

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008779.D
 Acq On : 09 Apr 2019 18:32
 Operator : JC/SP
 Sample : K2311-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0239-COMP-CS-4-ELTRT

Quant Time: Apr 10 07:50:51 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

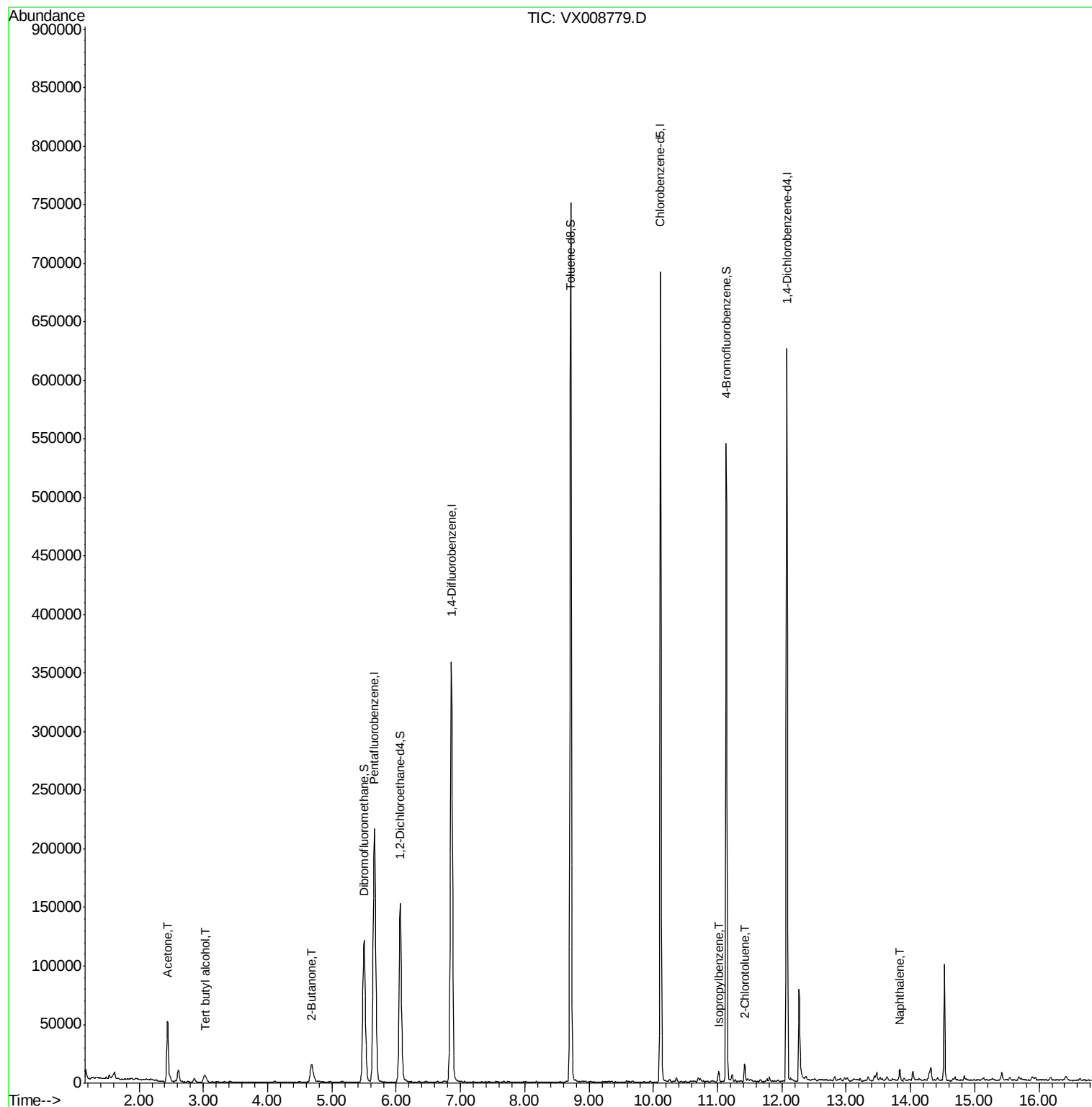
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143499	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	105090	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	8.71	98	433855	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	142724	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	6007	8.418	ug/l #	84
16) Acetone	2.44	43	58007	33.040	ug/l	99
25) 2-Butanone	4.68	43	19973	7.198	ug/l	96
73) Isopropylbenzene	11.02	105	4262	0.415	ug/l	94
79) 2-Chlorotoluene	11.42	91	6742	0.932	ug/l	98
95) Naphthalene	13.83	128	5458	0.535	ug/l	95

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

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Quant Title : SW846 8260
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: VX008779.D

