

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
 Data File : VX008437.D
 Acq On : 26 Mar 2019 02:02
 Operator : JC/SP
 Sample : K2059-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Mar 26 07:16:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

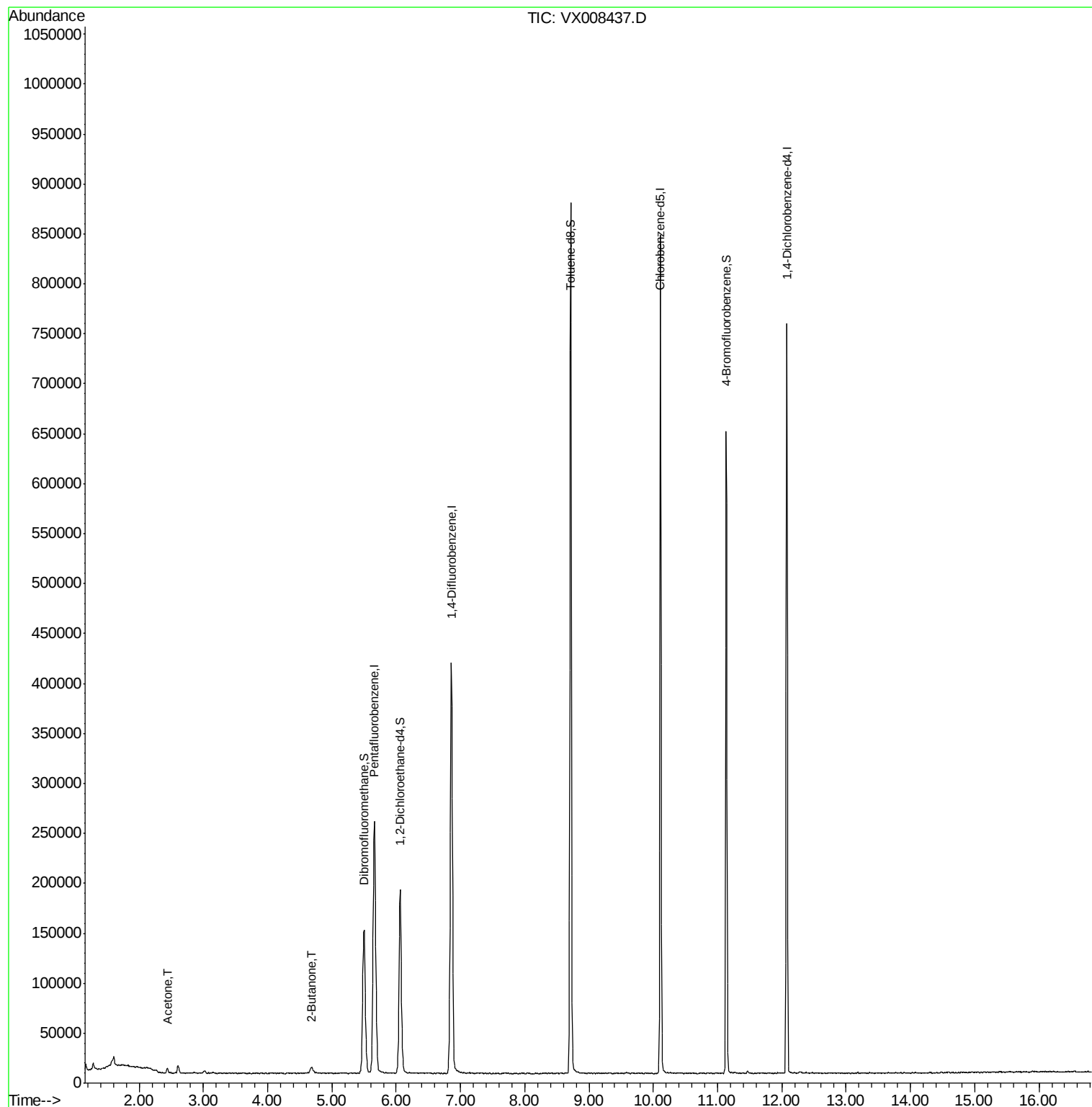
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	349467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	171772	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.50	113	125025	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	508615	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	172545	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
Target Compounds						
16) Acetone	2.44	43	5437	2.891	ug/l	96
25) 2-Butanone	4.68	43	9311	3.088	ug/l	96

