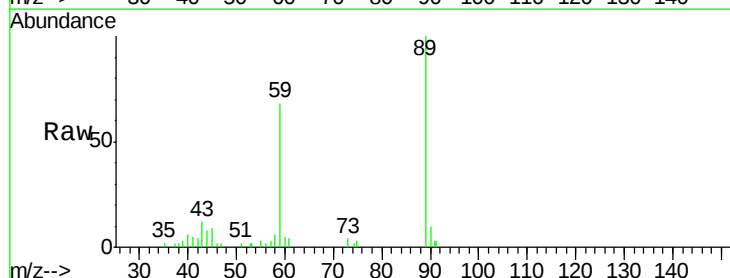
Acq: 09 Apr 2019 18:55

Tgt Ion: 59 Resp: 7078

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

2500

2000

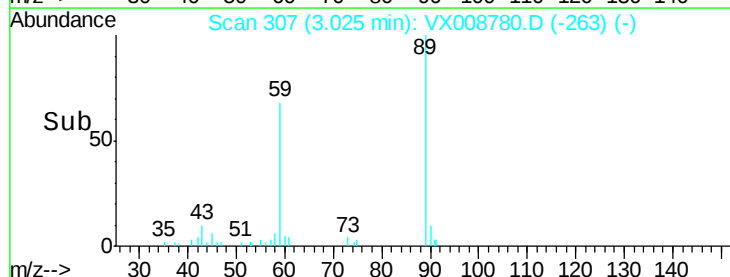
1500

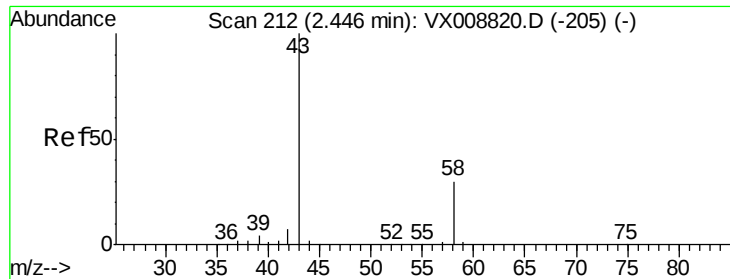
1000

500

0

Time--> 2.90 3.00 3.10





#16

Acetone

Concen: 32.105 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008780.D

Acq: 09 Apr 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

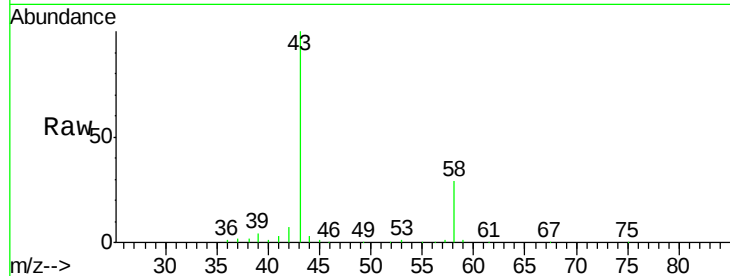
0240-COMP-CS-5-ELTRT

Tot Ion: 43 Resp: 55998

Ion Ratio Lower Upper

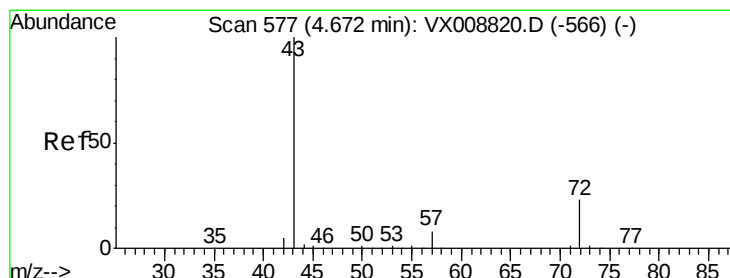
