

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008776.D
 Acq On : 09 Apr 2019 17:22
 Operator : JC/SP
 Sample : K2311-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0236-COMP-CS-1-ELTRT

Quant Time: Apr 10 07:32:20 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

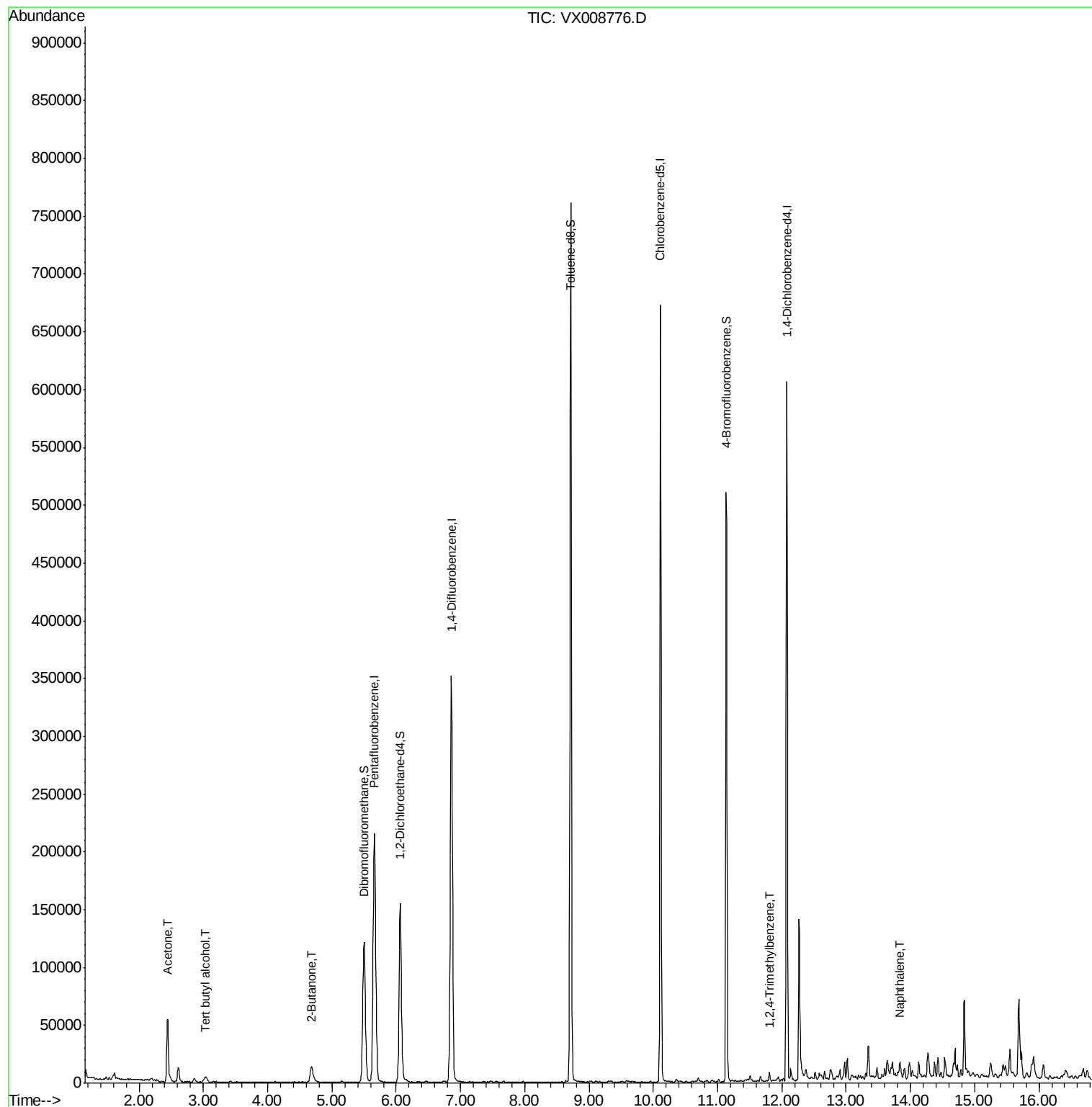
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143151	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
35) Dibromofluoromethane	5.50	113	104492	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	8.71	98	429532	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	139770	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	5882	8.310	ug/l	97
16) Acetone	2.44	43	61145	35.113	ug/l	96
25) 2-Butanone	4.68	43	20837	7.571	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	3363	0.394	ug/l	94
95) Naphthalene	13.83	128	7877	0.791	ug/l #	88

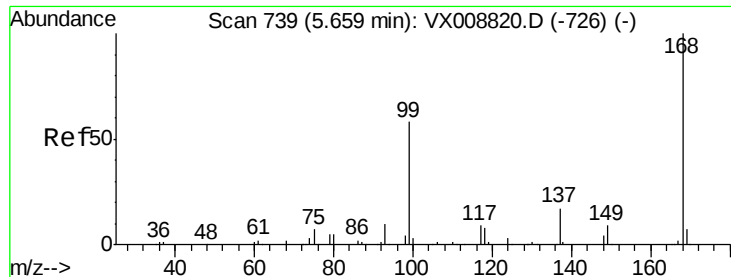
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008776.D

