

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008832.D
 Acq On : 11 Apr 2019 02:41
 Operator : JC/SP
 Sample : K2200-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-040919-B

Quant Time: Apr 11 08:29:46 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

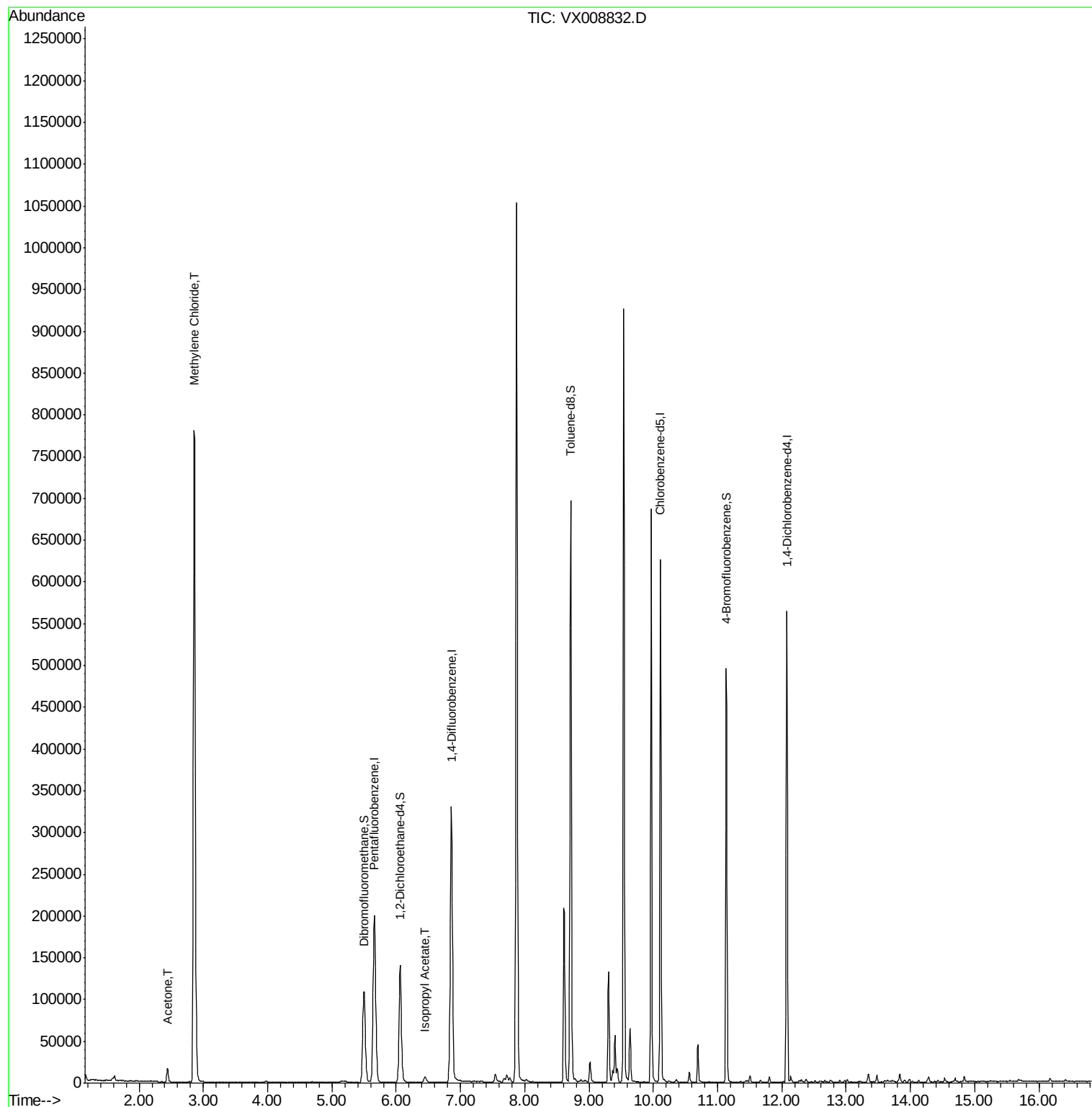
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131385	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	5.50	113	95569	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	8.71	98	401934	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	130826	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
16) Acetone	2.44	43	18409	11.297	ug/l	99
20) Methylene Chloride	2.86	84	368682	135.165	ug/l	99
43) Isopropyl Acetate	6.45	43	10202	1.403	ug/l	98

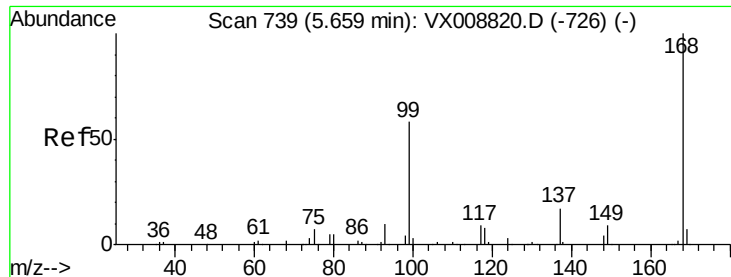
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 740