Acq: 09 Apr 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

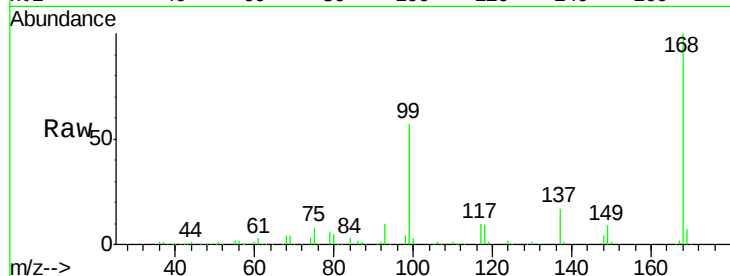
0239-COMP-CS-4-ELTRT

Tot Ion:168 Resp: 208987

Ion Ratio Lower Upper

168 100

99 56.6 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

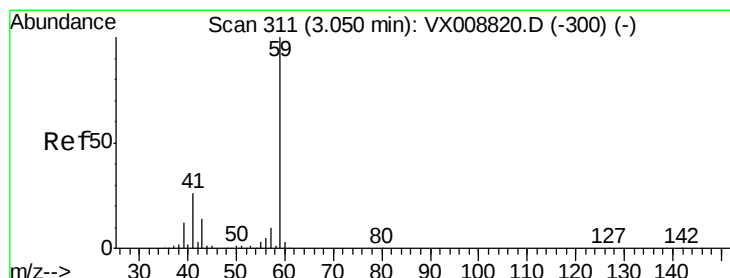
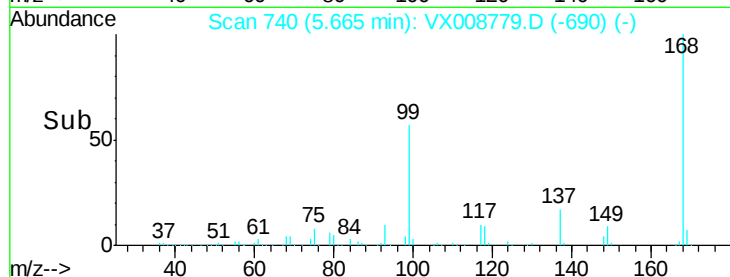
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#11

