

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009103.D
 Acq On : 22 Apr 2019 17:32
 Operator : JC/SP
 Sample : K2516-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P041919DL

Quant Time: Apr 23 04:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

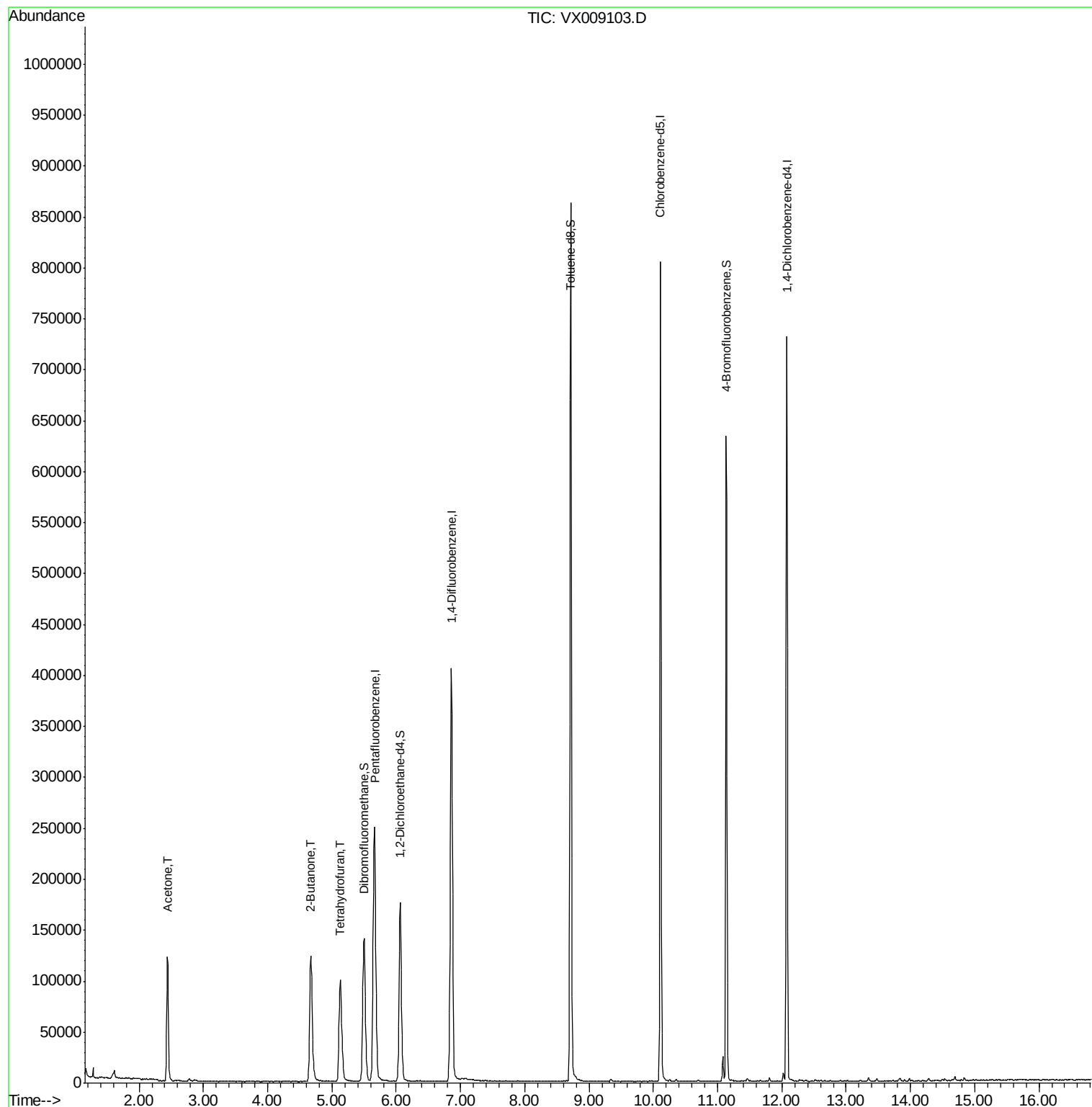
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163907	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
35) Dibromofluoromethane	5.50	113	120859	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	503452	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	167316	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
16) Acetone	2.44	43	134154	73.545	ug/l	99
25) 2-Butanone	4.67	43	229426	78.686	ug/l	99
29) Tetrahydrofuran	5.13	42	102733	52.642	ug/l	98