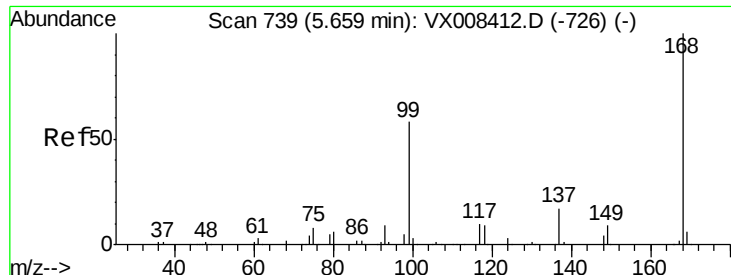
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008437.D

Acq: 26 Mar 2019 02:02

Instrument :

MSVOA_X

ClientSampleId :

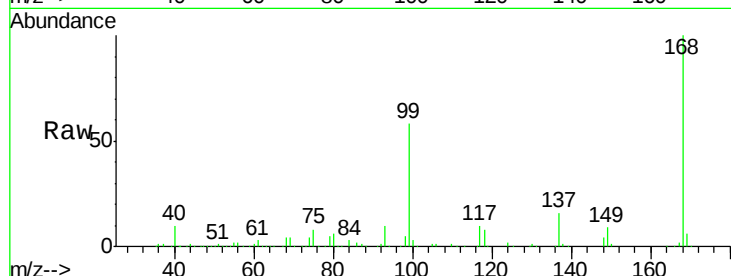
MW-6

Tot Ion:168 Resp: 237372

Ion Ratio Lower Upper

168 100

99 58.4 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

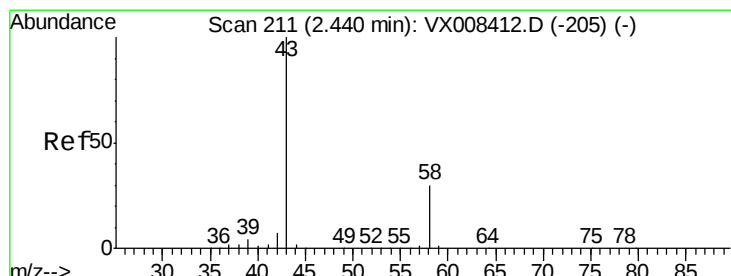
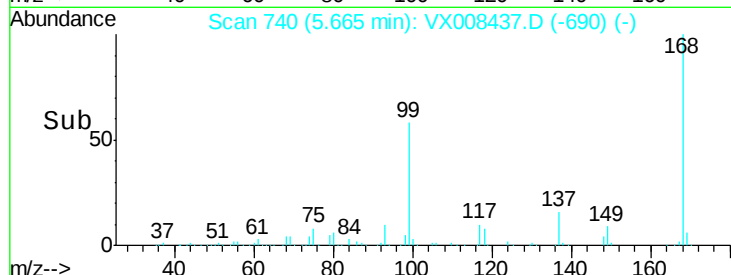
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.891 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008437.D

