

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008711.D
 Acq On : 06 Apr 2019 11:35
 Operator : JC/SP
 Sample : K2311-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0167-FIELD-BLANK

Quant Time: Apr 08 03:13:09 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

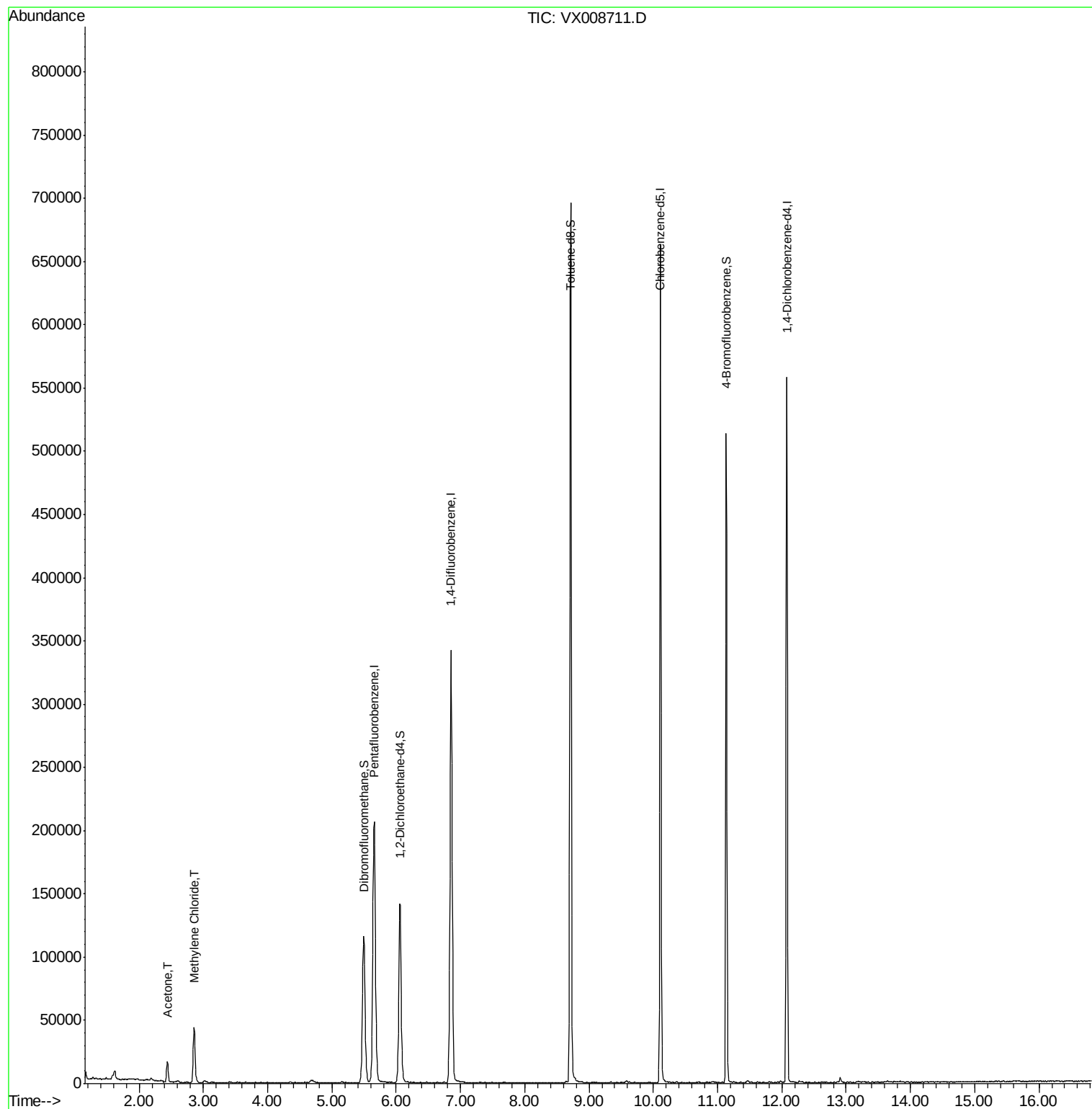
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	332185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135387	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
35) Dibromofluoromethane	5.49	113	99806	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	8.71	98	414008	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	134590	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	2.44	43	18503	11.011	ug/l	100
20) Methylene Chloride	2.85	84	20303	7.218	ug/l	98