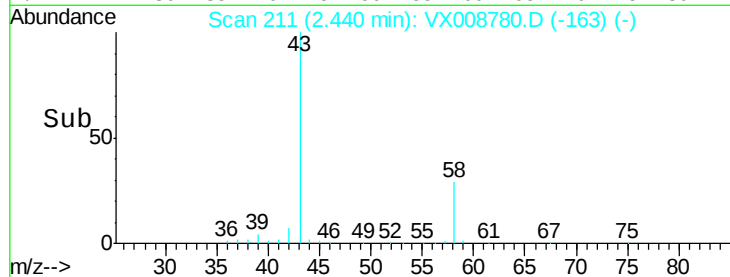
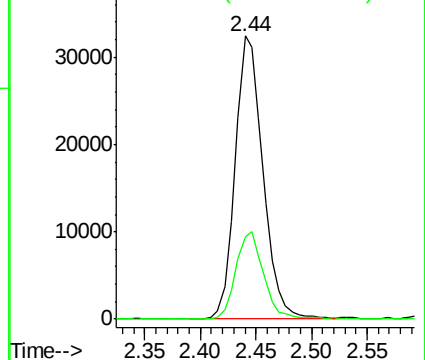
43 100

58 29.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 6.517 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008780.D

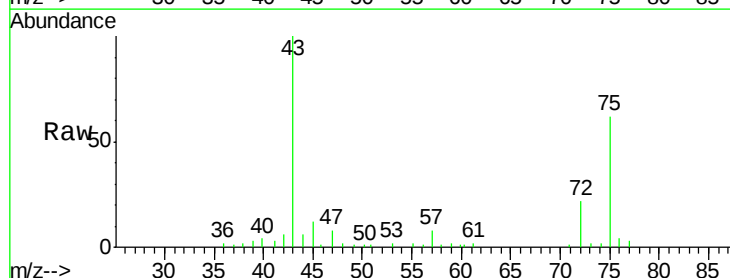
Acq: 09 Apr 2019 18:55

Tgt Ion: 43 Resp: 17966

Ion Ratio Lower Upper

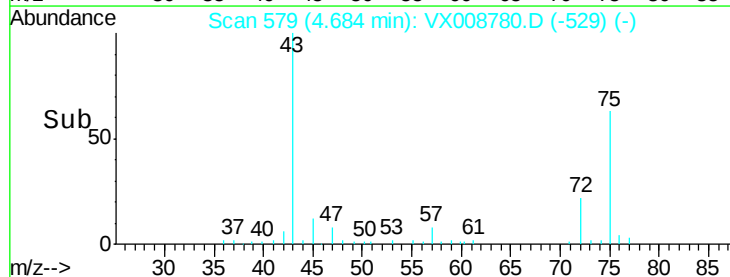
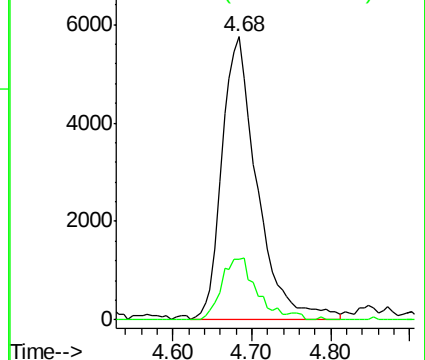
43 100

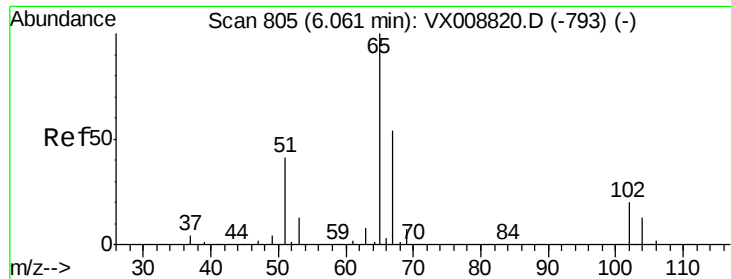
72 21.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.155 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008780.D