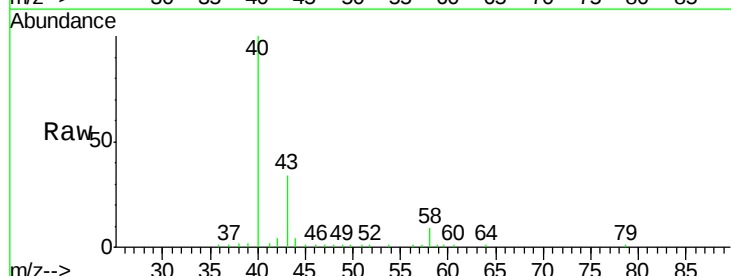
Acq: 26 Mar 2019 02:02

Tgt Ion: 43 Resp: 5437

Ion Ratio Lower Upper

43 100

58 27.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

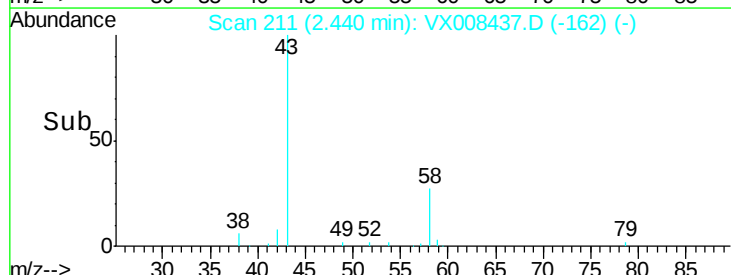
3000

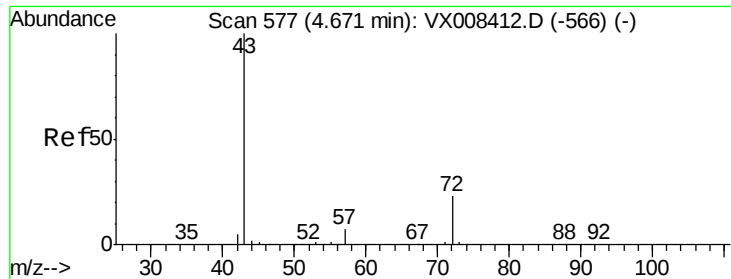
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#25

2-Butanone

Concen: 3.088 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008437.D

Acq: 26 Mar 2019 02:02

Instrument :

MSVOA_X

ClientSampleId :

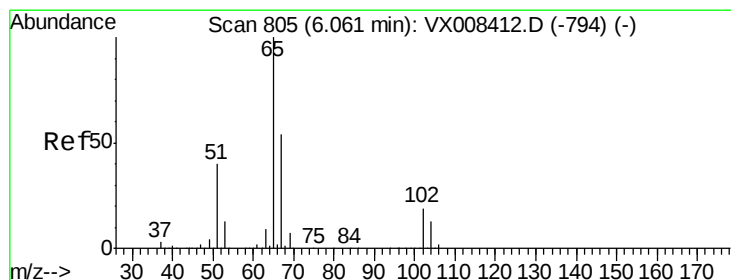
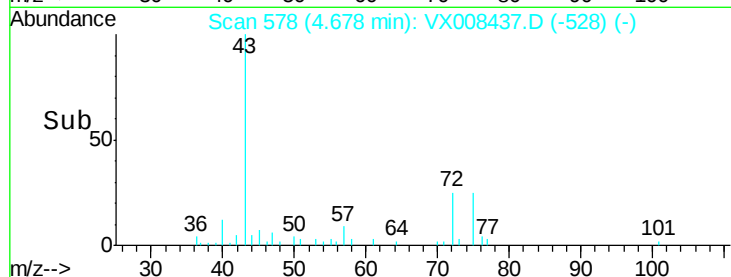
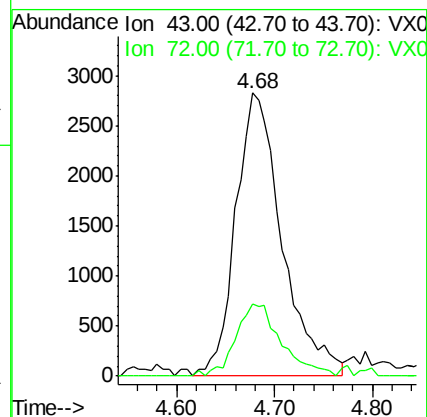
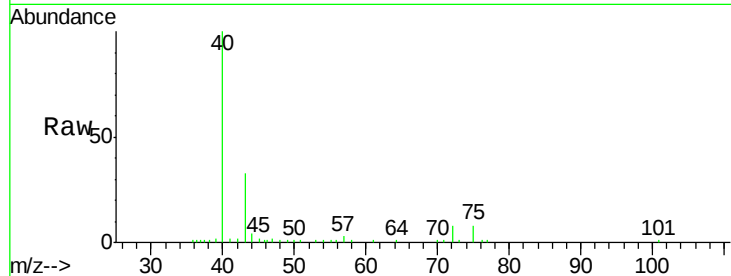
MW-6

Tot Ion: 43 Resp: 9311

Ion Ratio Lower Upper

43 100

72 25.4 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 47.733 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008437.D