Acq: 09 Apr 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

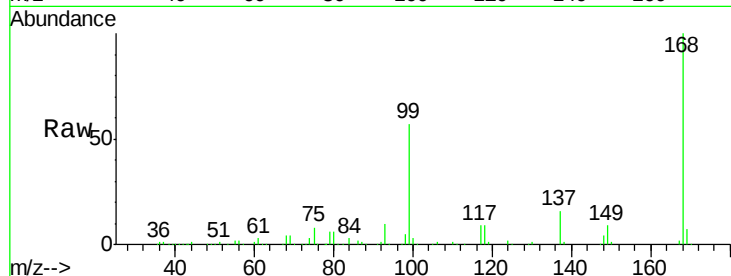
0236-COMP-CS-1-ELTRT

Tot Ion:168 Resp: 207288

Ion Ratio Lower Upper

168 100

99 57.0 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

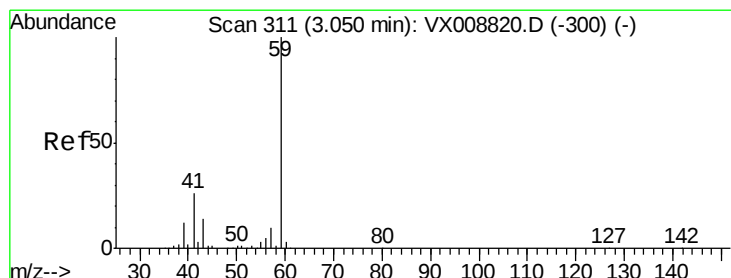
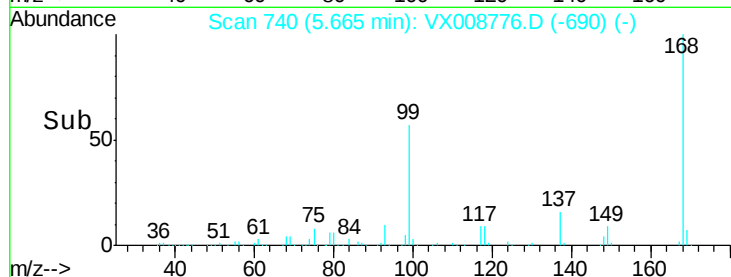
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 8.310 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.02 min