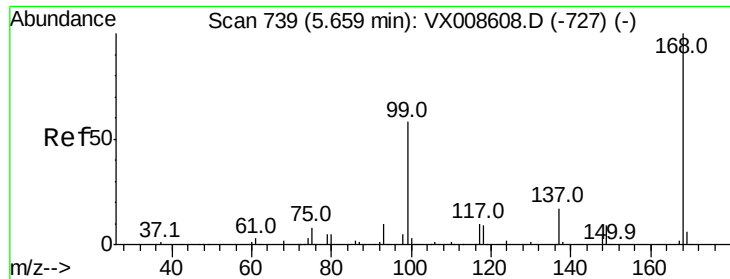
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
0167-FIELD-BLANK

Quant Time: Apr 08 03:13:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008711.D

Acq: 06 Apr 2019 11:35

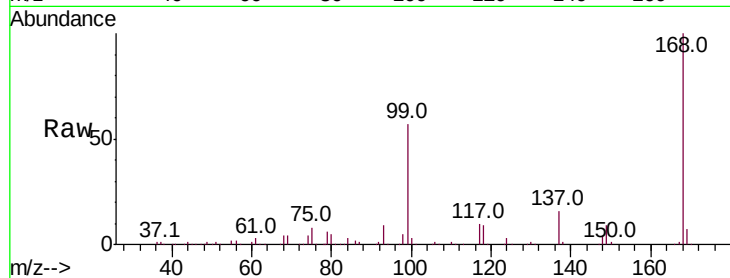
Instrument :
MSVOA_X
ClientSampleId :
0167-FIELD-BLANK

Tot Ion:168 Resp: 200034

Ion Ratio Lower Upper

168 100

99 57.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

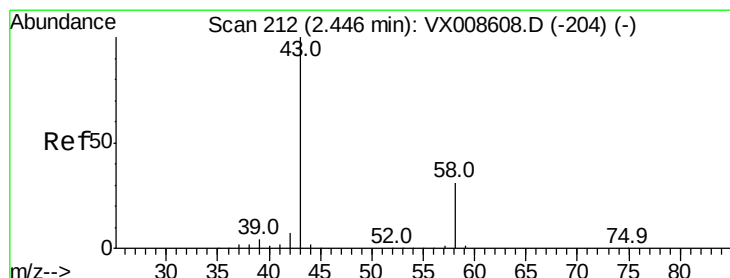
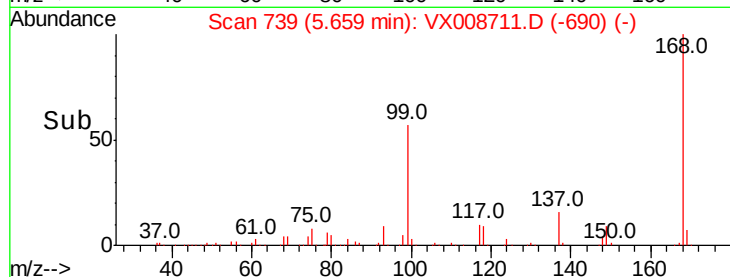
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.011 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008711.D