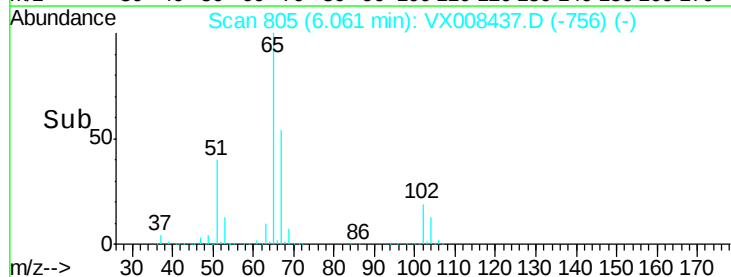
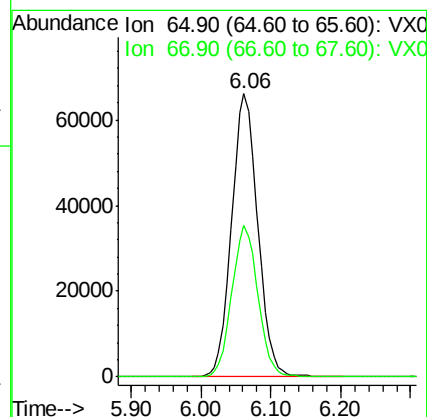
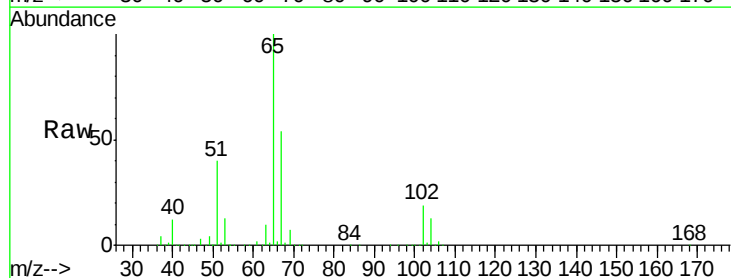
Acq: 26 Mar 2019 02:02

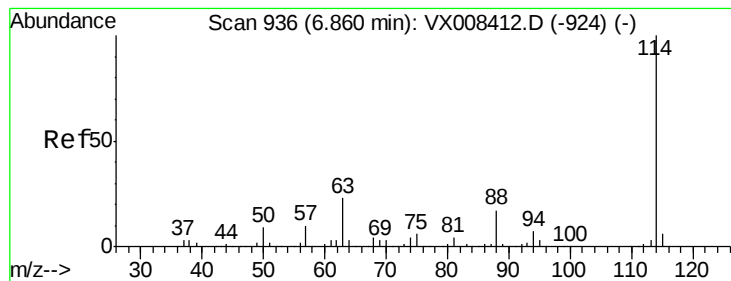
Tgt Ion: 65 Resp: 171772

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008437.D

Acq: 26 Mar 2019 02:02

Instrument :

MSVOA_X

ClientSampleId :

MW-6

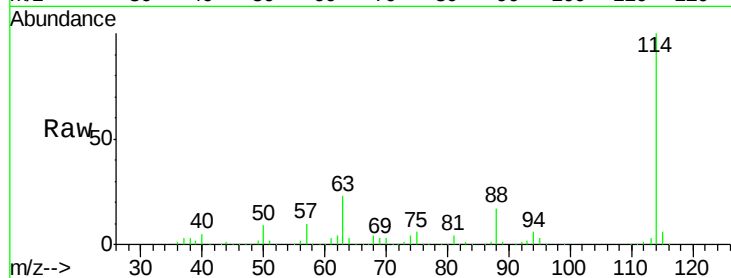
Tot Ion:114 Resp: 405081

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

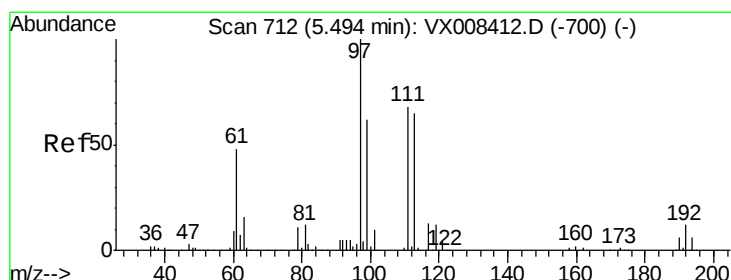
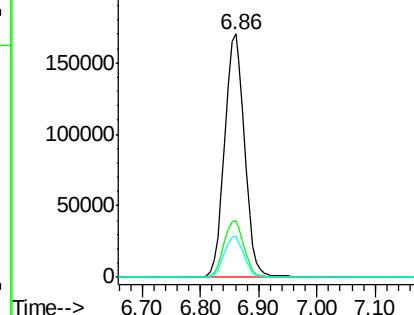
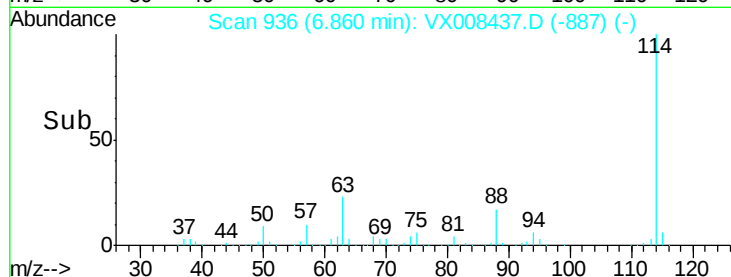
88 17.0 0.0 33.2



