

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042419\
 Data File : VX009146.D
 Acq On : 24 Apr 2019 16:19
 Operator : JC/SP
 Sample : K2545-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMI-133DL

Quant Time: Apr 25 07:08:51 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

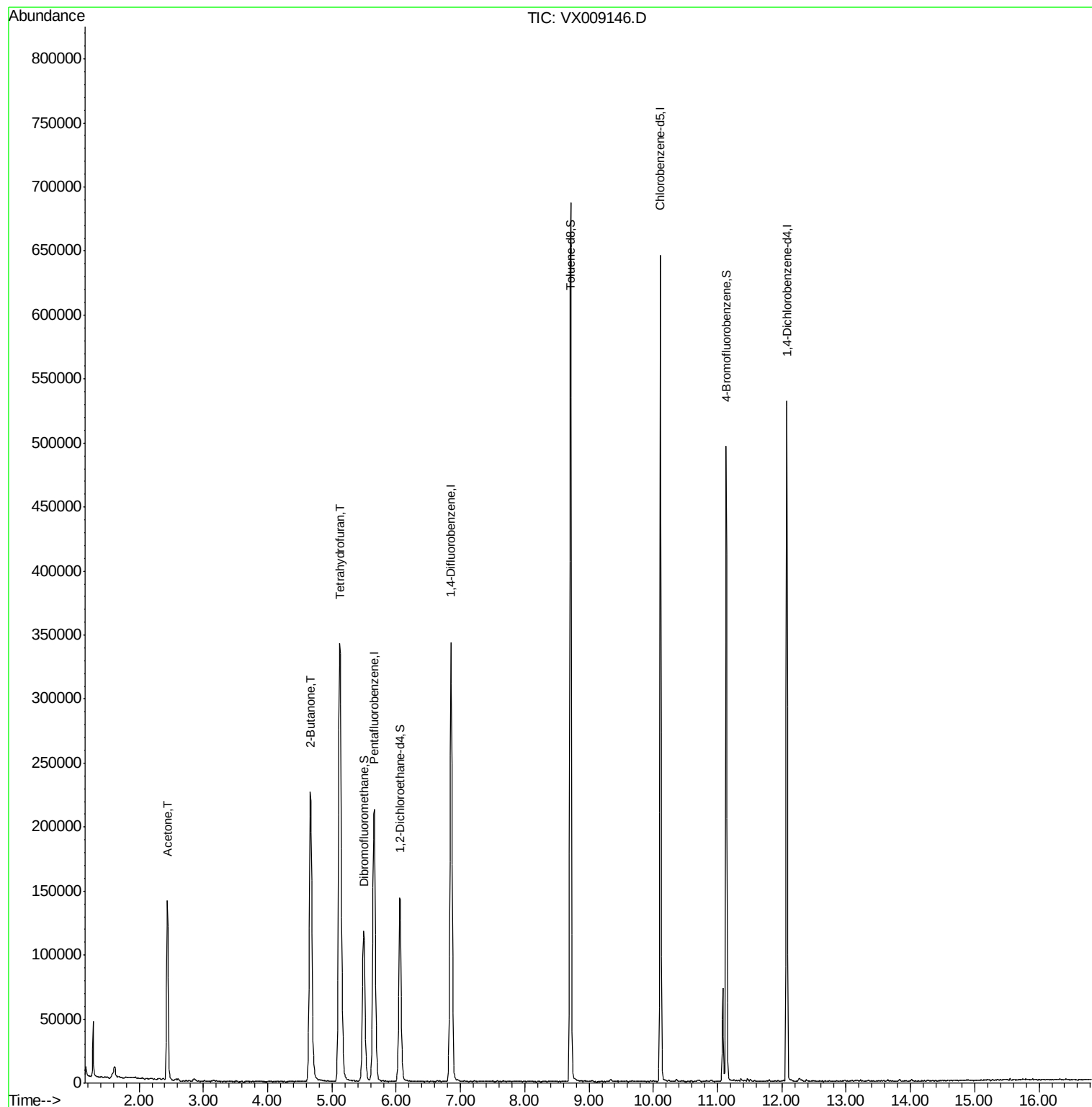
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	205315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	332013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	136112	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	5.49	113	101214	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	8.71	98	403746	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.13	95	128332	42.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.56%	
Target Compounds						
16) Acetone	2.44	43	153166	102.077	ug/l	99
25) 2-Butanone	4.67	43	426514	177.831	ug/l	99
29) Tetrahydrofuran	5.12	42	353812	220.401	ug/l	98