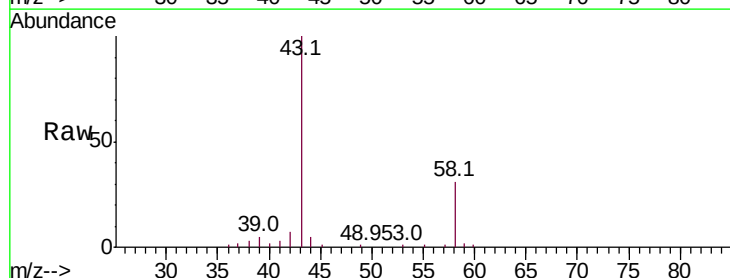
Acq: 06 Apr 2019 11:35

Tgt Ion: 43 Resp: 18503

Ion Ratio Lower Upper

43 100

58 31.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

12000

10000

8000

6000

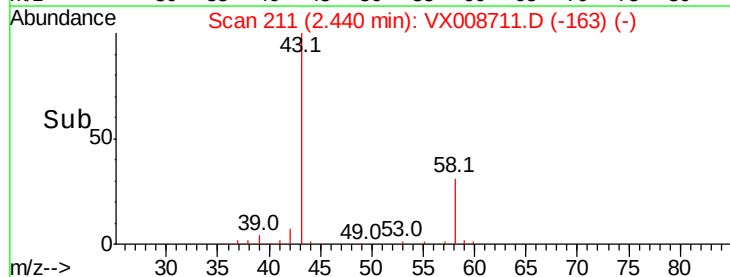
4000

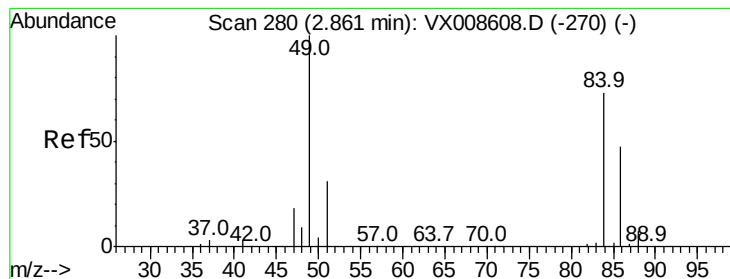
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 7.218 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008711.D

Acq: 06 Apr 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

0167-FIELD-BLANK

Tot Ion: 84 Resp: 20303

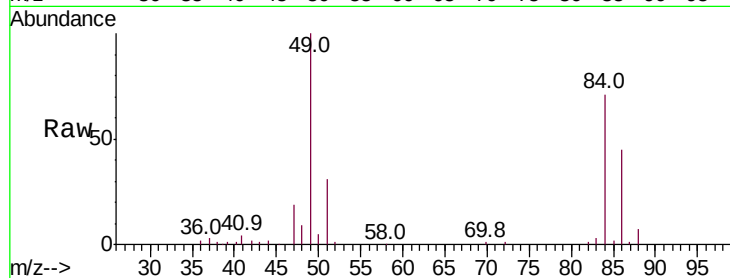
Ion Ratio Lower Upper

84 100

49 140.4 109.7 164.5

51 43.3 33.6 50.4

86 63.9 51.4 77.2

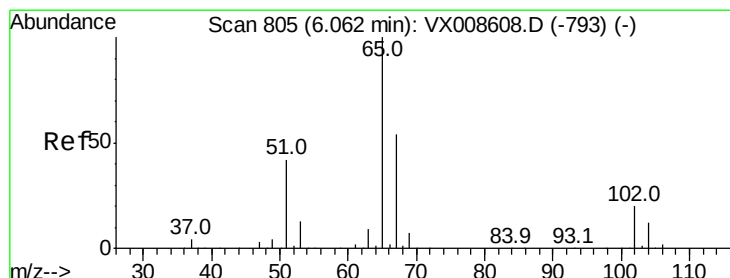
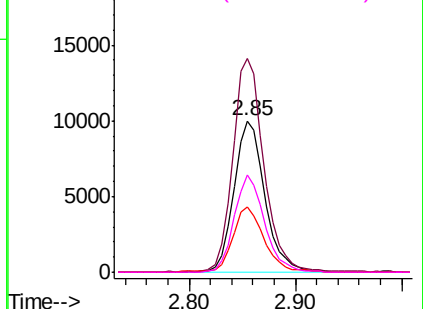
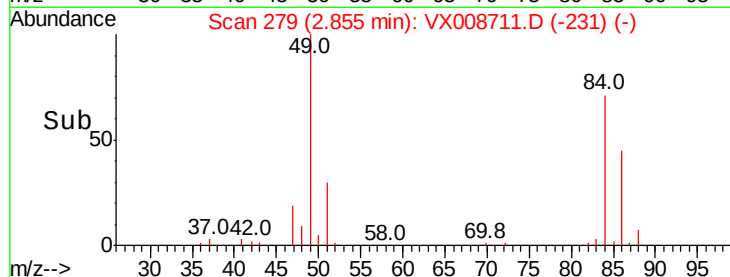