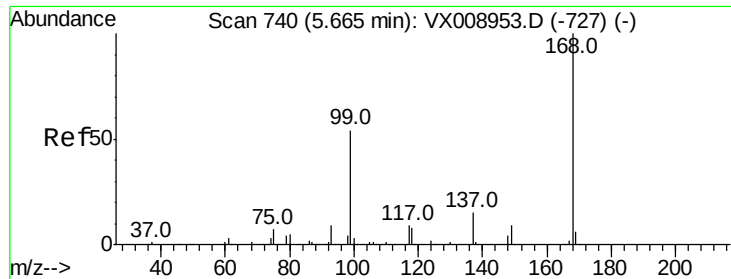
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009103.D

Acq: 22 Apr 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

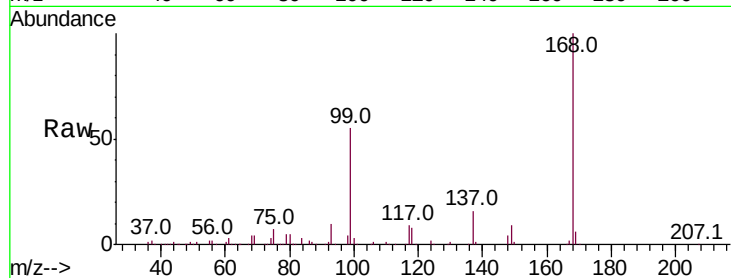
P041919DL

Tot Ion:168 Resp: 249597

Ion Ratio Lower Upper

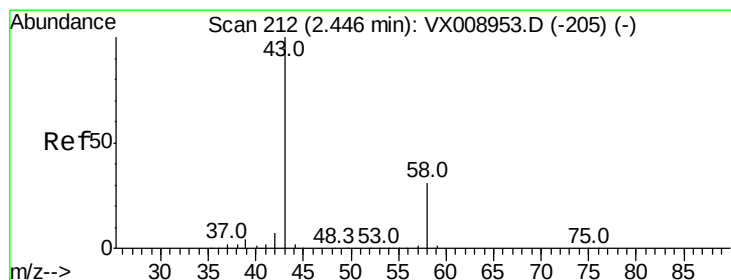
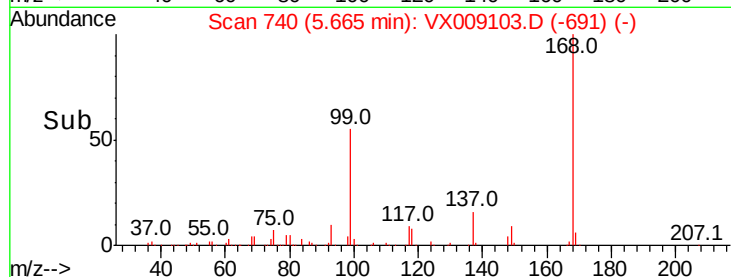
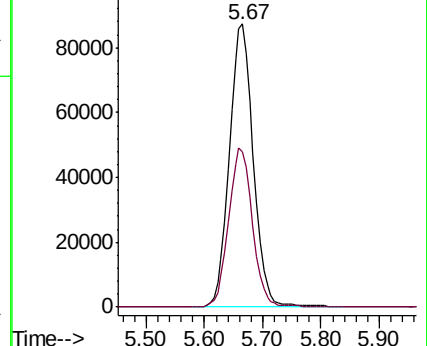
168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 73.545 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009103.D