Lab File: VX008776.D

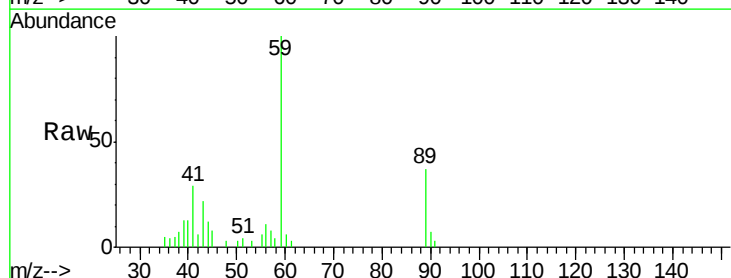
Acq: 09 Apr 2019 17:22

Tgt Ion: 59 Resp: 5882

Ion Ratio Lower Upper

59 100

57 9.4 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

2000

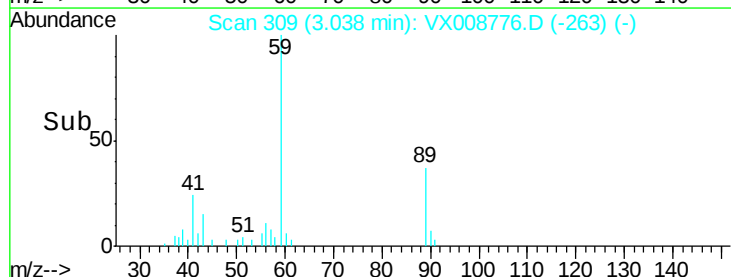
1500

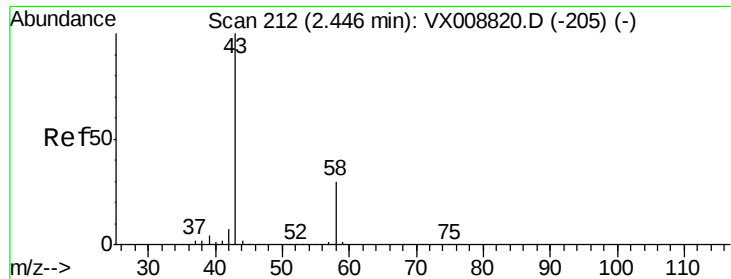
1000

500

0

Time--> 2.90 3.00 3.10





#16

Acetone

Concen: 35.113 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008776.D

Acq: 09 Apr 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

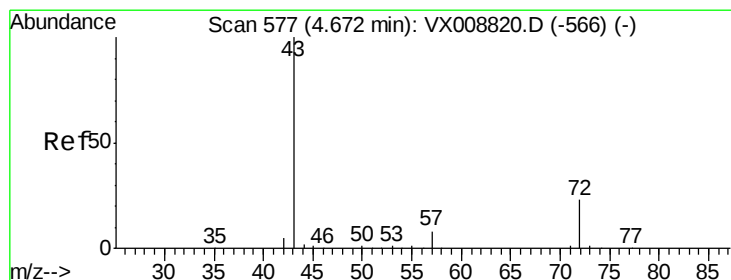
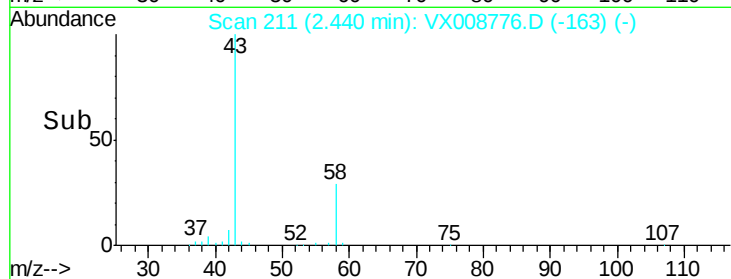
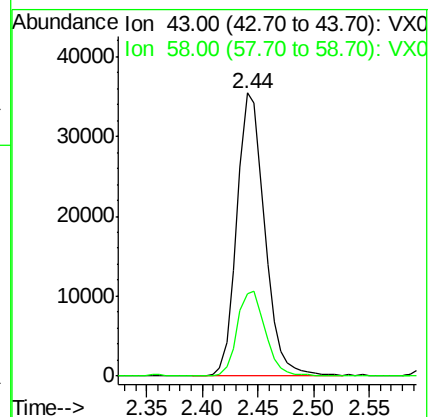
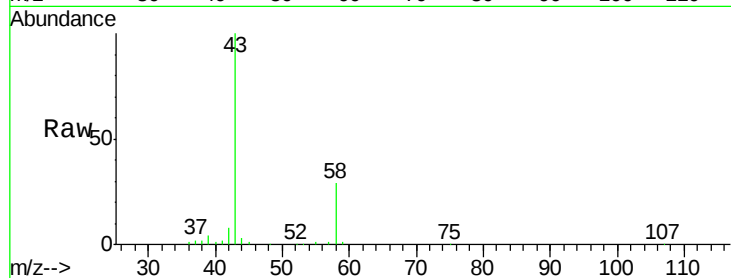
0236-COMP-CS-1-ELTRT

Tot Ion: 43 Resp: 61145

Ion Ratio Lower Upper

43 100

58 29.0 24.8 37.2



#25

2-Butanone

Concen: 7.571 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008776.D

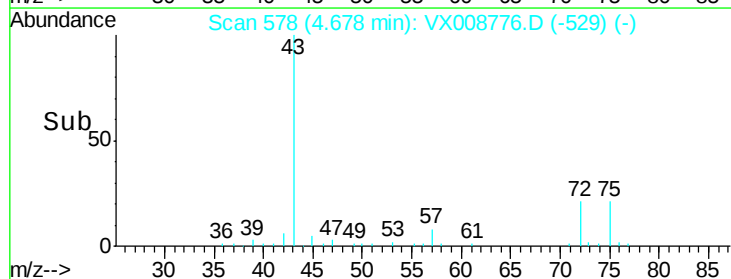
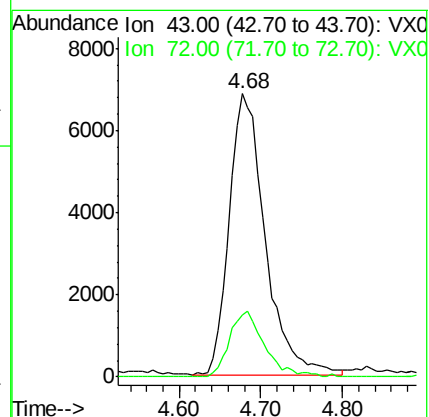
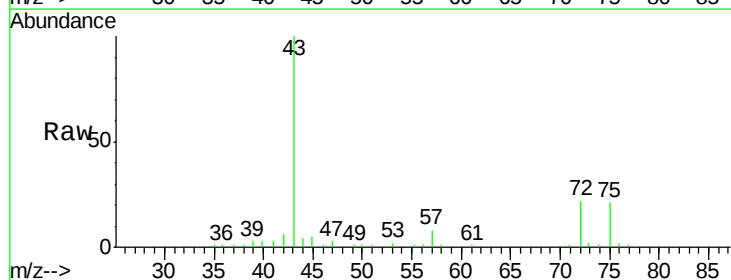
Acq: 09 Apr 2019 17:22