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.403 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008711.D

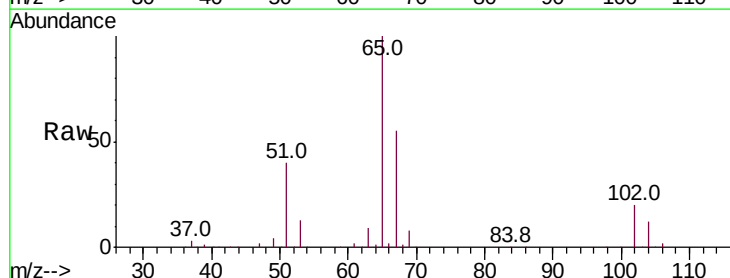
Acq: 06 Apr 2019 11:35

Tgt Ion: 65 Resp: 135387

Ion Ratio Lower Upper

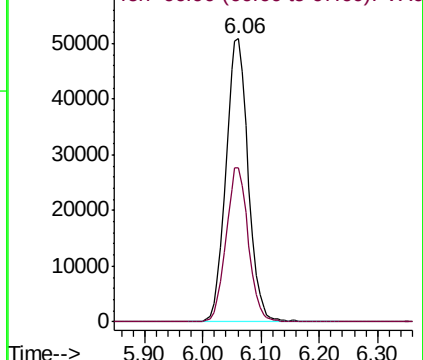
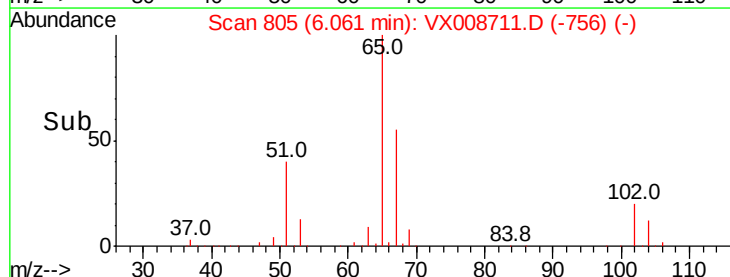
65 100

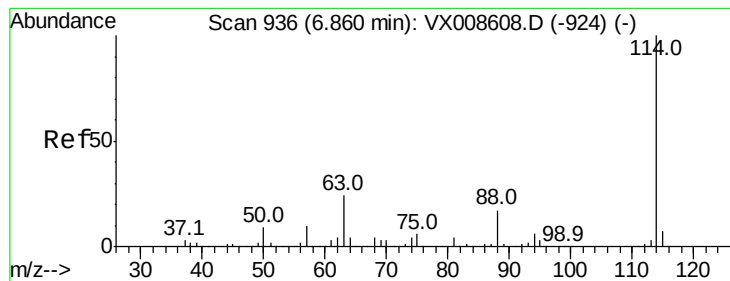
67 54.5 0.0 107.2



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008711.D

Acq: 06 Apr 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
0167-FIELD-BLANK