Acq: 09 Apr 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

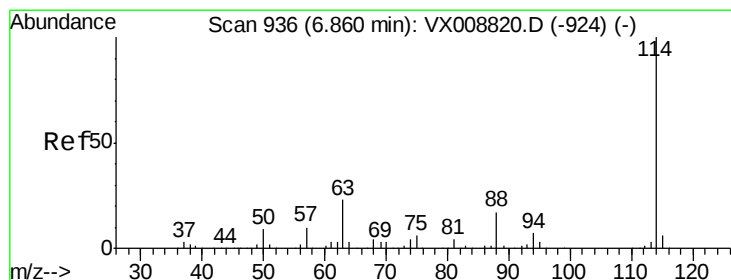
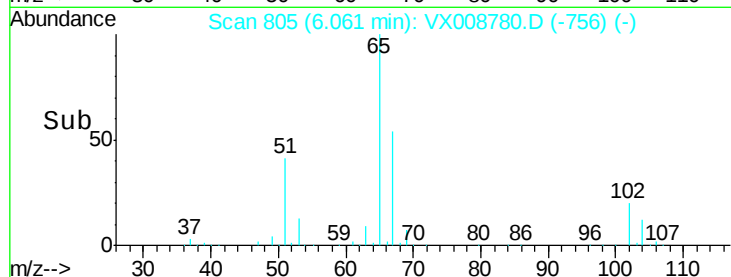
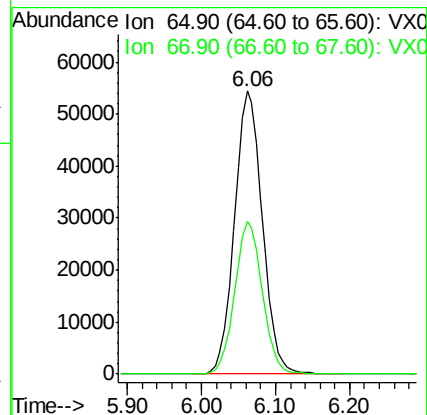
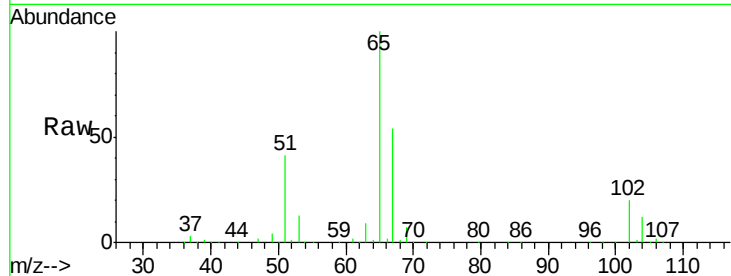
0240-COMP-CS-5-ELTRT

Tot Ion: 65 Resp: 142800

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008780.D

Acq: 09 Apr 2019 18:55

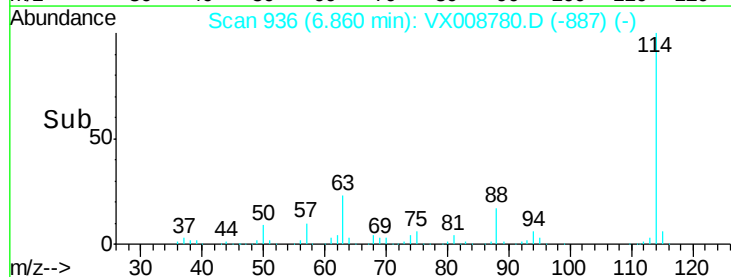
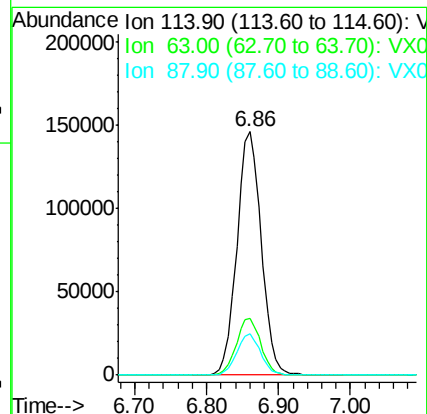
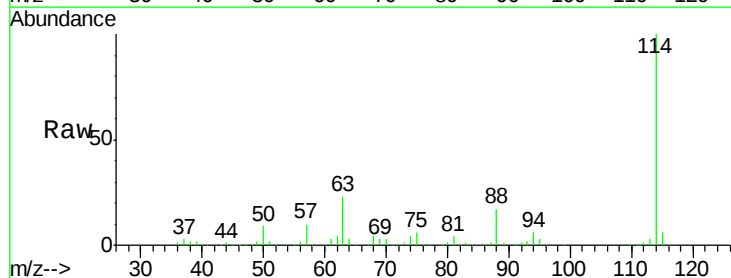
Tgt Ion: 114 Resp: 343430