Tert butyl alcohol

Concen: 8.418 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.02 min

Lab File: VX008779.D

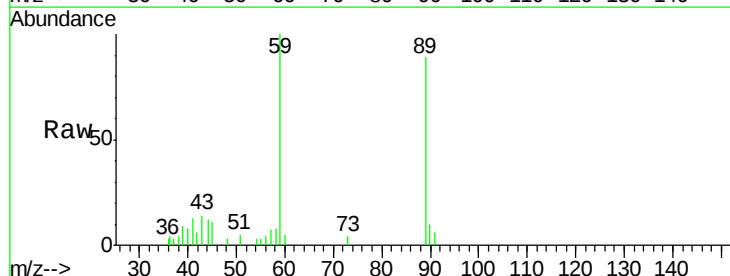
Acq: 09 Apr 2019 18:32

Tgt Ion: 59 Resp: 6007

Ion Ratio Lower Upper

59 100

57 4.3 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

2000

1500

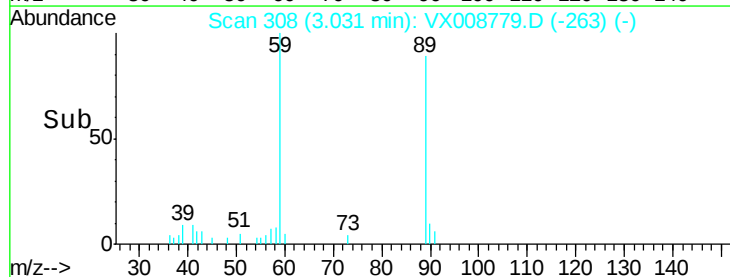
1000

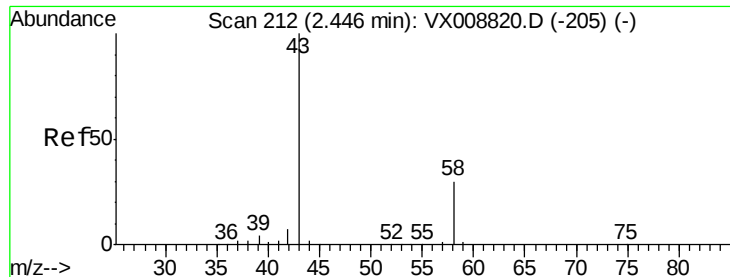
500

0

Time-->

2.90 3.00 3.10





#16

Acetone

Concen: 33.040 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008779.D

Acq: 09 Apr 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

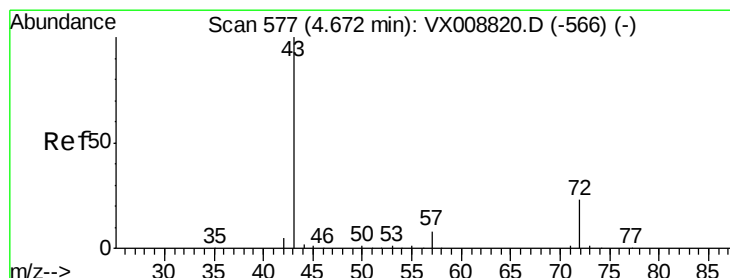
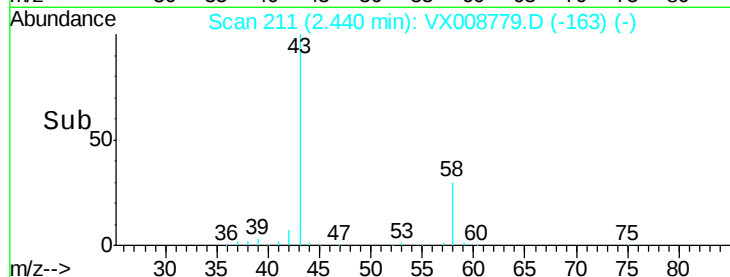
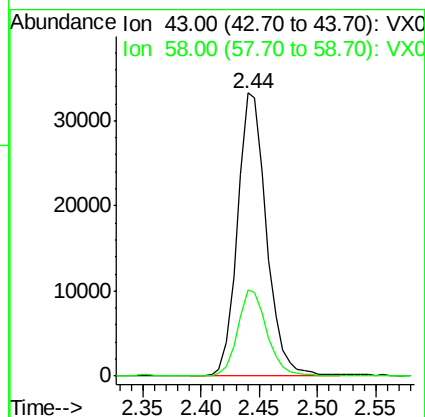
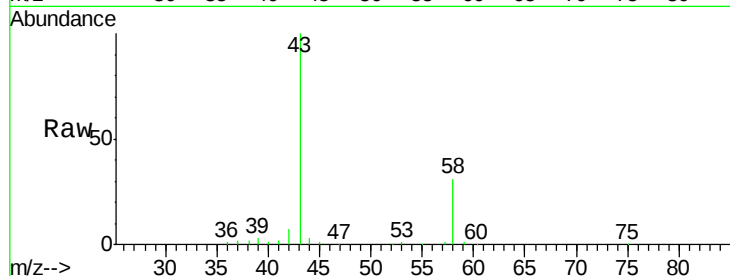
0239-COMP-CS-4-ELTRT

Tot Ion: 43 Resp: 58007

Ion Ratio Lower Upper

43 100

58 30.6 24.8 37.2



#25

2-Butanone

Concen: 7.198 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008779.D

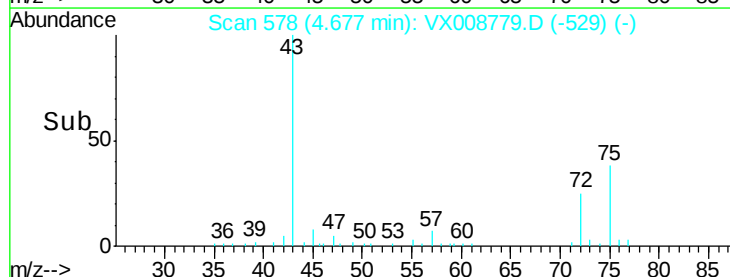
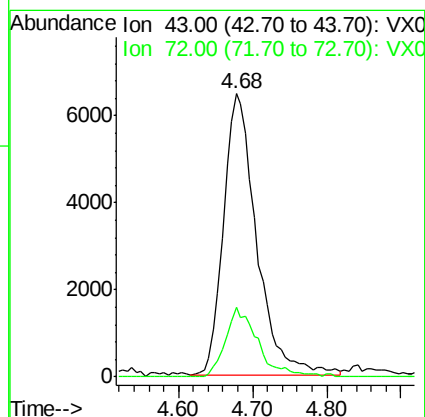
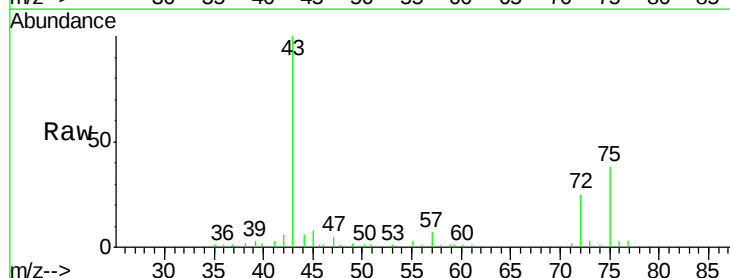
Acq: 09 Apr 2019 18:32