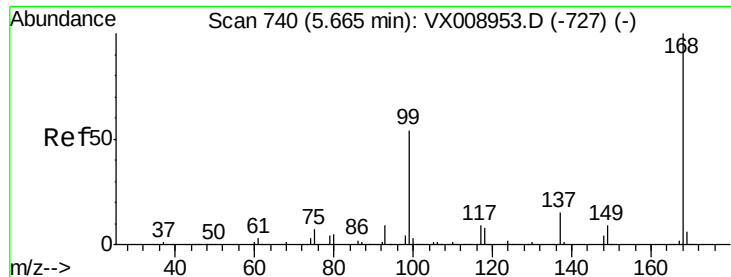
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009146.D

Acq: 24 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

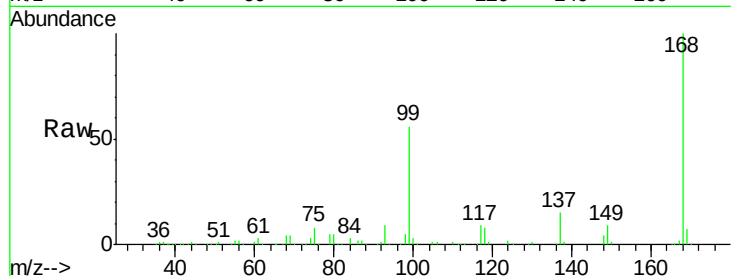
FMI-133DL

Tot Ion:168 Resp: 205315

Ion Ratio Lower Upper

168 100

99 56.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

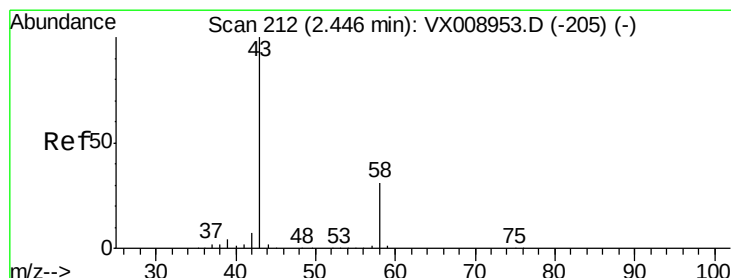
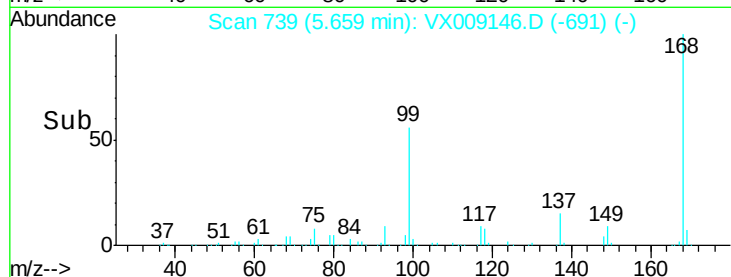
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 102.077 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009146.D