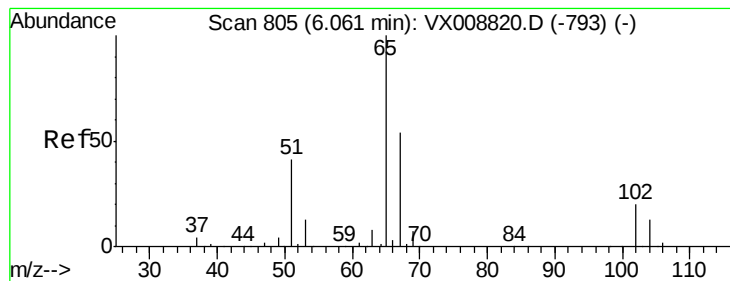
Tgt Ion: 43 Resp: 20837

Ion Ratio Lower Upper

43 100

72 21.8 18.2 27.4





#33

1,2-Dichloroethane-d4

Concen: 47.347 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008776.D

Acq: 09 Apr 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

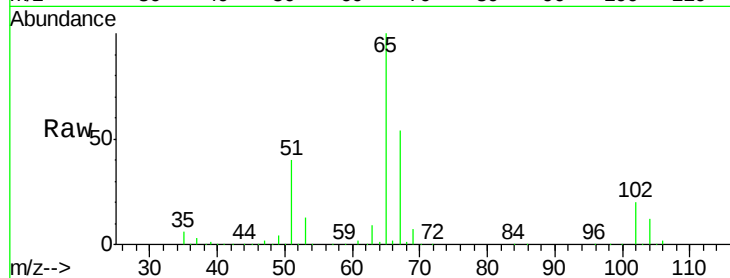
0236-COMP-CS-1-ELTRT

Tot Ion: 65 Resp: 143151

Ion Ratio Lower Upper

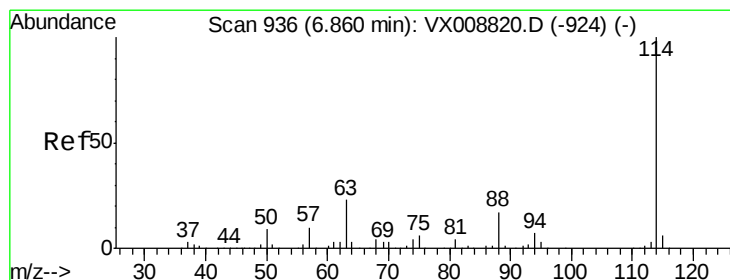
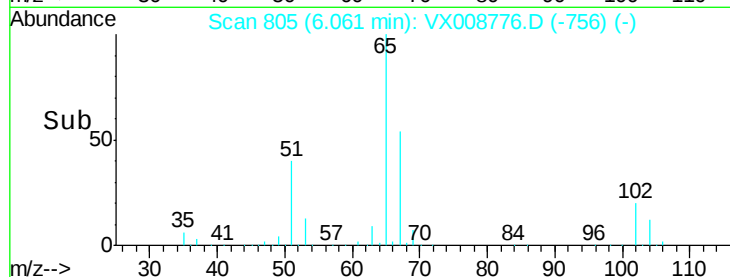
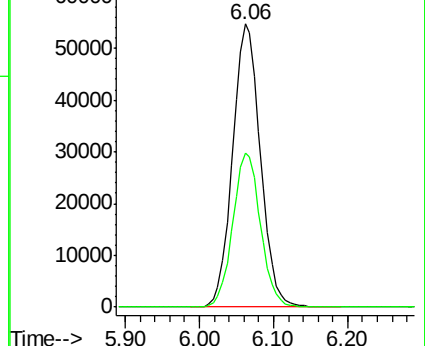
65 100

67 54.3 0.0 107.2



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: VX008776.D

Acq: 09 Apr 2019 17:22

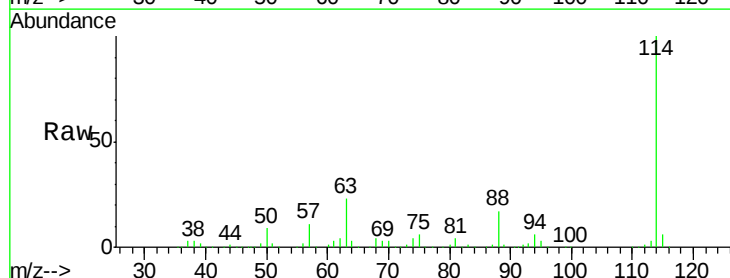
Tgt Ion: 114 Resp: 343402

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

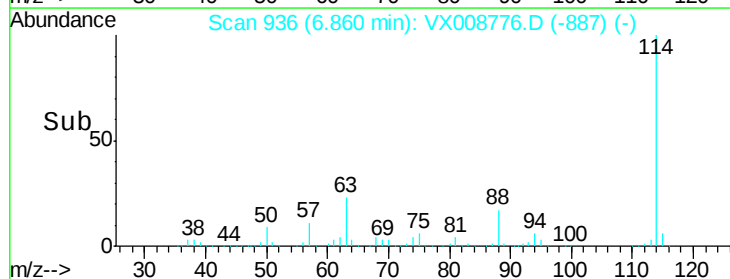
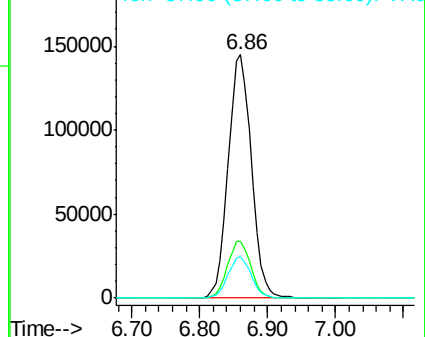
88 17.1 0.0 34.0