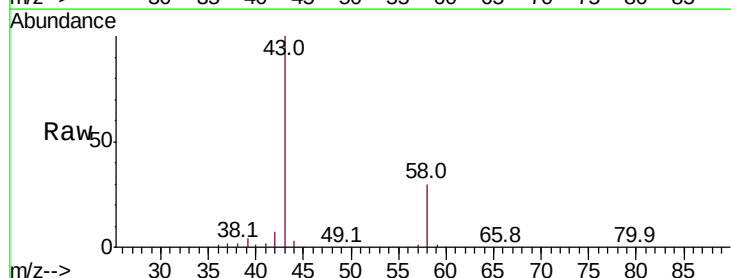
Acq: 22 Apr 2019 17:32

Tgt Ion: 43 Resp: 134154

Ion Ratio Lower Upper

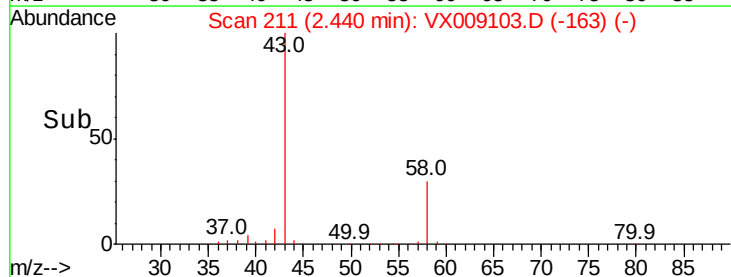
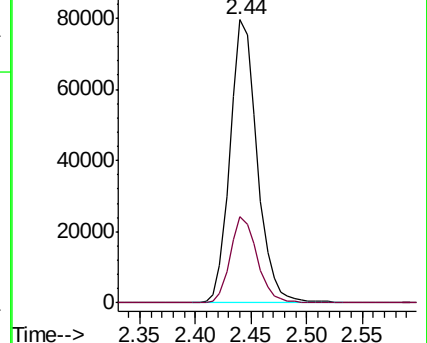
43 100

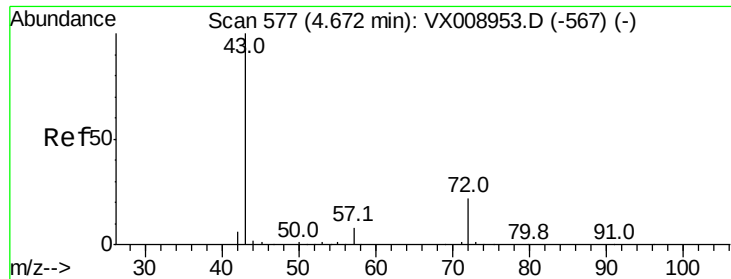
58 30.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 78.686 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009103.D