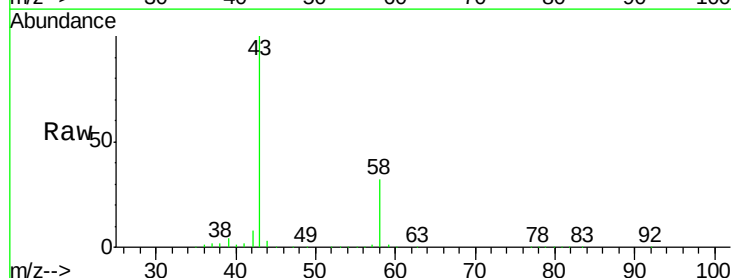
Acq: 24 Apr 2019 16:19

Tgt Ion: 43 Resp: 153166

Ion Ratio Lower Upper

43 100

58 31.7 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

100000

80000

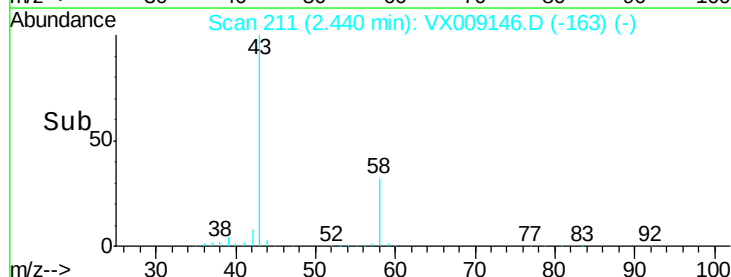
60000

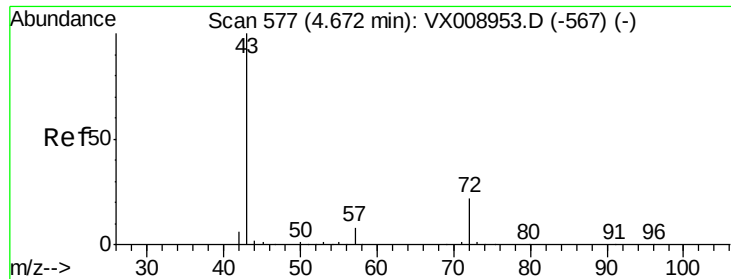
40000

20000

0

Time--> 2.30 2.40 2.50 2.60





#25

2-Butanone

Concen: 177.831 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009146.D

Acq: 24 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

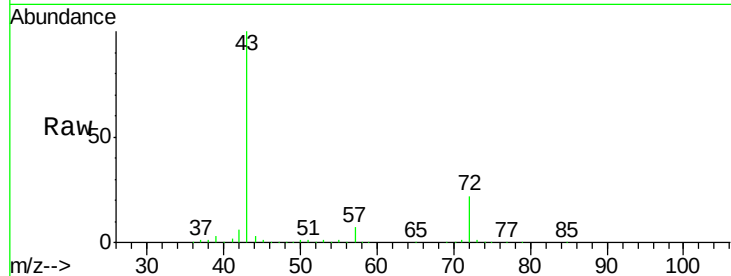
FMI-133DL

Tot Ion: 43 Resp: 426514

Ion Ratio Lower Upper

43 100

72 22.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

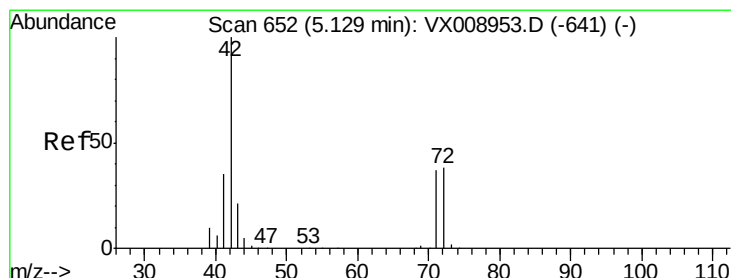
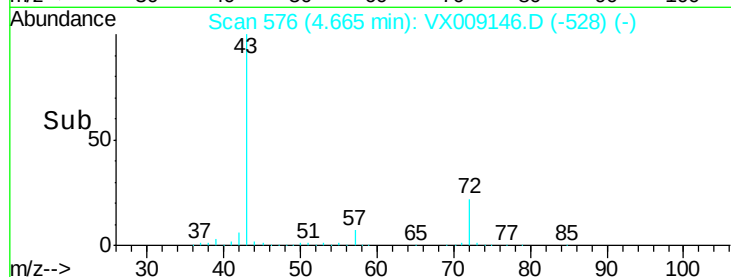
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 220.401 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009146.D