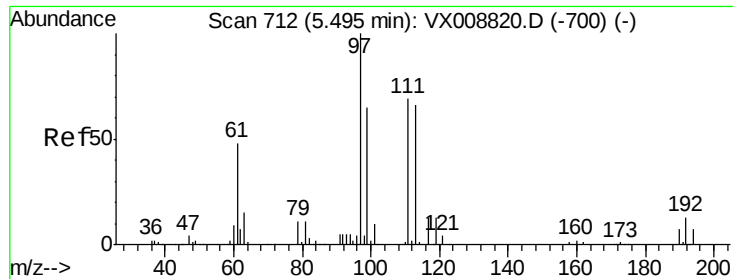


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

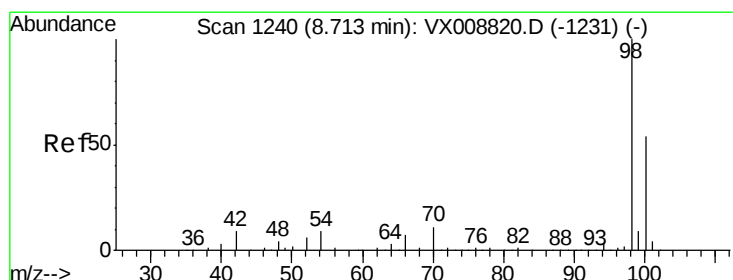
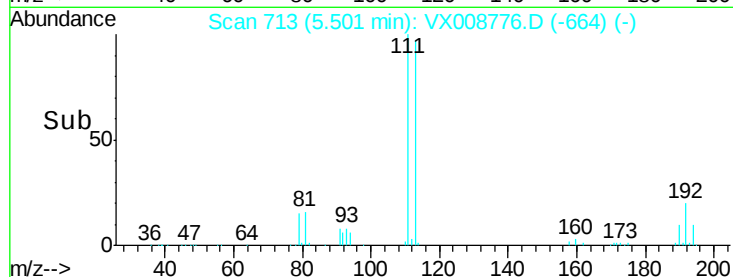
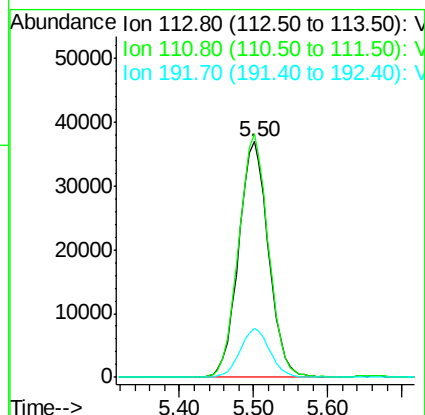
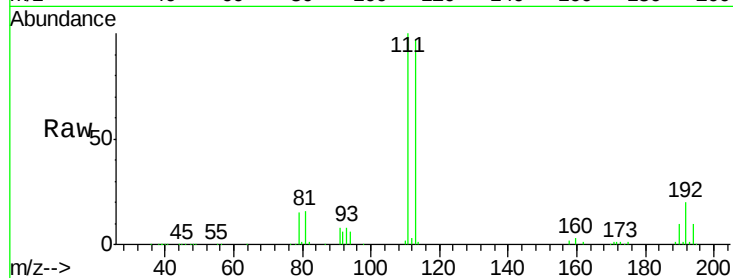




#35
 Dibromofluoromethane
 Concen: 47.592 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008776.D
 Acq: 09 Apr 2019 17:22