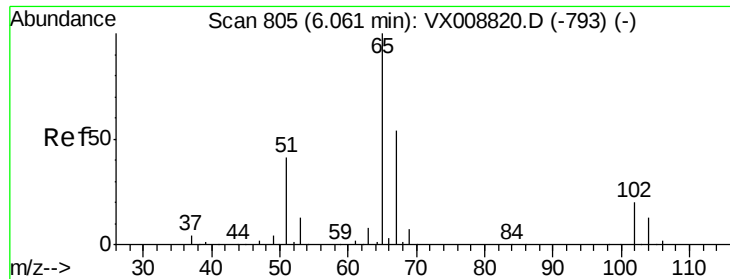
Tgt Ion: 43 Resp: 19973

Ion Ratio Lower Upper

43 100

72 24.9 18.2 27.4

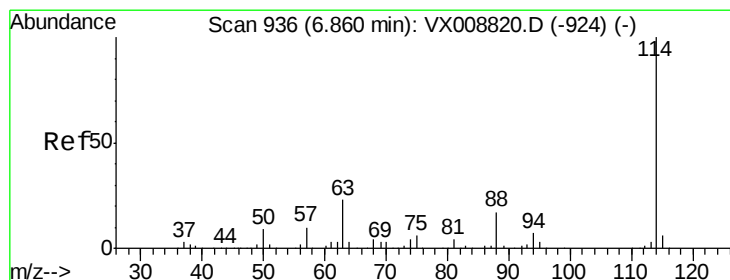
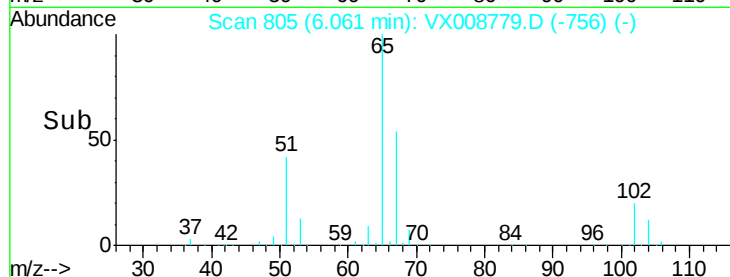
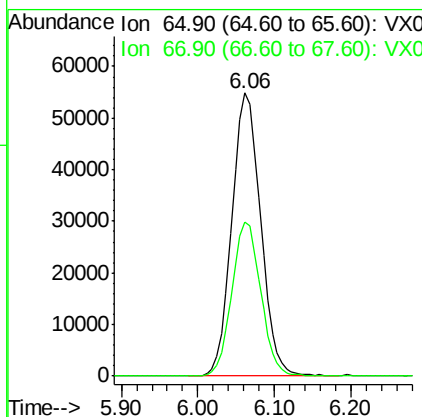
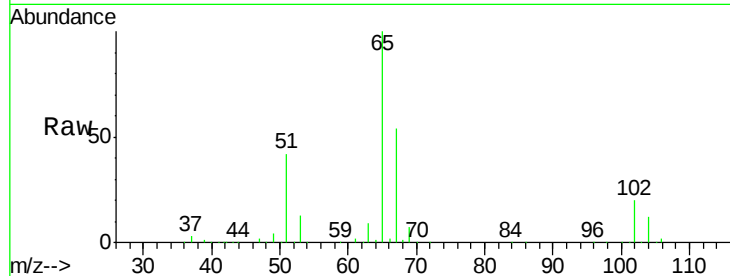




#33
 1,2-Dichloroethane-d4
 Concen: 47.077 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008779.D
 Acq: 09 Apr 2019 18:32

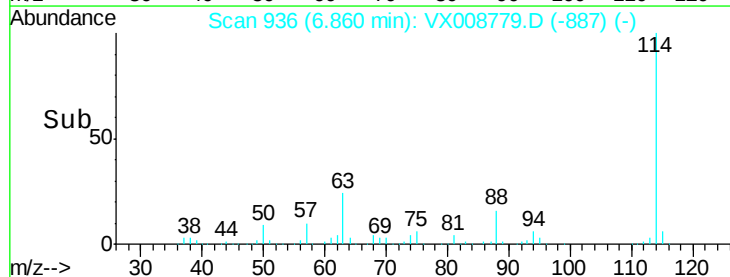
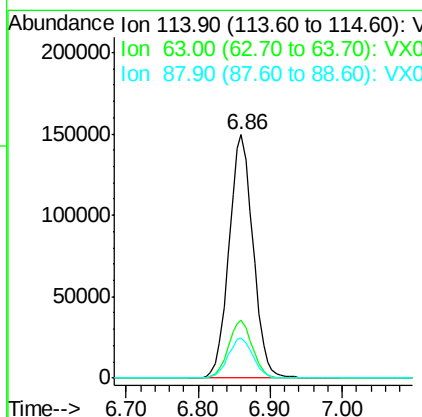
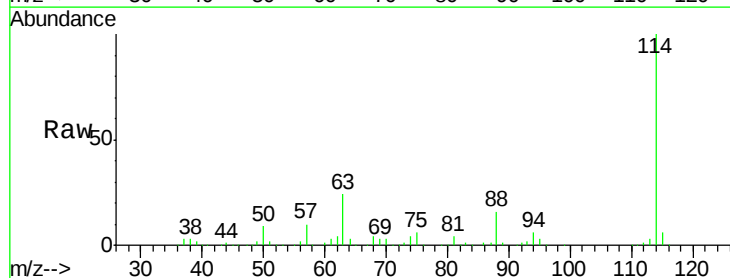
Instrument :
 MSVOA_X
 ClientSampleId :
 0239-COMP-CS-4-ELTRT

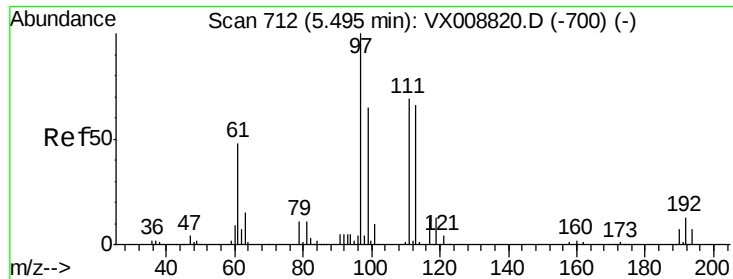
Tot Ion: 65 Resp: 143499
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008779.D
 Acq: 09 Apr 2019 18:32