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: 47.334 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008437.D

Acq: 26 Mar 2019 02:02

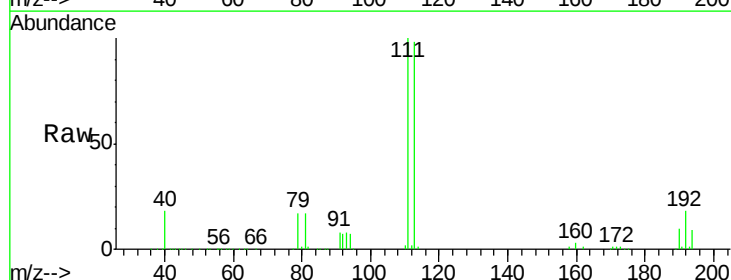
Tgt Ion:113 Resp: 125025

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

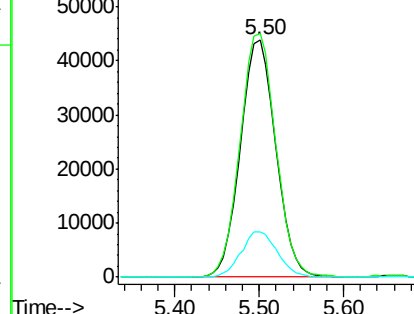
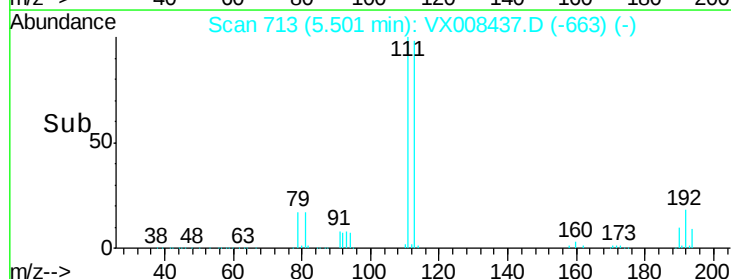
192 19.5 15.6 23.4