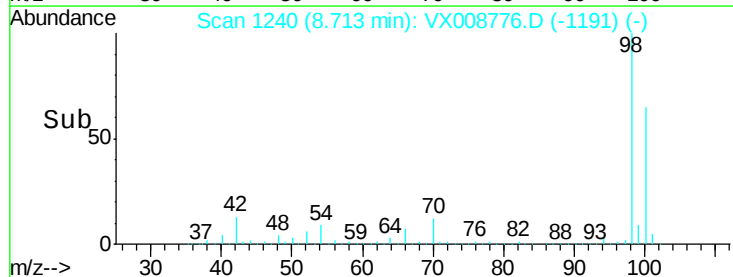
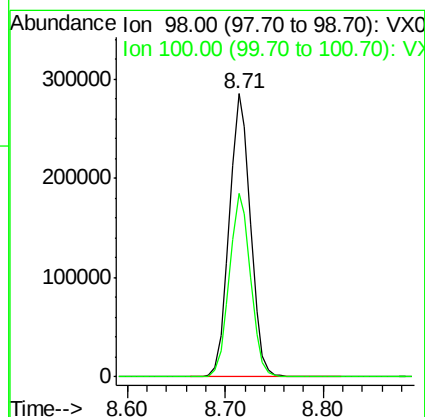
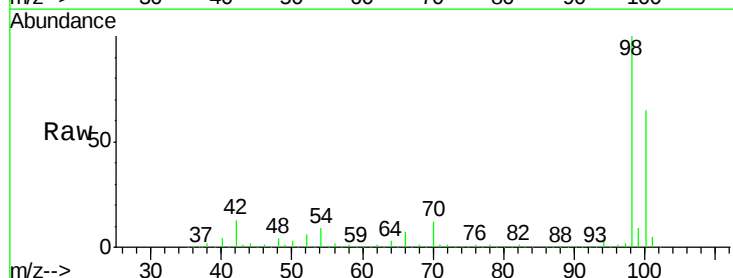
Instrument :
 MSVOA_X
 ClientSampleId :
 0236-COMP-CS-1-ELTRT

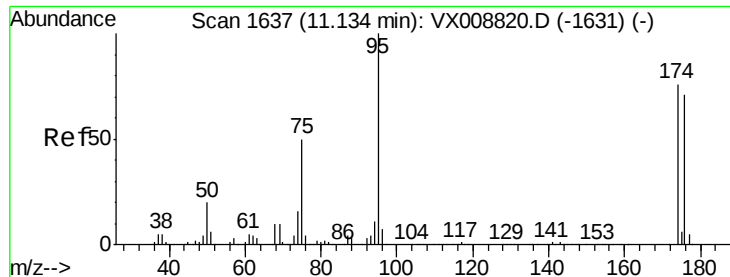
Tot Ion:113 Resp: 104492
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 20.5 16.1 24.1



#50
 Toluene-d8
 Concen: 49.133 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008776.D
 Acq: 09 Apr 2019 17:22

Tgt Ion: 98 Resp: 429532
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 45.085 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008776.D

Acq: 09 Apr 2019 17:22

Instrument :

MSVOA_X

ClientSampleId :

0236-COMP-CS-1-ELTRT

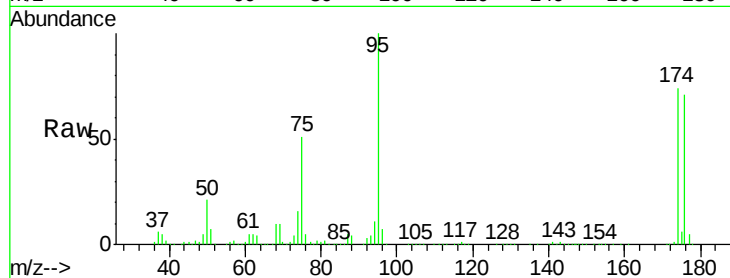
Tot Ion: 95 Resp: 139770

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

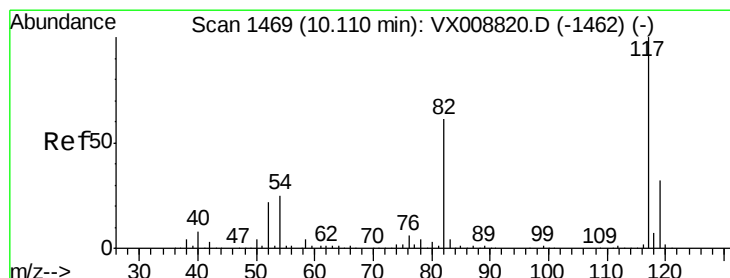
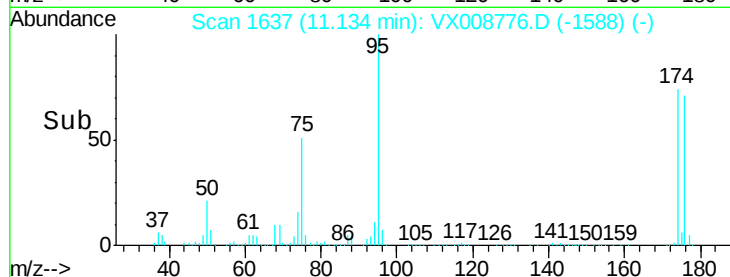
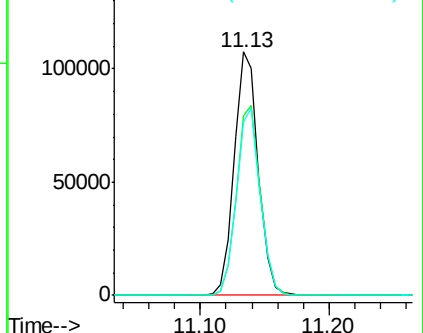
176 75.6 0.0 145.8