Acq: 24 Apr 2019 16:19

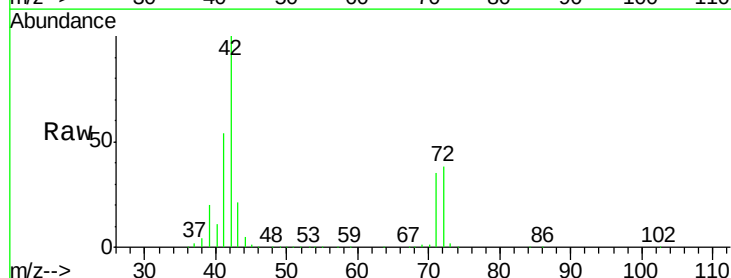
Tgt Ion: 42 Resp: 353812

Ion Ratio Lower Upper

42 100

72 37.2 30.6 45.8

71 34.9 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

5.12

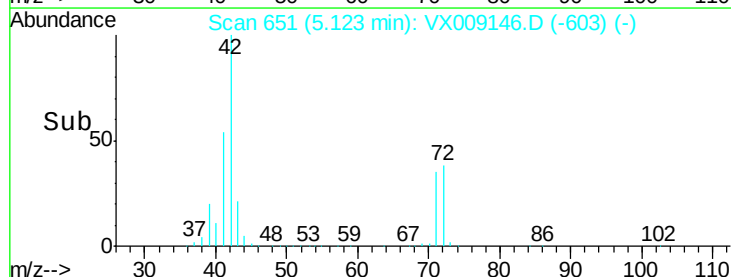
150000

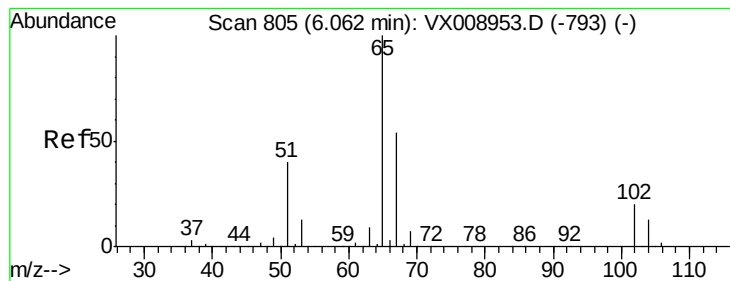
100000

50000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.041 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009146.D