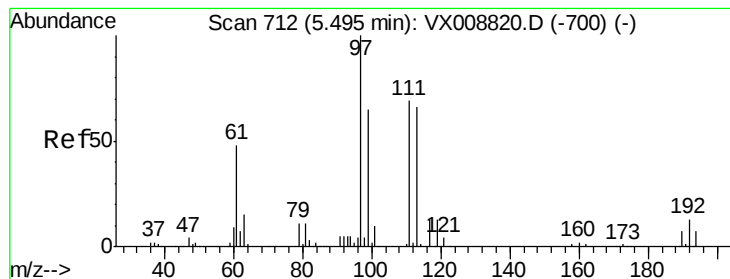
Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.2

88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.166 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008780.D

Acq: 09 Apr 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

0240-COMP-CS-5-ELTRT

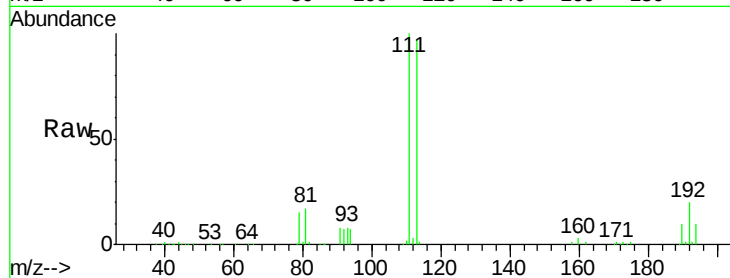
Tot Ion:113 Resp: 103565

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

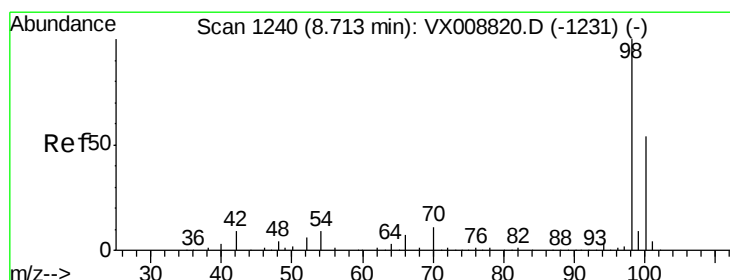
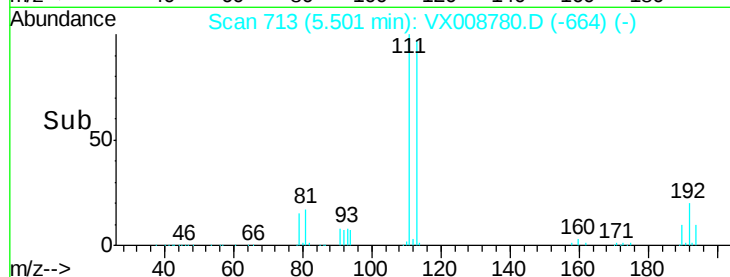
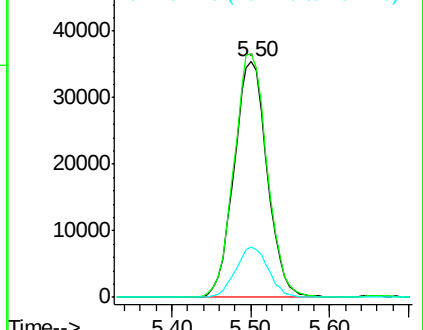
192 21.0 16.1 24.1