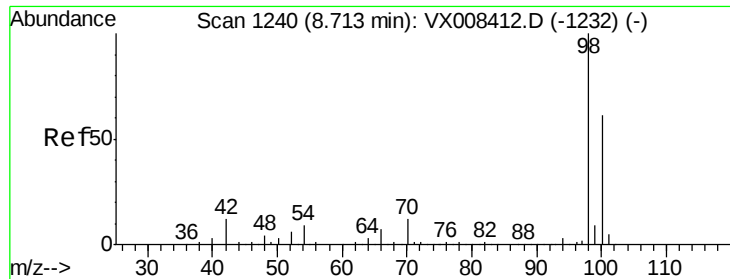


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

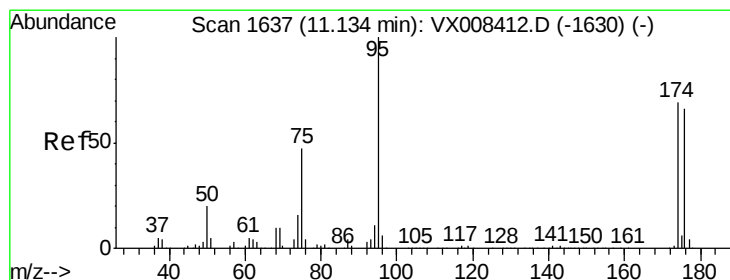
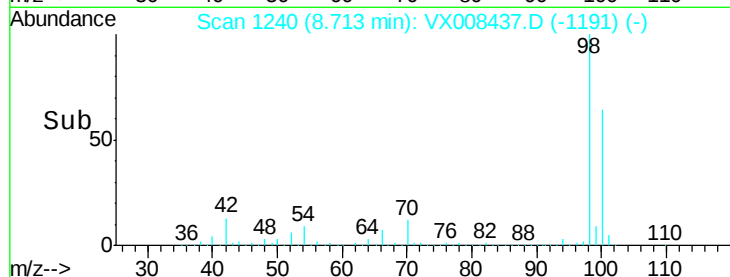
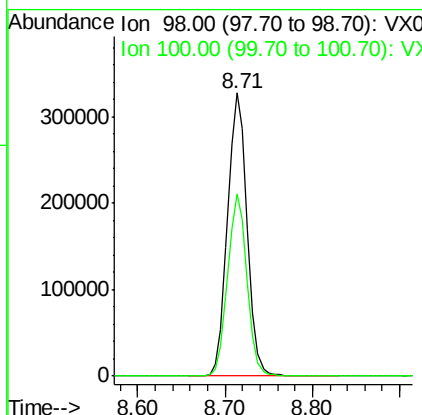
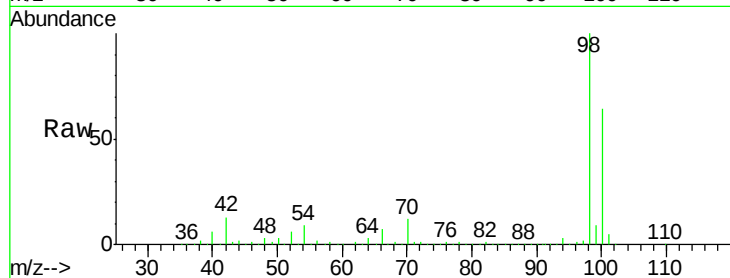




#50
Toluene-d8
Concen: 48.157 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008437.D
Acq: 26 Mar 2019 02:02

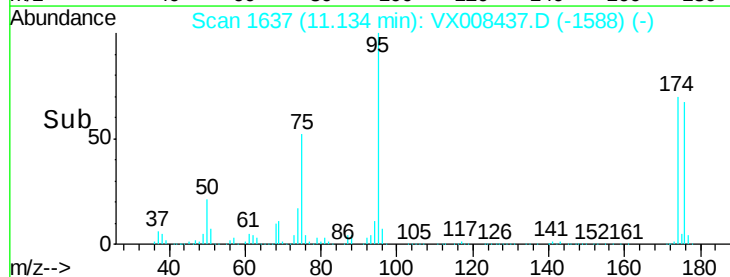
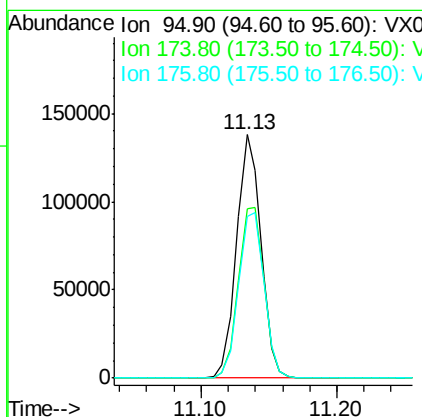
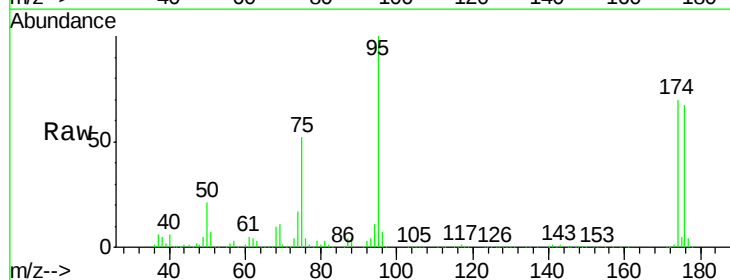
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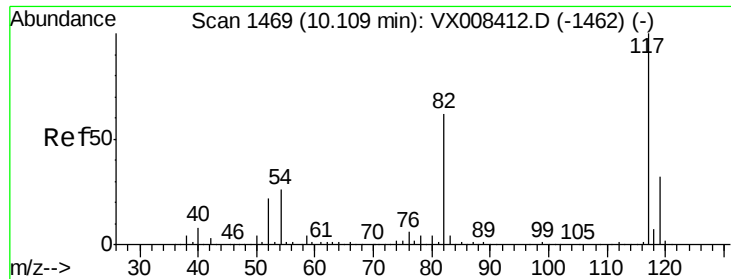
Tot Ion: 98 Resp: 508615
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.087 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008437.D
Acq: 26 Mar 2019 02:02