Acq: 24 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

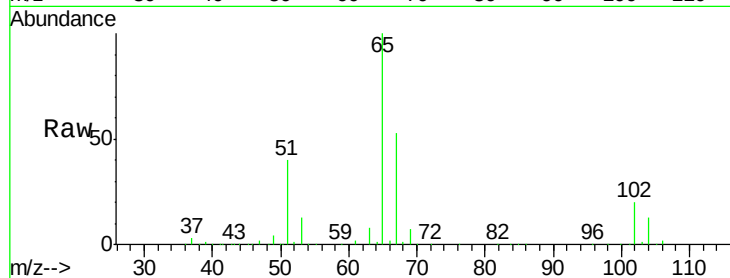
FMI-133DL

Tot Ion: 65 Resp: 136112

Ion Ratio Lower Upper

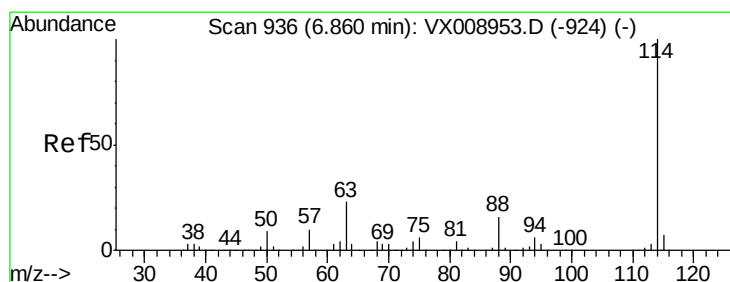
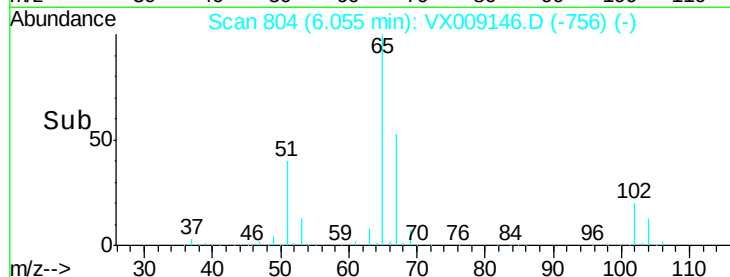
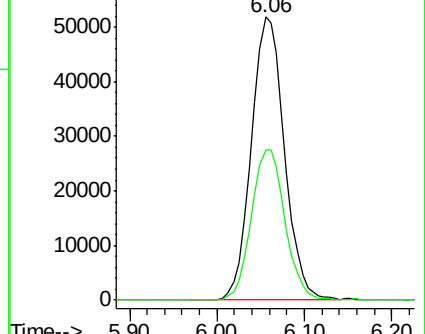
65 100

67 54.0 0.0 108.6



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: VX009146.D

Acq: 24 Apr 2019 16:19

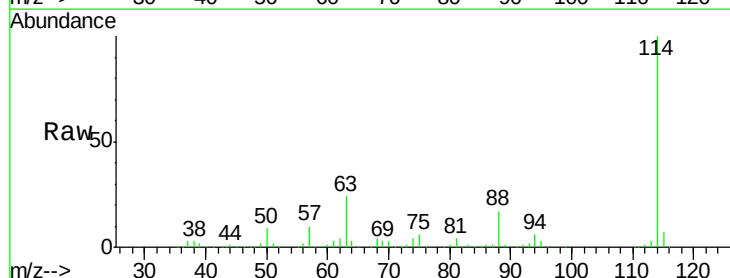
Tgt Ion: 114 Resp: 332013

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.0

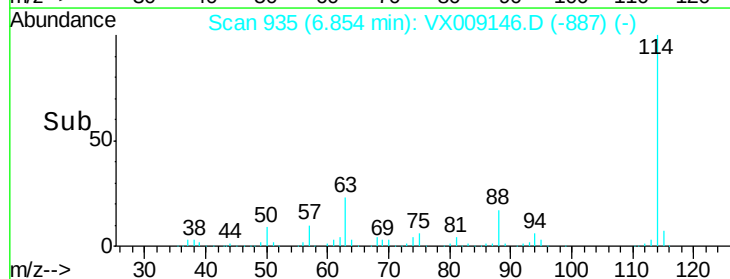
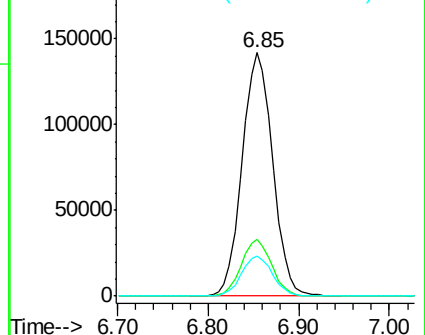
88 16.5 0.0 32.6

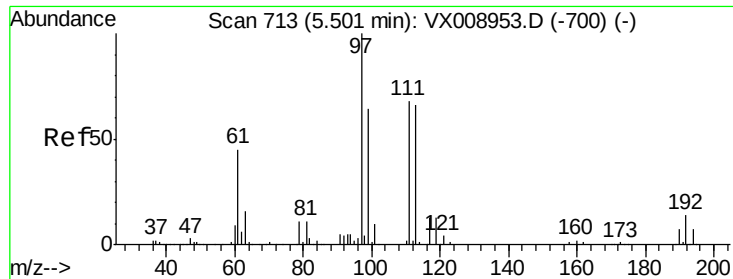


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.501 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009146.D