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008776.D

Acq: 09 Apr 2019 17:22

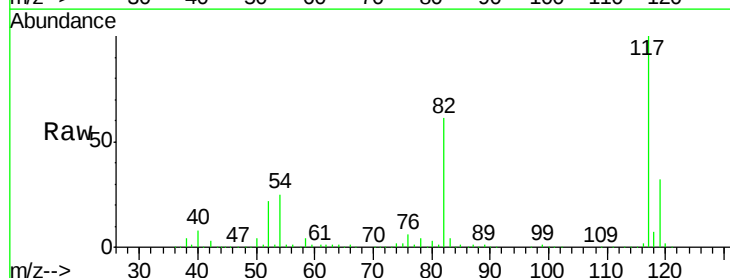
Tgt Ion: 117 Resp: 293774

Ion Ratio Lower Upper

117 100

82 61.1 49.6 74.4

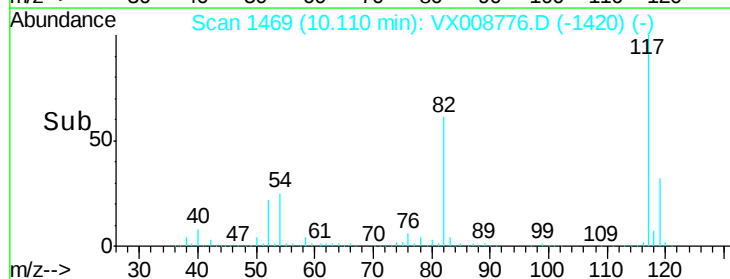
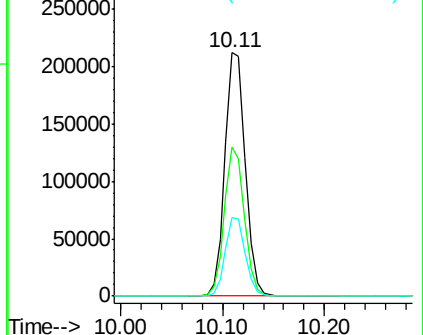
119 32.2 25.0 37.4

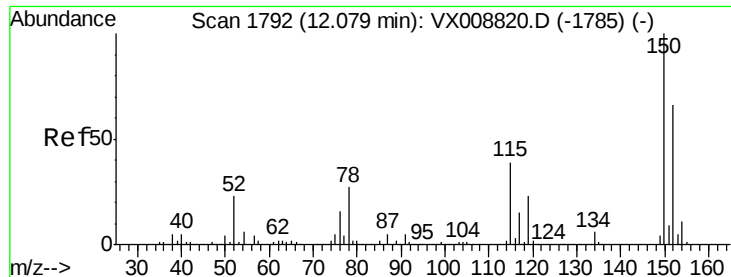


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

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: VX008776.D

Acq: 09 Apr 2019 17:22

Instrument :

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ClientSampleId :

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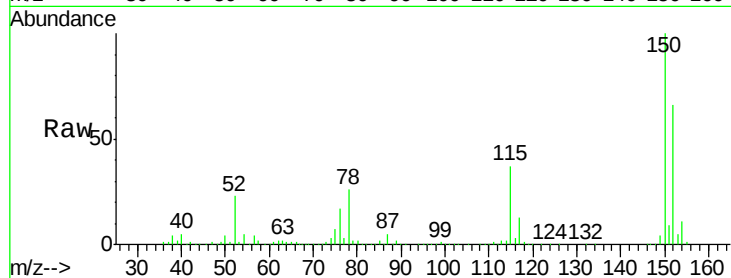
Tot Ion:152 Resp: 121082

Ion Ratio Lower Upper

152 100

115 59.0 43.5 130.5

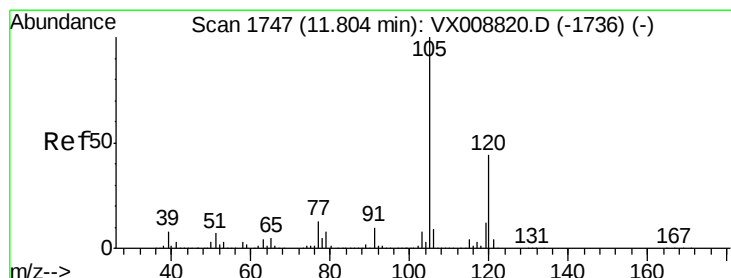
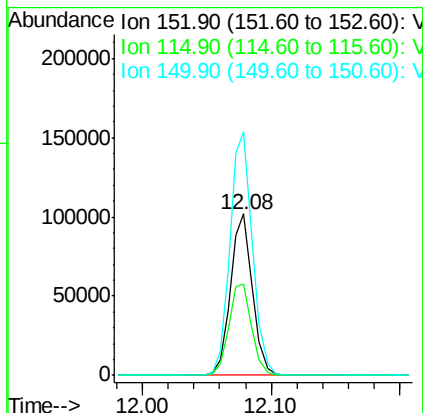
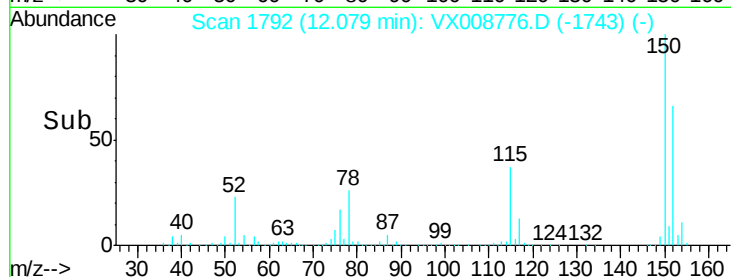
150 155.1 0.0 348.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.394 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008776.D