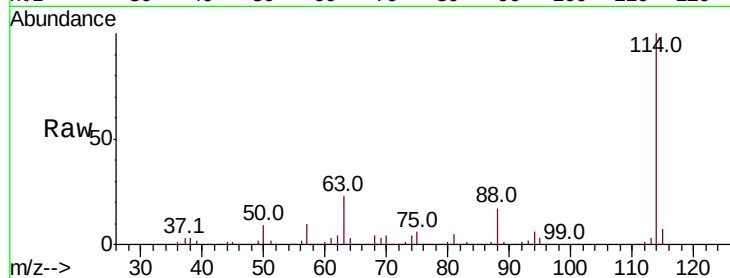
Tot Ion:114 Resp: 332185

Ion Ratio Lower Upper

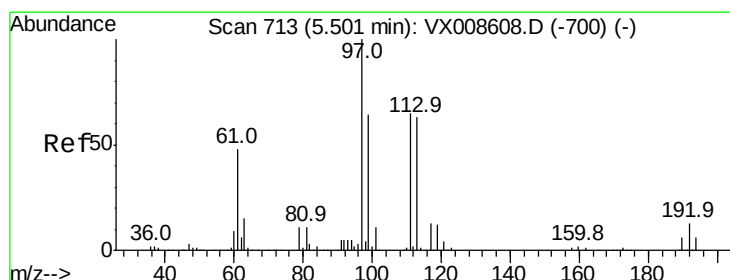
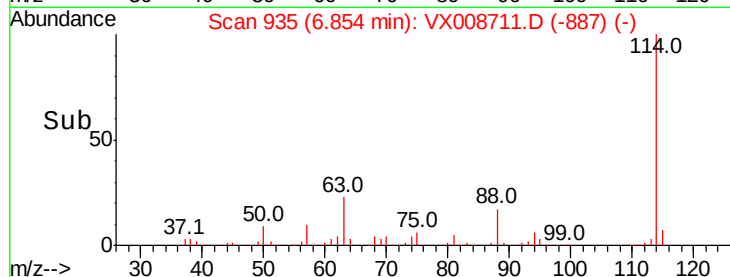
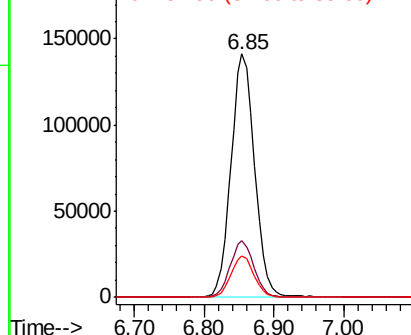
114 100

63 23.4 0.0 47.2

88 16.8 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: 46.993 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008711.D

Acq: 06 Apr 2019 11:35

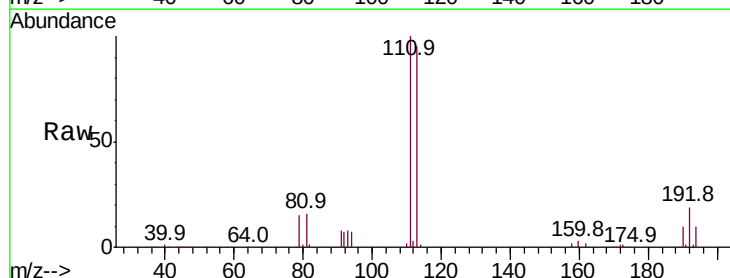
Tgt Ion:113 Resp: 99806

Ion Ratio Lower Upper

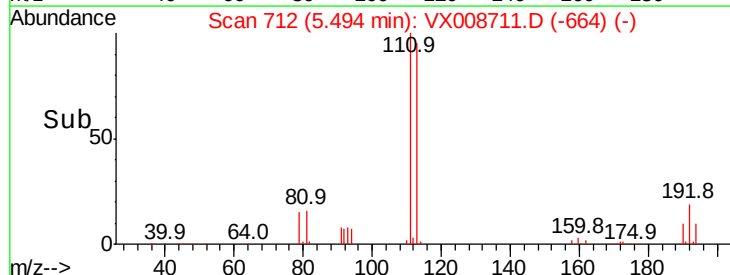
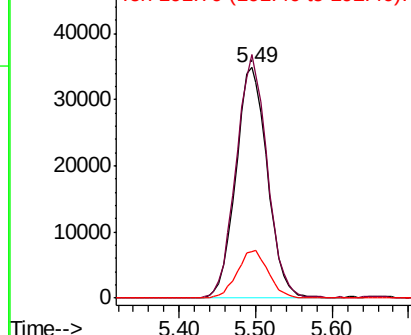
113 100

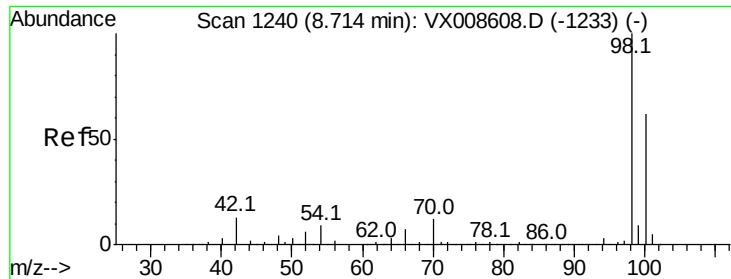
111 103.9 83.4 125.2

192 20.4 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: 48.956 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008711.D