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: 49.050 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008780.D

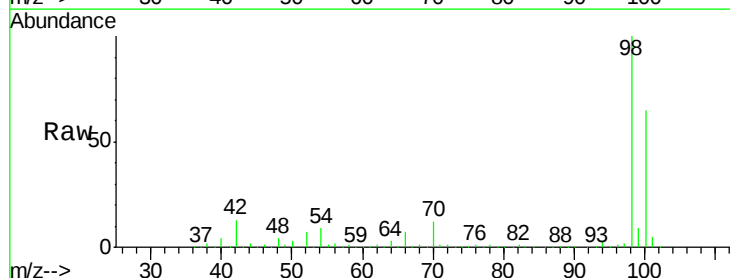
Acq: 09 Apr 2019 18:55

Tgt Ion: 98 Resp: 428844

Ion Ratio Lower Upper

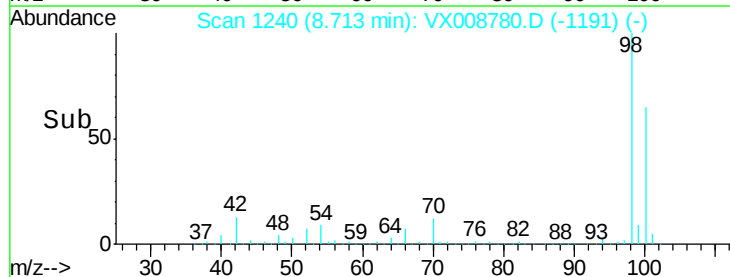
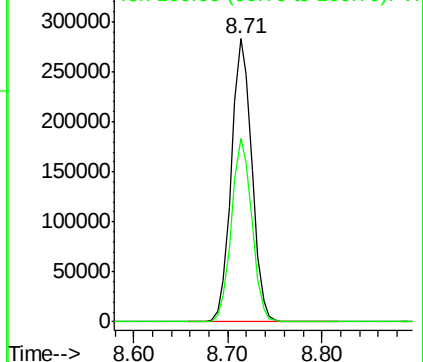
98 100

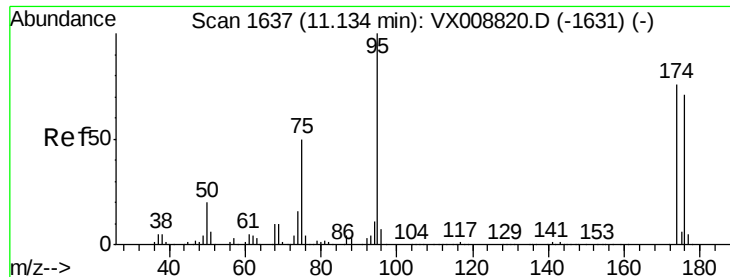
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.703 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008780.D