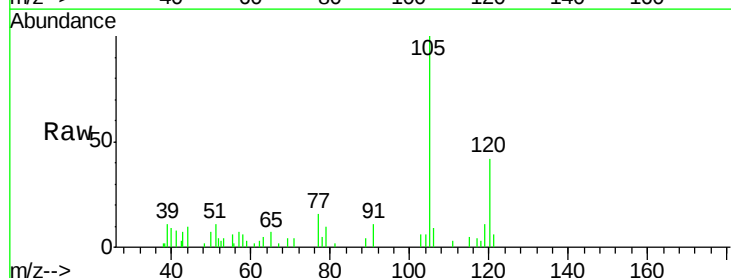
Acq: 09 Apr 2019 17:22

Tgt Ion:105 Resp: 3363

Ion Ratio Lower Upper

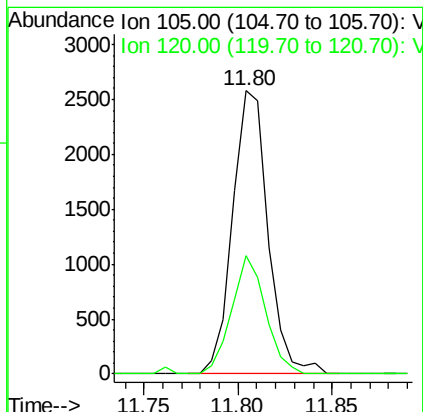
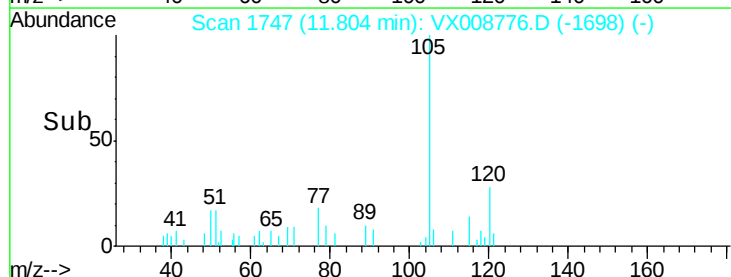
105 100

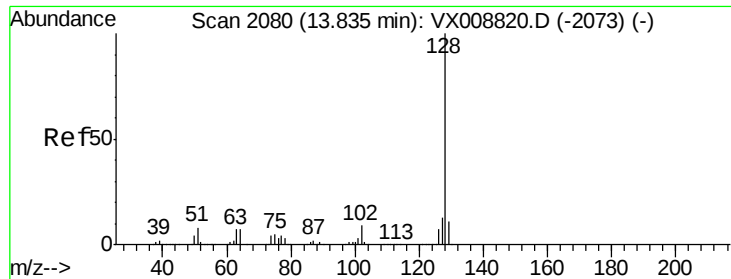
120 39.9 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.791 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008776.D

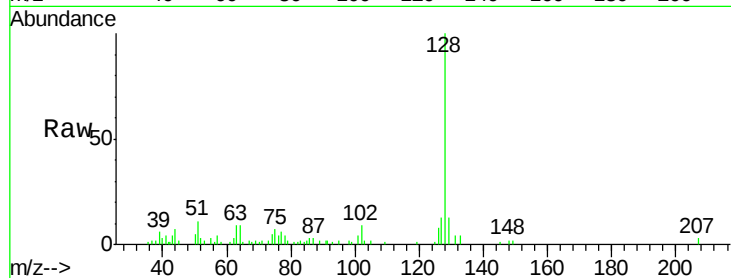
Acq: 09 Apr 2019 17:22

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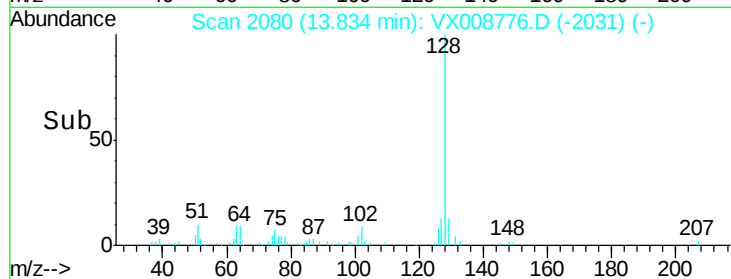
Tot Ion:128 Resp: 7877

Ion Ratio Lower Upper

128 100

127 16.0 10.4 15.6#

129 17.2 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