Acq: 22 Apr 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

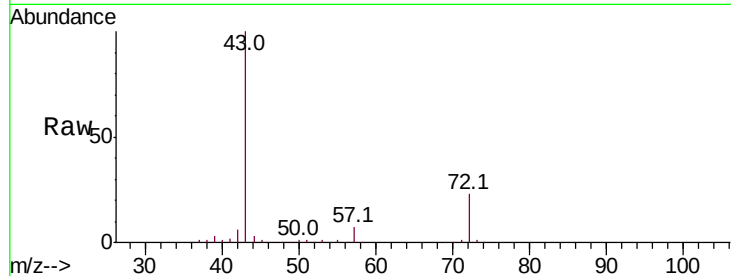
P041919DL

Tot Ion: 43 Resp: 229426

Ion Ratio Lower Upper

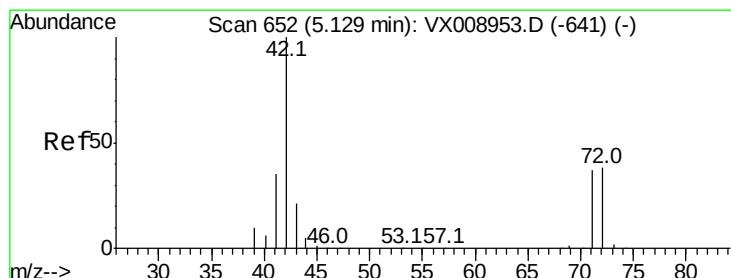
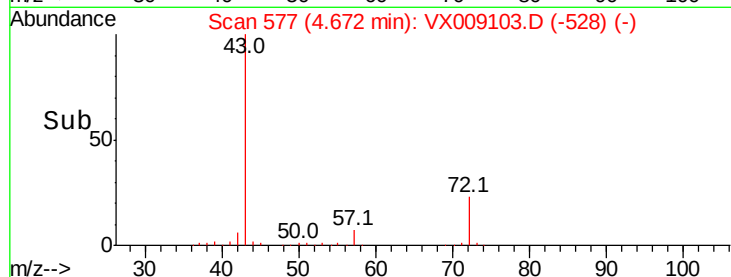
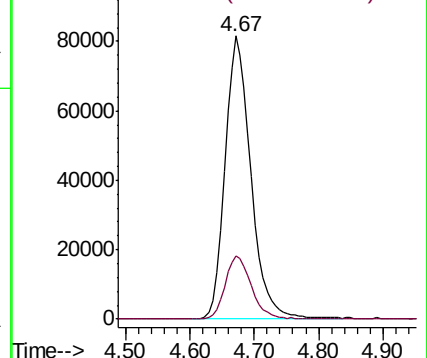
43 100

72 22.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 52.642 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009103.D

Acq: 22 Apr 2019 17:32

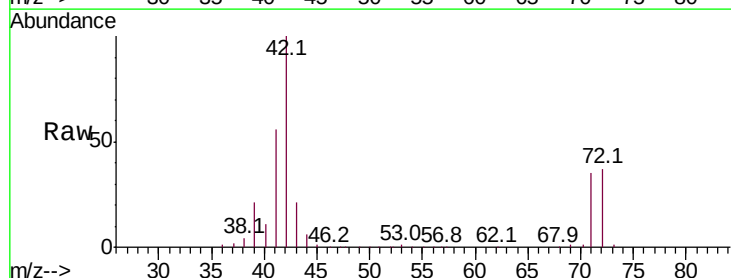
Tgt Ion: 42 Resp: 102733

Ion Ratio Lower Upper

42 100

72 36.7 30.6 45.8

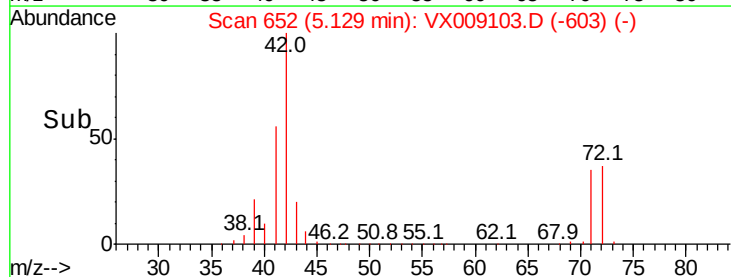
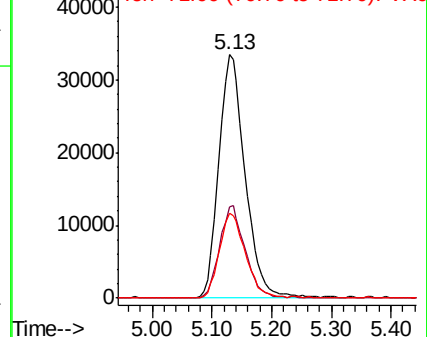
71 34.5 28.8 43.2