Acq: 24 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

FMI-133DL

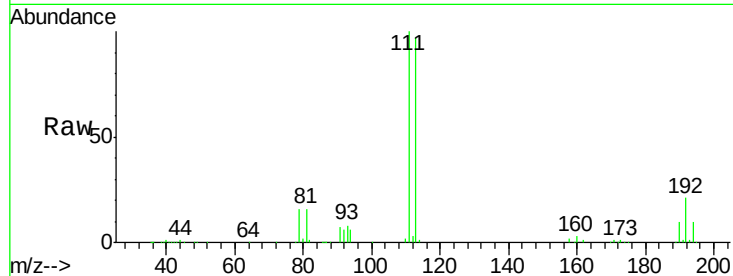
Tot Ion:113 Resp: 101214

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

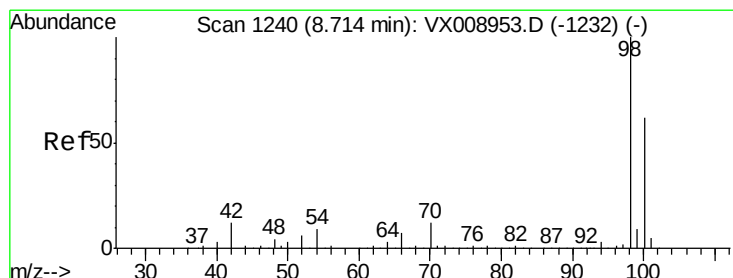
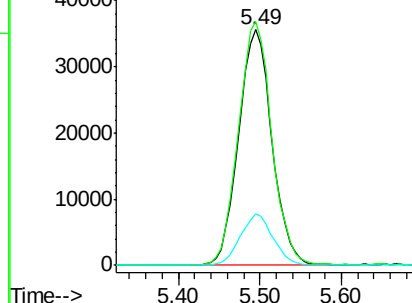
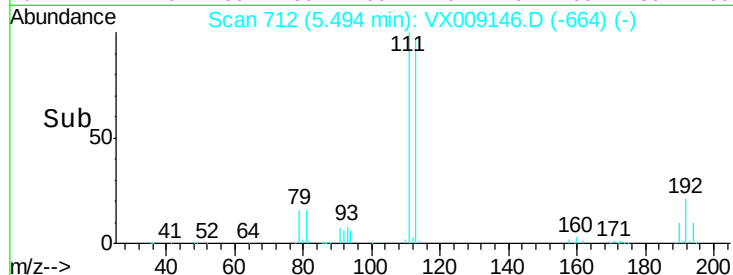
192 21.4 17.4 26.0



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: 47.513 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009146.D