Acq: 06 Apr 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

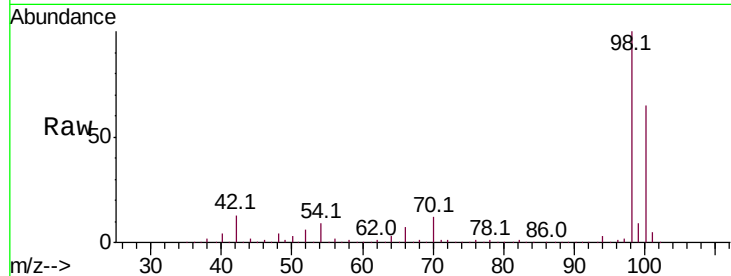
0167-FIELD-BLANK

Tot Ion: 98 Resp: 414008

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

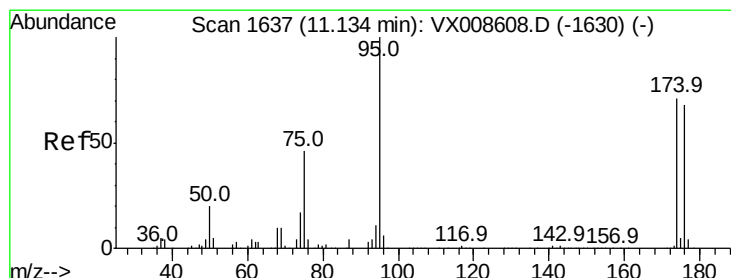
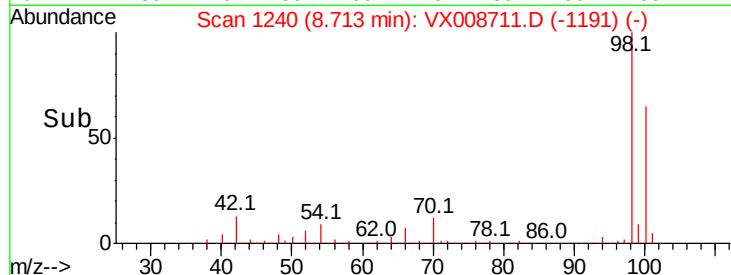
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.880 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008711.D