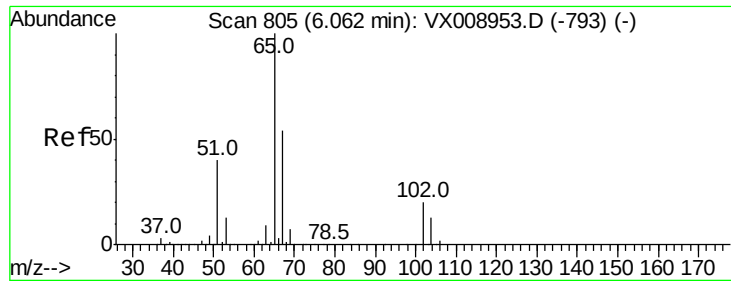


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

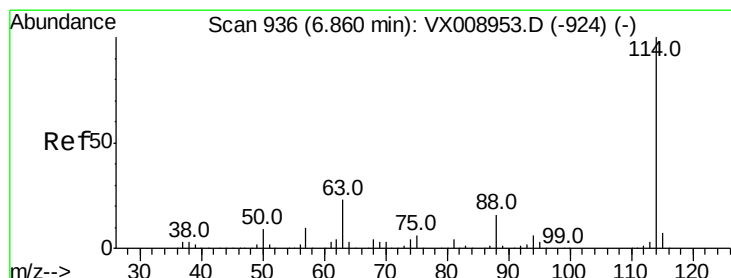
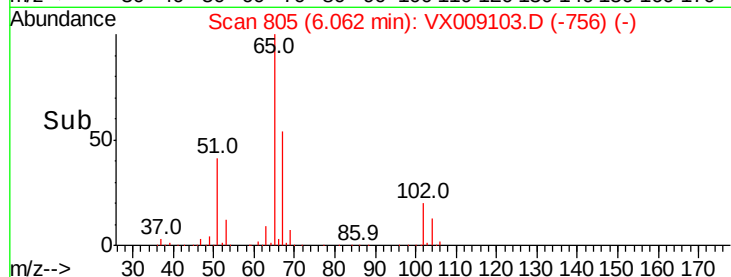
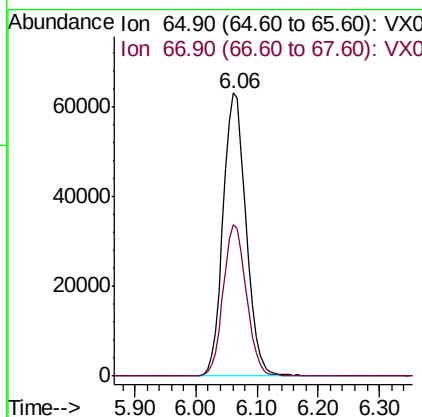
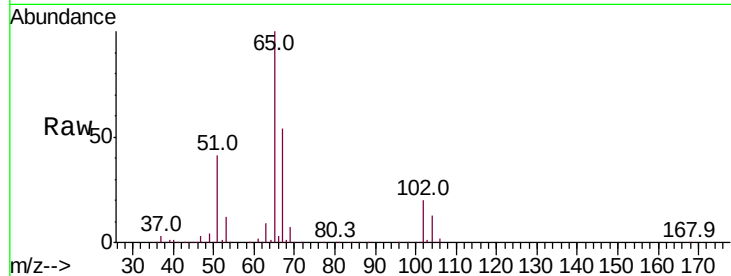




#33
 1,2-Dichloroethane-d4
 Concen: 46.597 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009103.D
 Acq: 22 Apr 2019 17:32

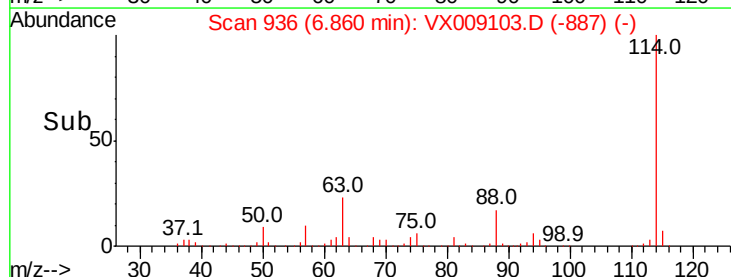
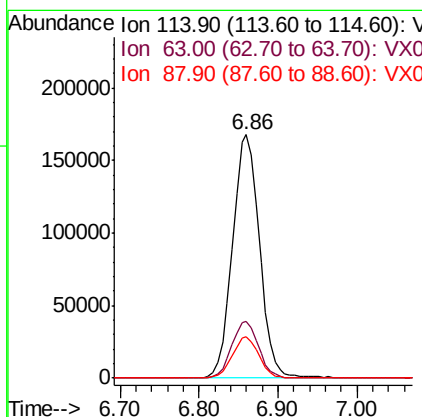
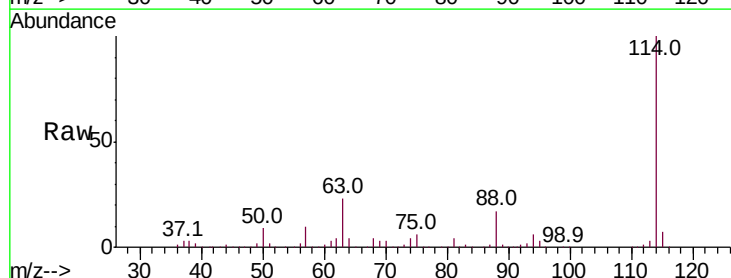
Instrument :
 MSVOA_X
 ClientSampleID :
 P041919DL