Tgt Ion: 114 Resp: 346815
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.2
 88 16.3 0.0 34.0

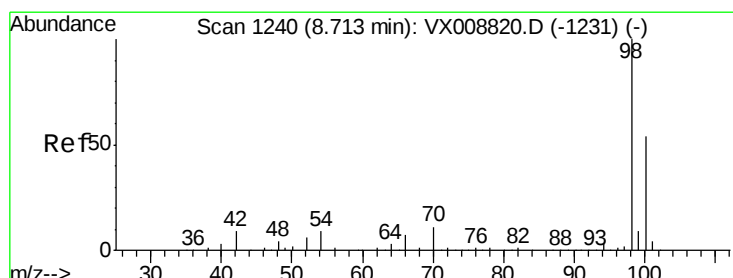
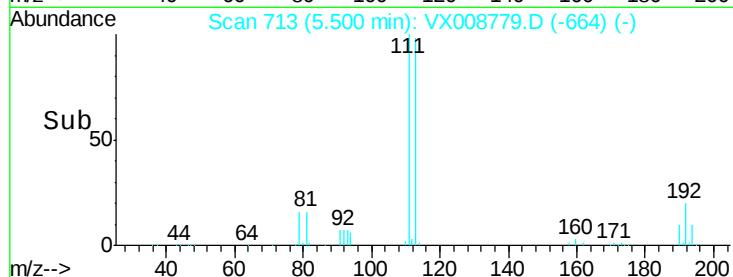
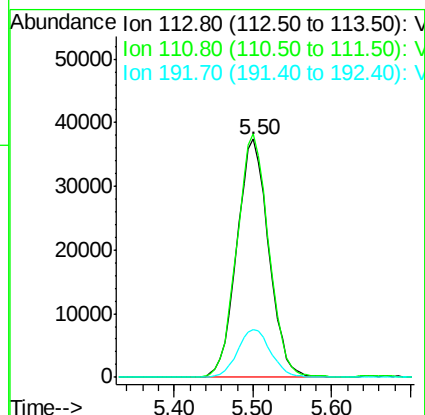
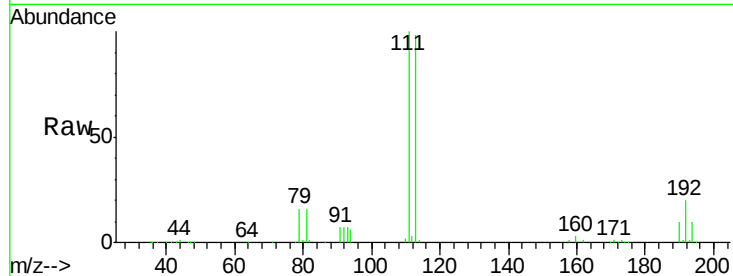




#35
 Dibromofluoromethane
 Concen: 47.393 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008779.D
 Acq: 09 Apr 2019 18:32

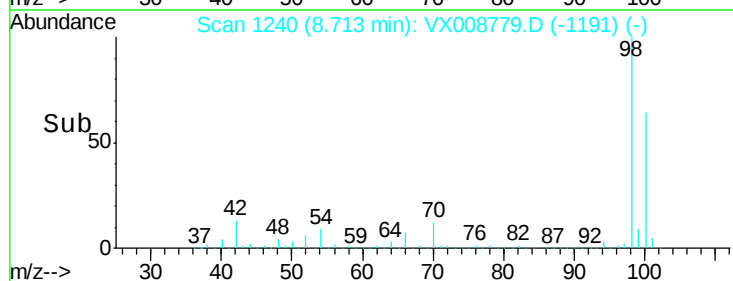
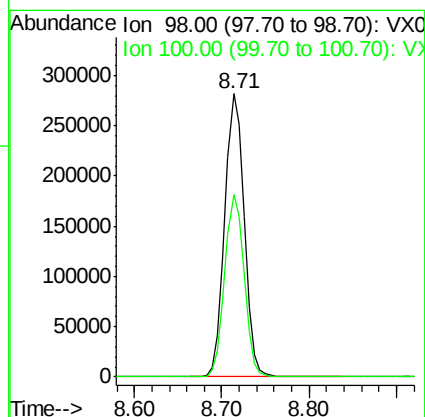
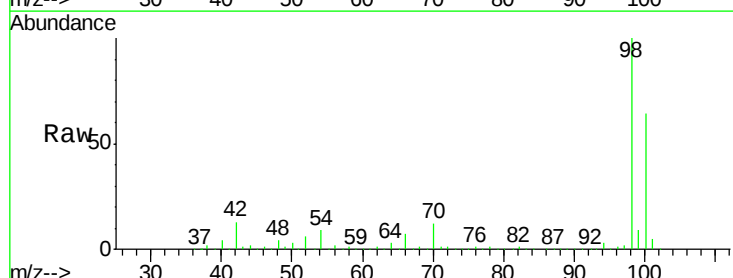
Instrument :
 MSVOA_X
 ClientSampleId :
 0239-COMP-CS-4-ELTRT