Acq: 09 Apr 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

0240-COMP-CS-5-ELTRT

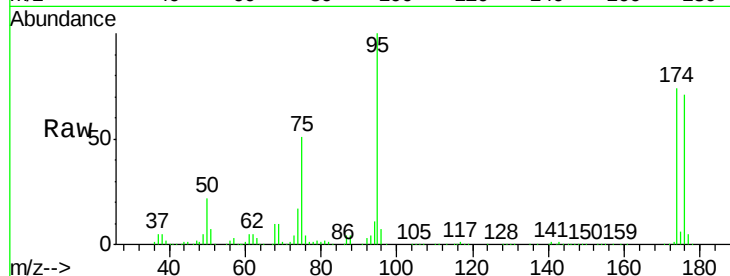
Tot Ion: 95 Resp: 141696

Ion Ratio Lower Upper

95 100

174 78.0 0.0 151.8

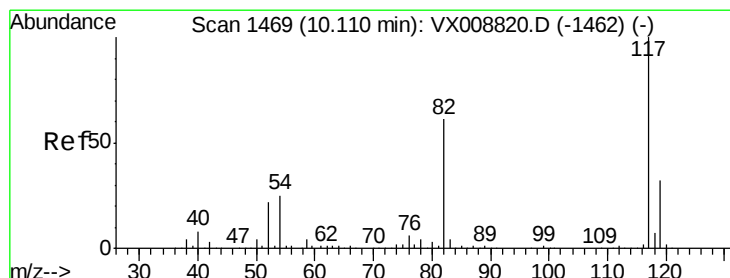
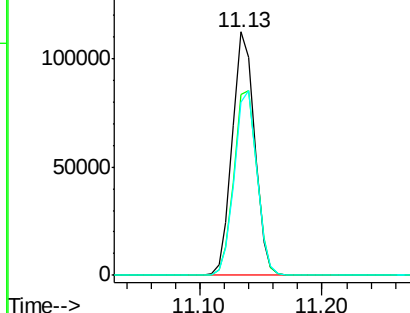
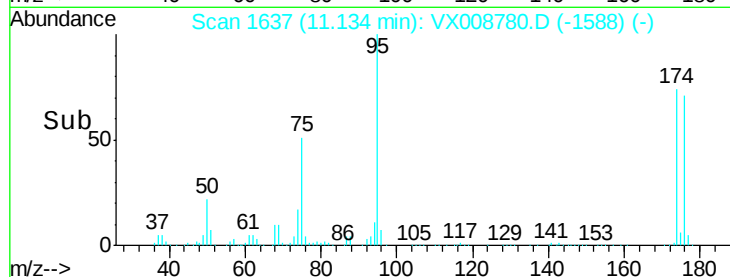
176 76.1 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008780.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008780.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008780.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008780.D

Acq: 09 Apr 2019 18:55

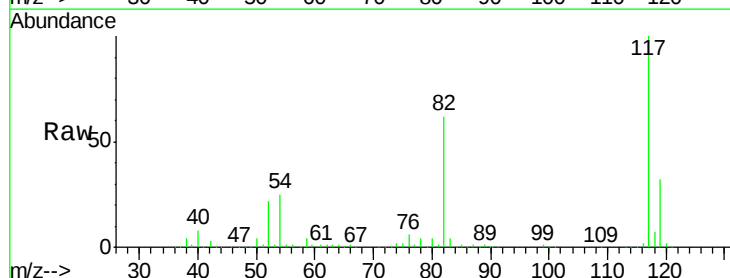
Tgt Ion: 117 Resp: 296307

Ion Ratio Lower Upper

117 100

82 62.2 49.6 74.4

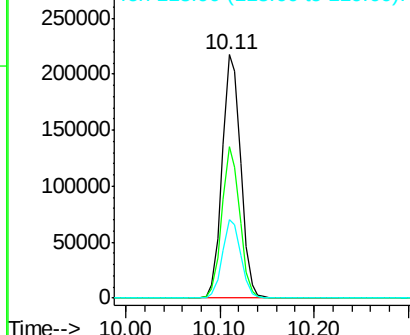
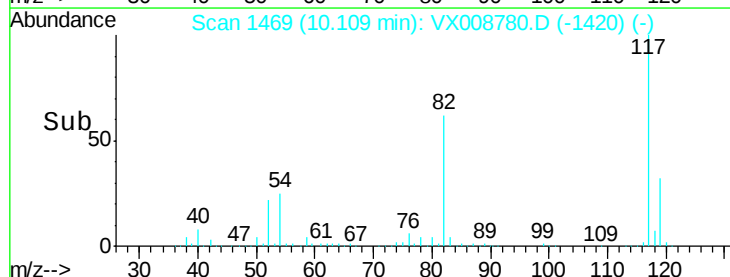
119 32.2 25.0 37.4

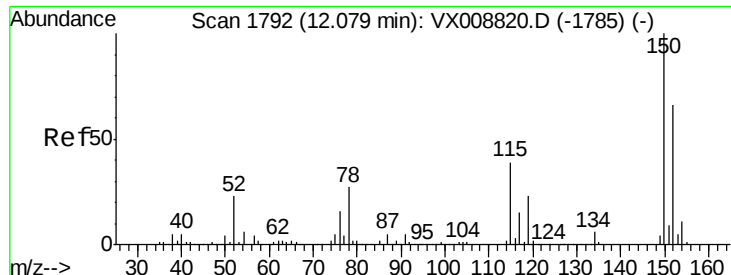


Abundance Ion 116.90 (116.60 to 117.60): VX008780.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008780.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008780.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008780.D