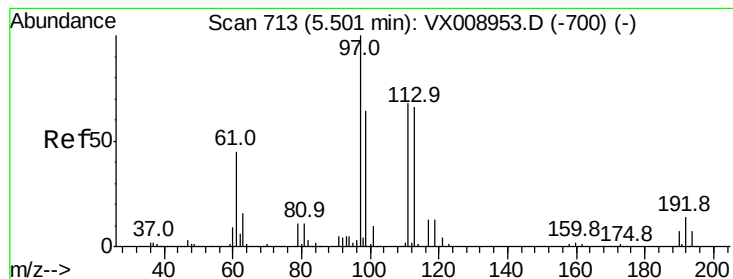
Tot Ion: 65 Resp: 163907
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009103.D
 Acq: 22 Apr 2019 17:32

Tgt Ion:114 Resp: 399502
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.0
 88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.139 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009103.D

Acq: 22 Apr 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

P041919DL

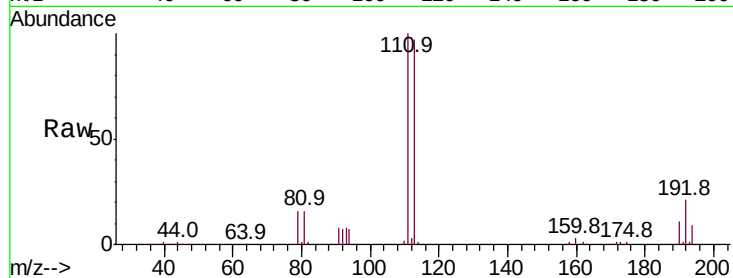
Tot Ion:113 Resp: 120859

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

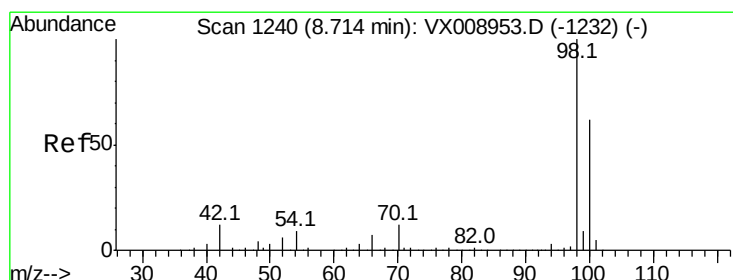
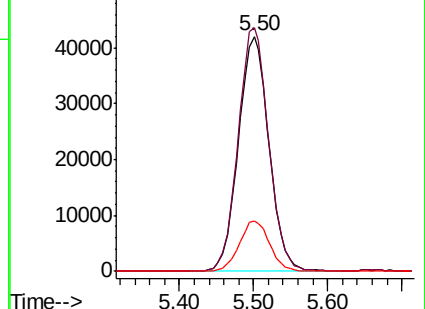
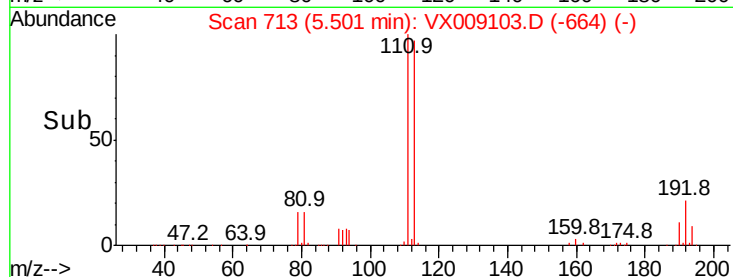
192 21.3 17.4 26.0