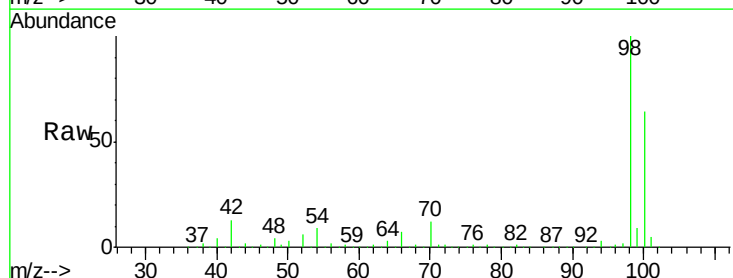
Acq: 24 Apr 2019 16:19

Tgt Ion: 98 Resp: 403746

Ion Ratio Lower Upper

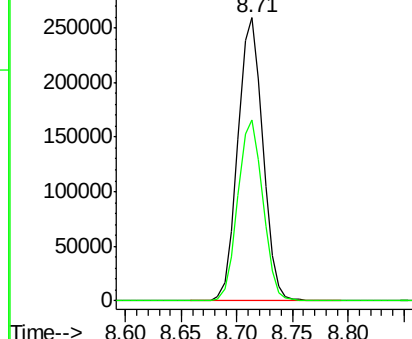
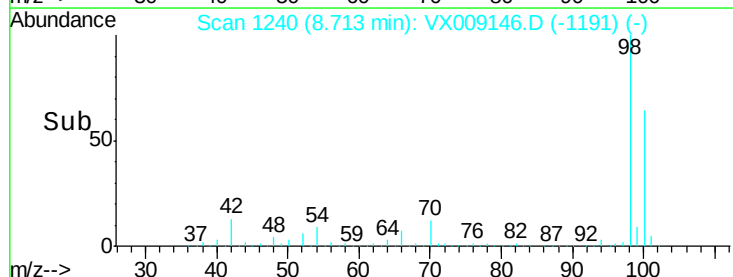
98 100

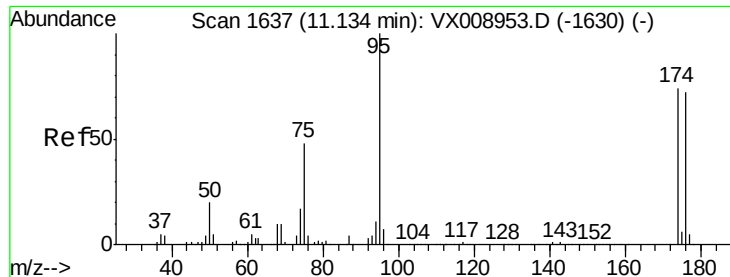
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.782 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009146.D

Acq: 24 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampled :

FMI-133DL

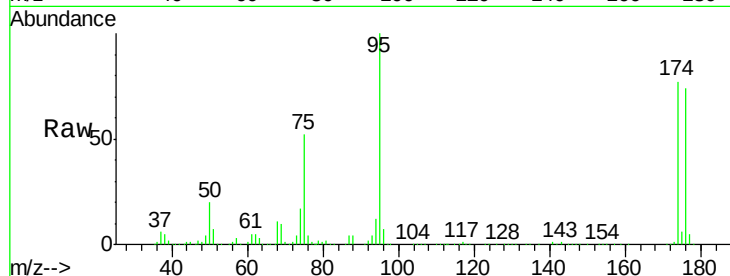
Tot Ion: 95 Resp: 128332

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

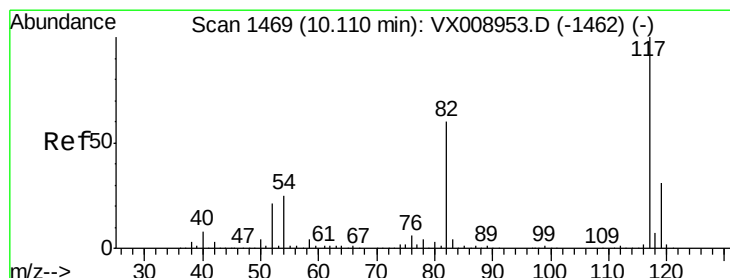
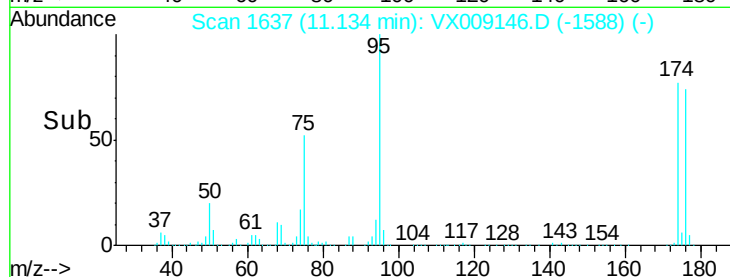
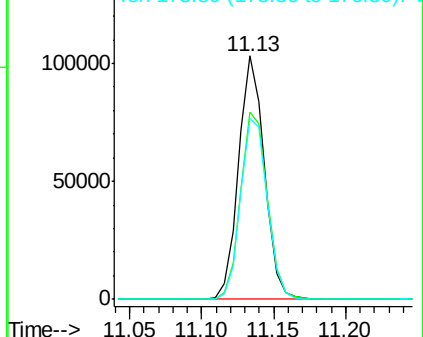
176 77.1 0.0 154.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009146.D