Acq: 09 Apr 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

0240-COMP-CS-5-ELTRT

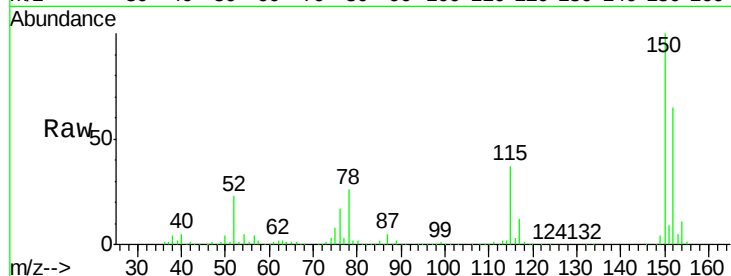
Tot Ion:152 Resp: 125574

Ion Ratio Lower Upper

152 100

115 59.2 43.5 130.5

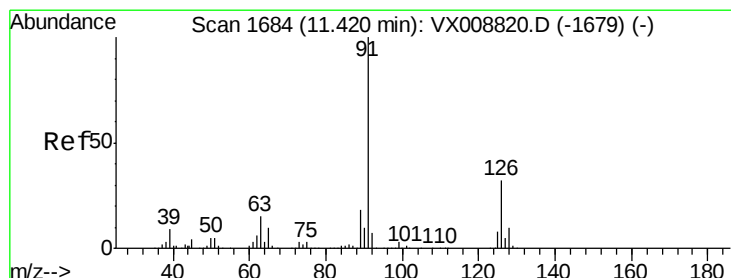
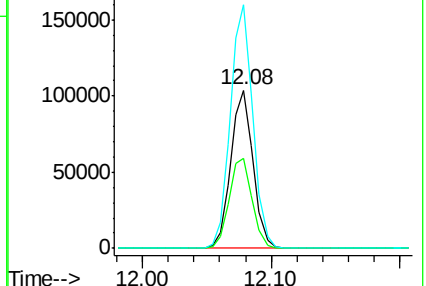
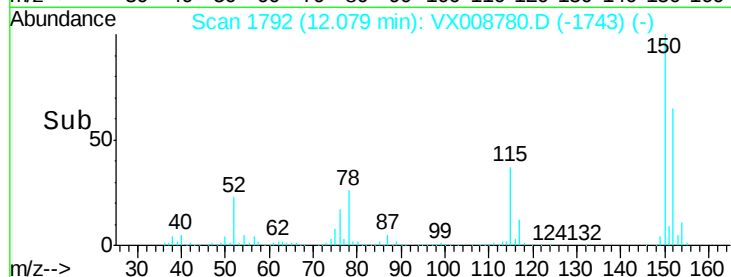
150 155.6 0.0 348.8



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



#79

2-Chlorotoluene

Concen: 0.719 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008780.D

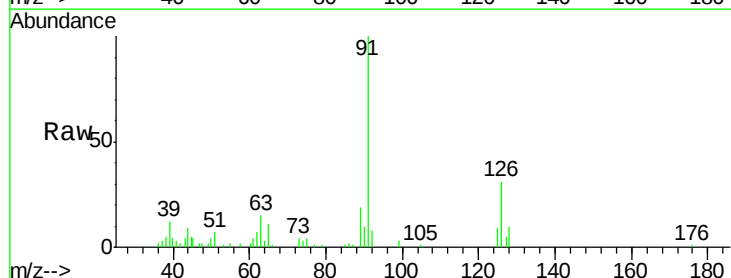
Acq: 09 Apr 2019 18:55

Tgt Ion: 91 Resp: 5269

Ion Ratio Lower Upper

91 100

126 30.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