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: 49.237 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009103.D

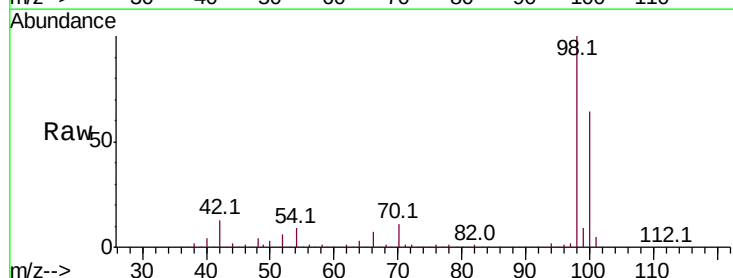
Acq: 22 Apr 2019 17:32

Tgt Ion: 98 Resp: 503452

Ion Ratio Lower Upper

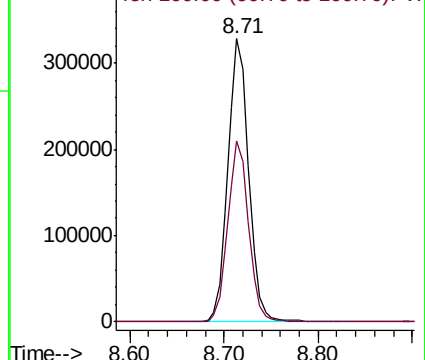
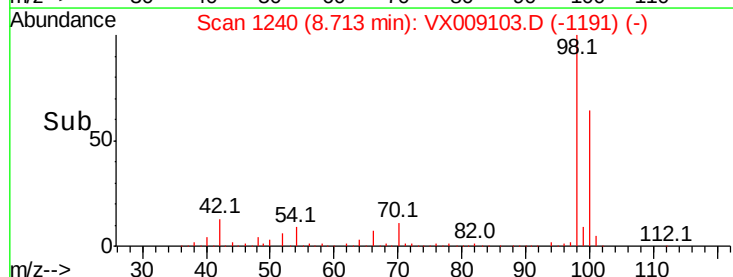
98 100

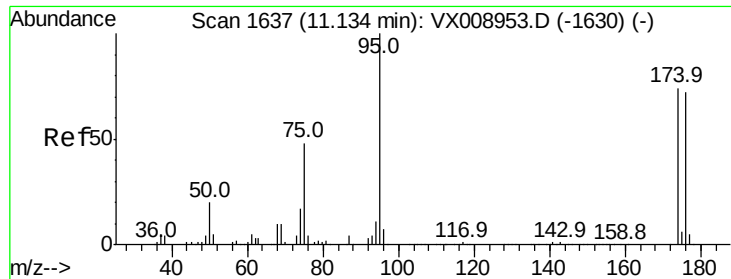
100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.355 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009103.D

Acq: 22 Apr 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

P041919DL

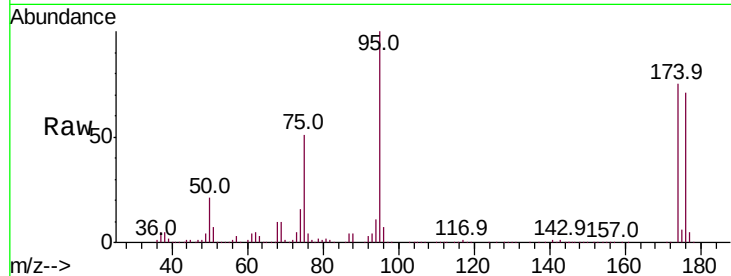
Tot Ion: 95 Resp: 167316

Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.6

176 77.6 0.0 154.8

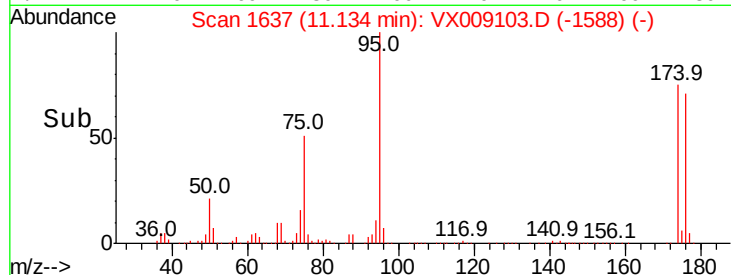


Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)