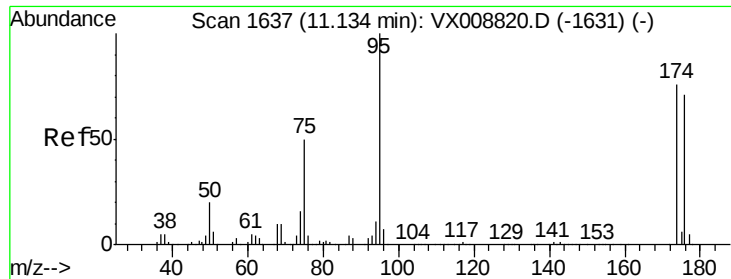
Tot Ion:113 Resp: 105090
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.2
 192 20.9 16.1 24.1



#50
 Toluene-d8
 Concen: 49.139 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008779.D
 Acq: 09 Apr 2019 18:32

Tgt Ion: 98 Resp: 433855
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.585 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008779.D

Acq: 09 Apr 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

0239-COMP-CS-4-ELTRT

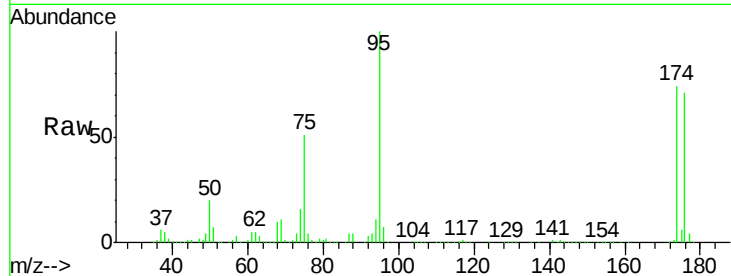
Tot Ion: 95 Resp: 142724

Ion Ratio Lower Upper

95 100

174 78.5 0.0 151.8

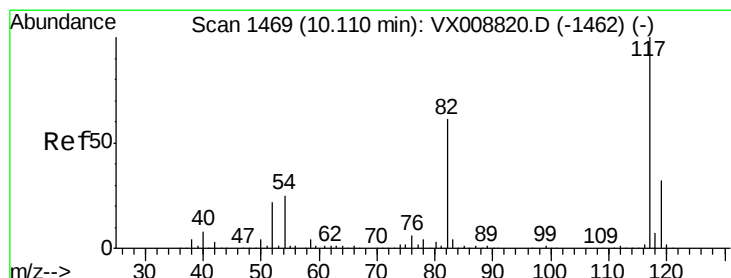
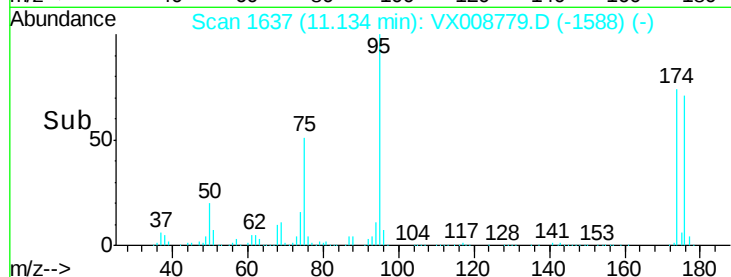
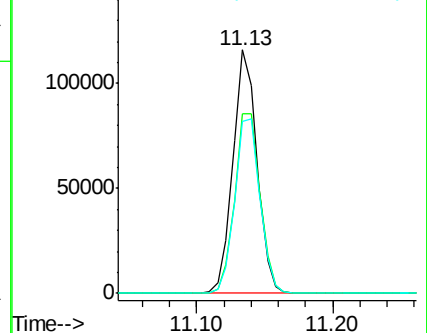
176 75.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008779.D