Acq: 24 Apr 2019 16:19

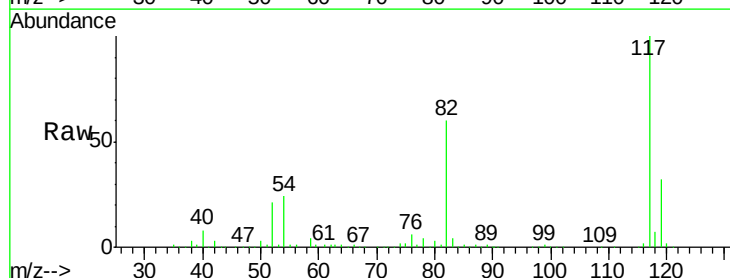
Tgt Ion: 117 Resp: 272748

Ion Ratio Lower Upper

117 100

82 60.5 48.2 72.4

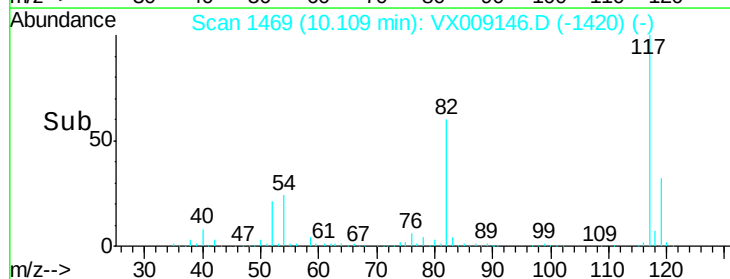
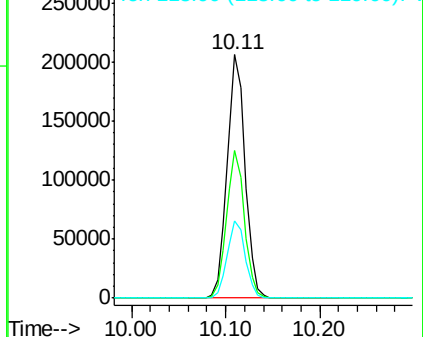
119 31.8 25.0 37.6

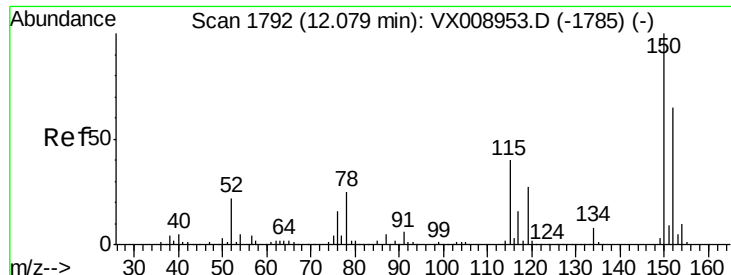


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

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

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

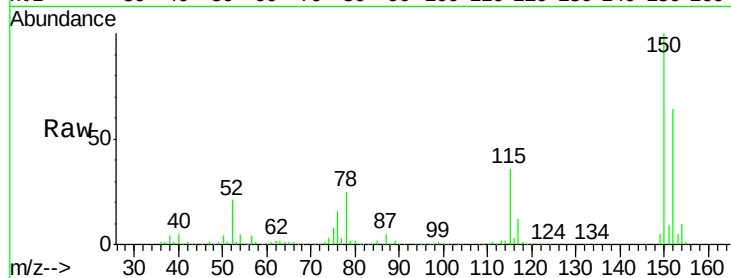




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009146.D
 Acq: 24 Apr 2019 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 FMI-133DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.4	124.2
150	157.3	0.0	349.8



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