Acq: 06 Apr 2019 11:35

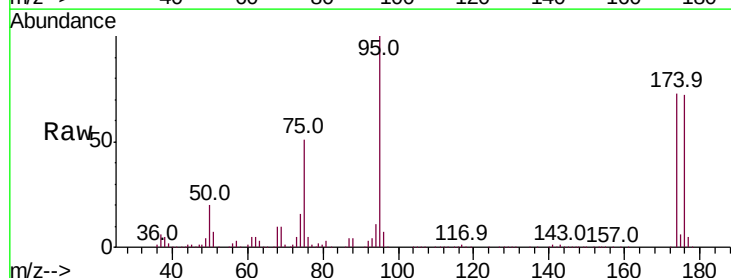
Tgt Ion: 95 Resp: 134590

Ion Ratio Lower Upper

95 100

174 76.9 0.0 151.8

176 75.7 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

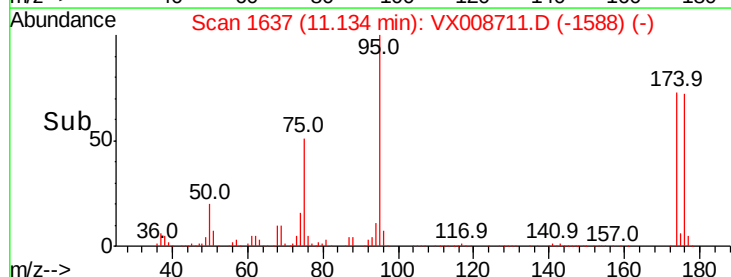
150000

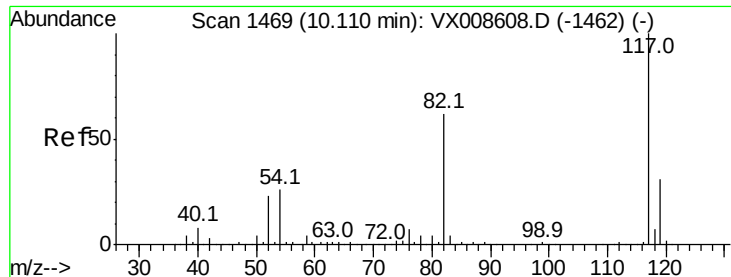
100000

50000

0

Time-->

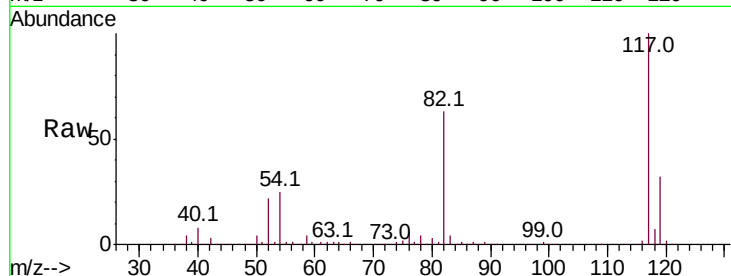




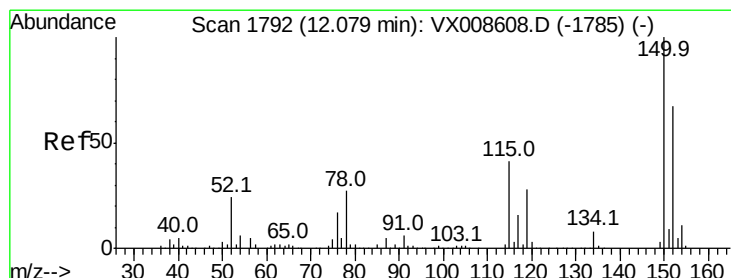
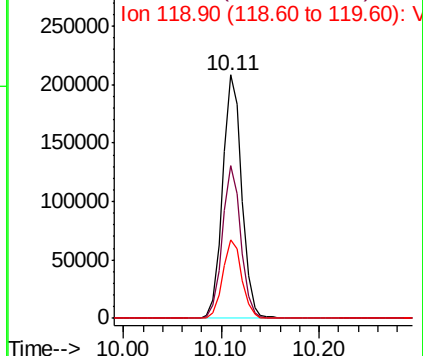
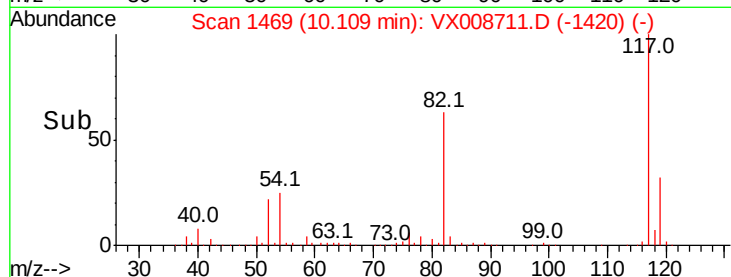
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008711.D
Acq: 06 Apr 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
0167-FIELD-BLANK

Tot Ion:117 Resp: 281264
Ion Ratio Lower Upper
117 100
82 62.5 49.6 74.4
119 32.1 25.0 37.4

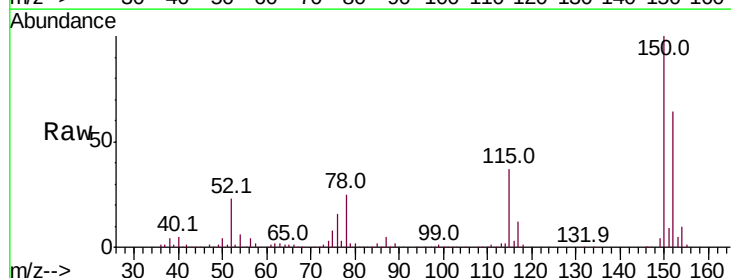


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008711.D
Acq: 06 Apr 2019 11:35

Tgt Ion:152 Resp: 115242
Ion Ratio Lower Upper
152 100
115 60.6 43.5 130.5
150 156.5 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