Acq: 09 Apr 2019 18:32

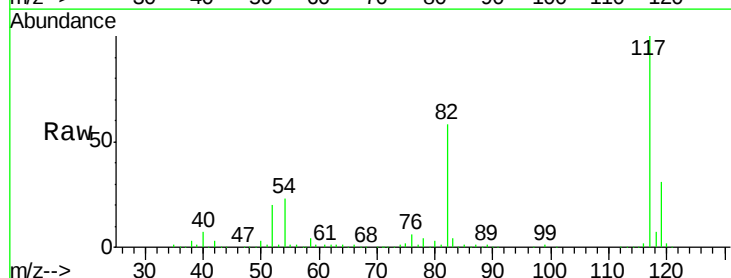
Tgt Ion: 117 Resp: 298946

Ion Ratio Lower Upper

117 100

82 57.6 49.6 74.4

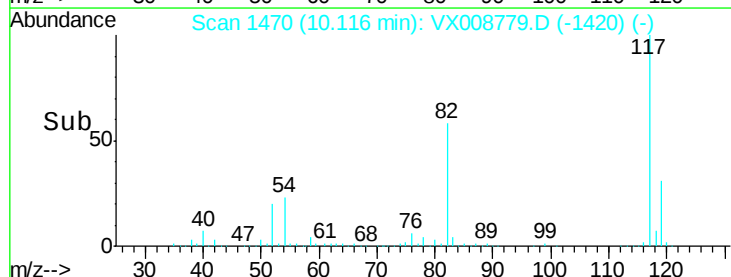
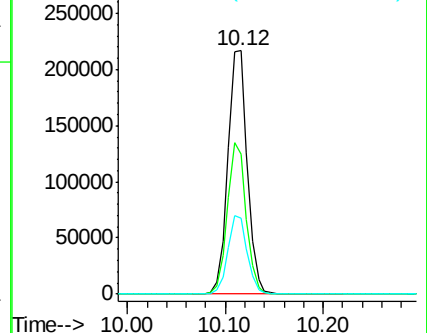
119 31.4 25.0 37.4

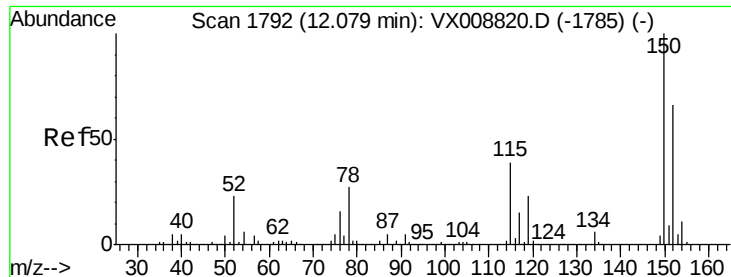


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008779.D

Acq: 09 Apr 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

0239-COMP-CS-4-ELTRT

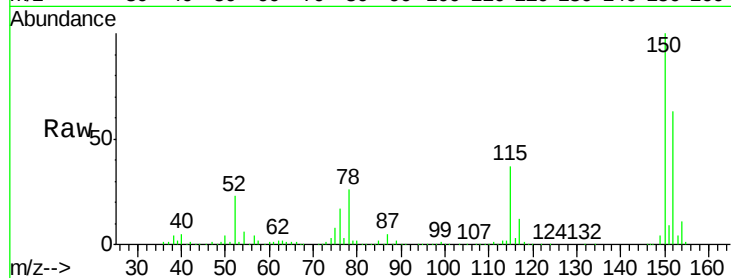
Tot Ion:152 Resp: 123869

Ion Ratio Lower Upper

152 100

115 59.3 43.5 130.5

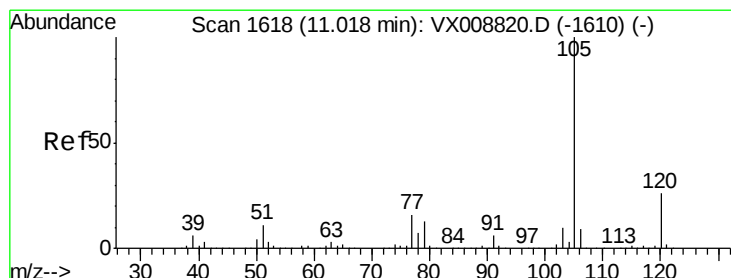
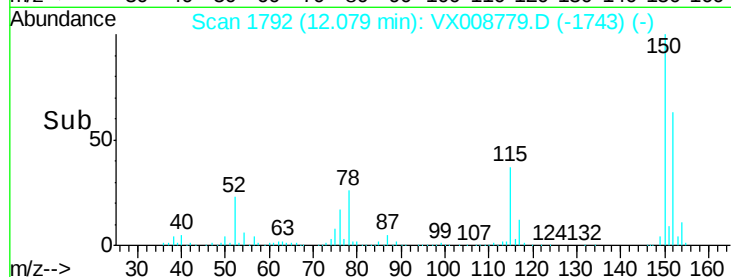
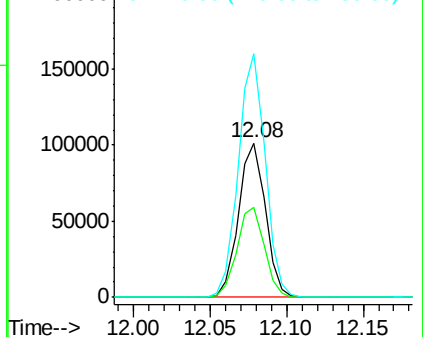
150 157.4 0.0 348.8