Time-->

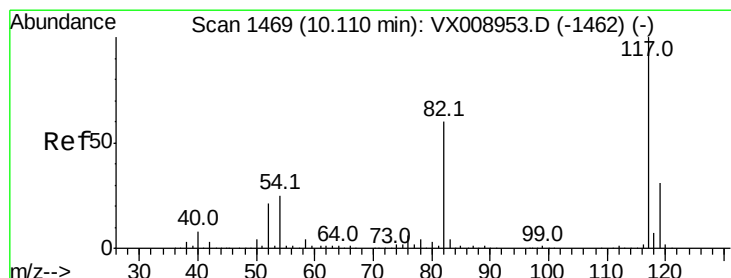


Abundance Ion 94.90 (94.60 to 95.60): VX009103.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009103.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009103.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009103.D

Acq: 22 Apr 2019 17:32

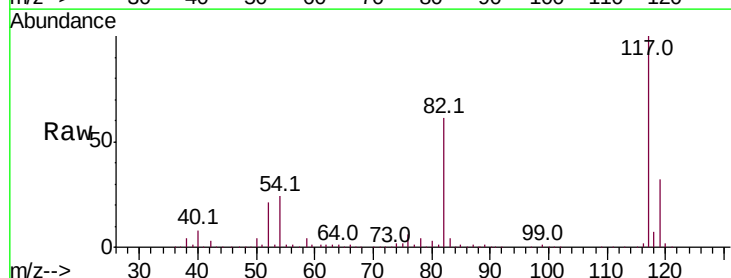
Tgt Ion: 117 Resp: 348899

Ion Ratio Lower Upper

117 100

82 61.3 48.2 72.4

119 32.2 25.0 37.6

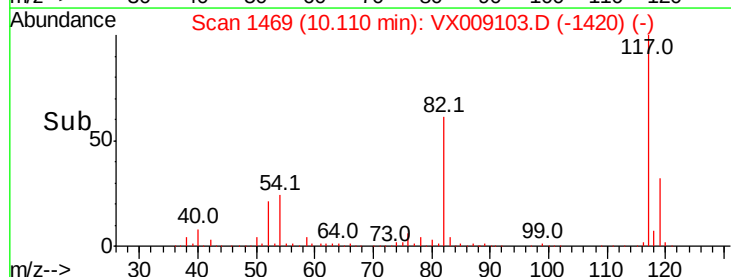


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

Time-->

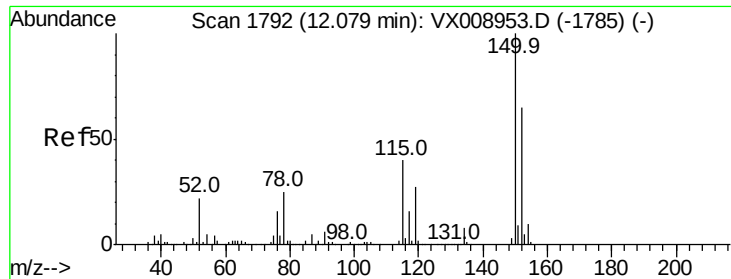


Abundance Ion 116.90 (116.60 to 117.60): VX009103.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009103.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009103.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009103.D

Acq: 22 Apr 2019 17:32

Instrument :

MSVOA_X

ClientSampleId :

P041919DL

Tot Ion:152 Resp: 151065

Ion Ratio Lower Upper

152 100

115 59.1 41.4 124.2

150 157.0 0.0 349.8