Tgt Ion: 95 Resp: 172545
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.2
176 71.3 0.0 142.4

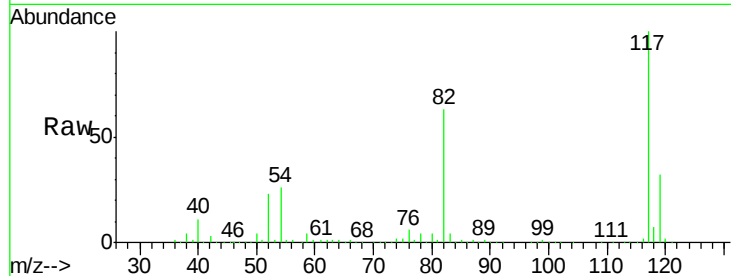




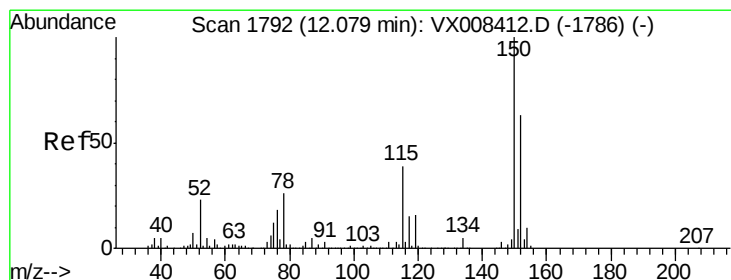
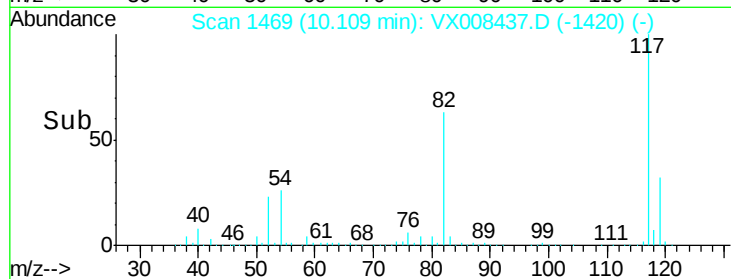
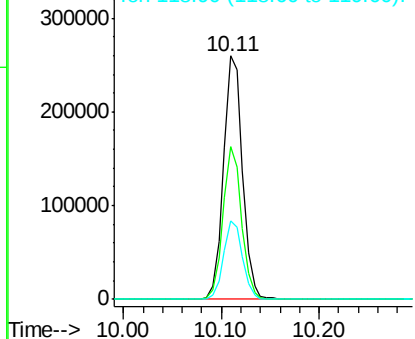
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008437.D
Acq: 26 Mar 2019 02:02

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tot Ion:117 Resp: 349467
Ion Ratio Lower Upper
117 100
82 62.7 49.4 74.2
119 32.3 25.4 38.0

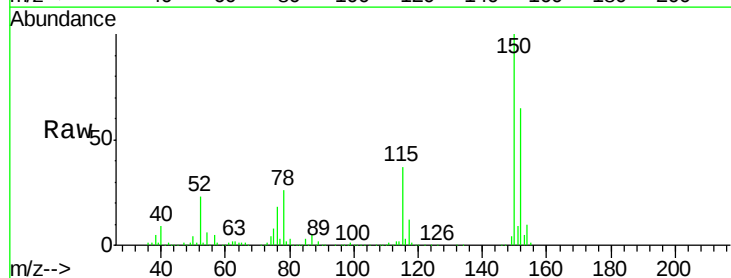


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008437.D
Acq: 26 Mar 2019 02:02

Tgt Ion:152 Resp: 145681
Ion Ratio Lower Upper
152 100
115 60.8 43.5 130.5
150 156.3 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