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



#73

Isopropylbenzene

Concen: 0.415 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008779.D

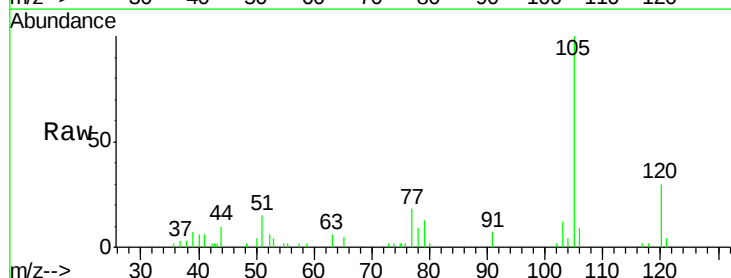
Acq: 09 Apr 2019 18:32

Tgt Ion:105 Resp: 4262

Ion Ratio Lower Upper

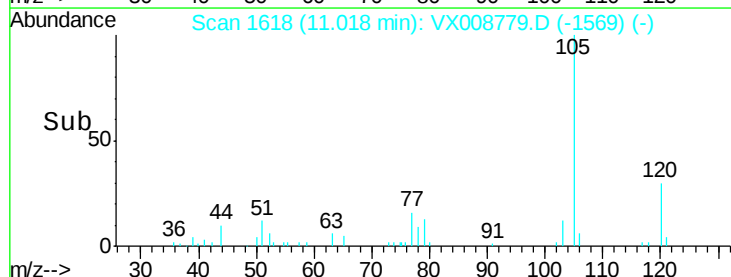
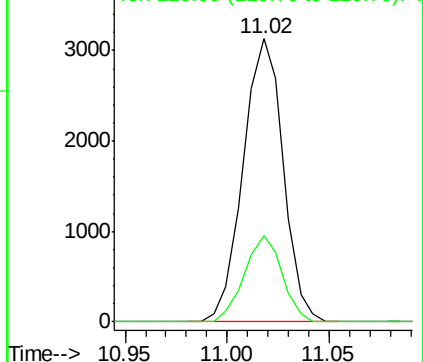
105 100

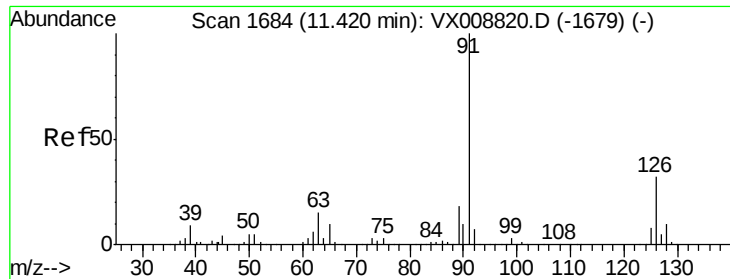
120 28.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

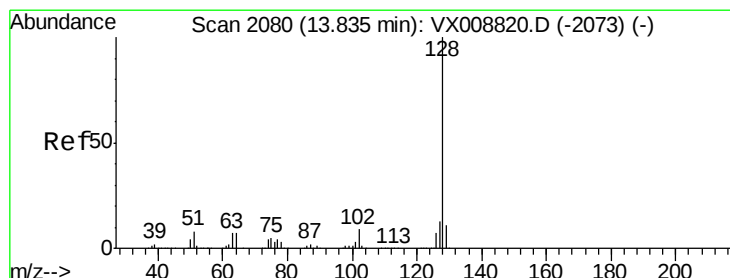
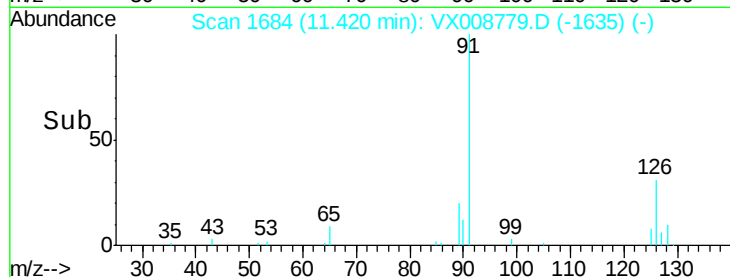
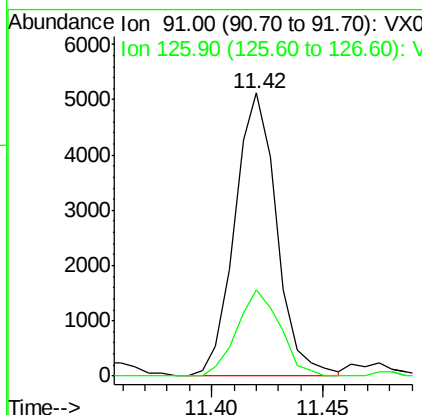
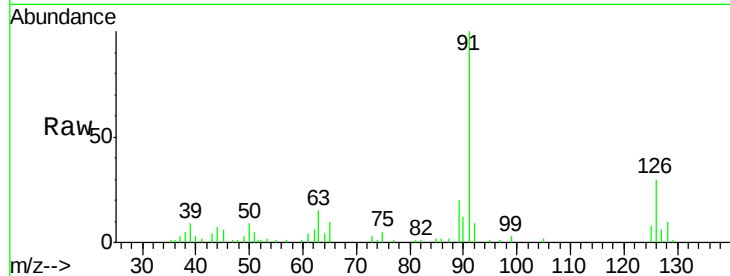




#79
 2-Chlorotoluene
 Concen: 0.932 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008779.D
 Acq: 09 Apr 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 0239-COMP-CS-4-ELTRT

Tot Ion: 91 Resp: 6742
 Ion Ratio Lower Upper
 91 100
 126 30.9 16.1 48.3



#95
 Naphthalene
 Concen: 0.535 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008779.D
 Acq: 09 Apr 2019 18:32

Tgt Ion: 128 Resp: 5458
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.4 15.6
 129 12.6 8.6 13.0