Delta R.T. 0.01 min

Lab File: VX008832.D

Acq: 11 Apr 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

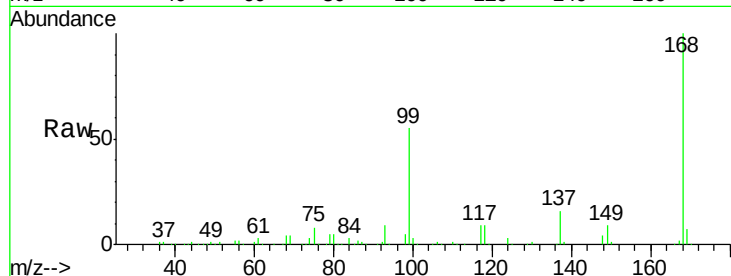
EO-01-040919-B

Tot Ion:168 Resp: 193972

Ion Ratio Lower Upper

168 100

99 54.7 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

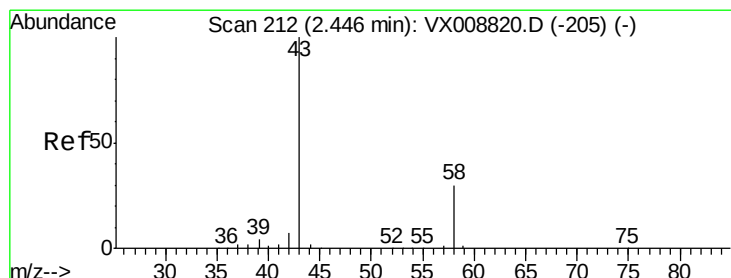
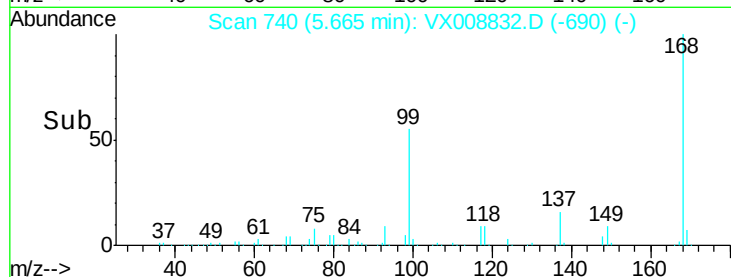
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.297 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008832.D

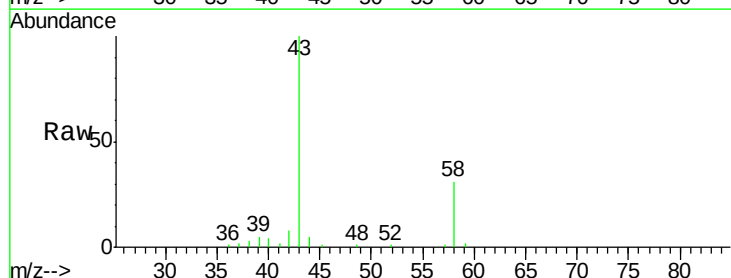
Acq: 11 Apr 2019 02:41

Tgt Ion: 43 Resp: 18409

Ion Ratio Lower Upper

43 100

58 31.4 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

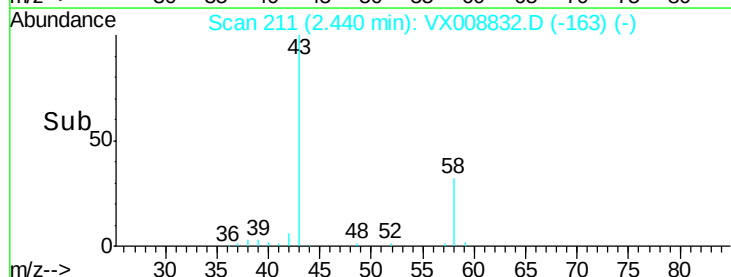
6000

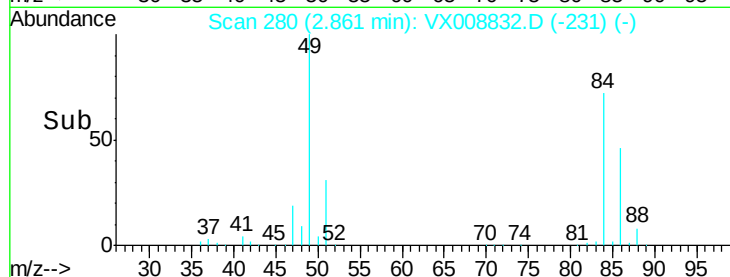
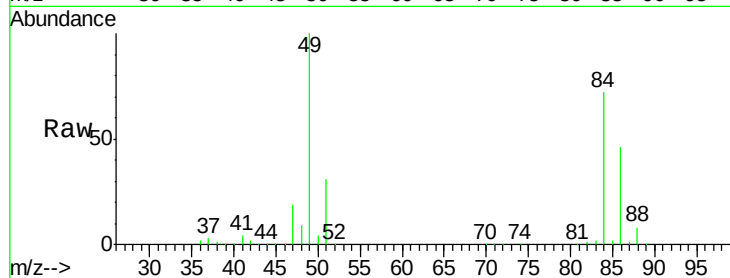
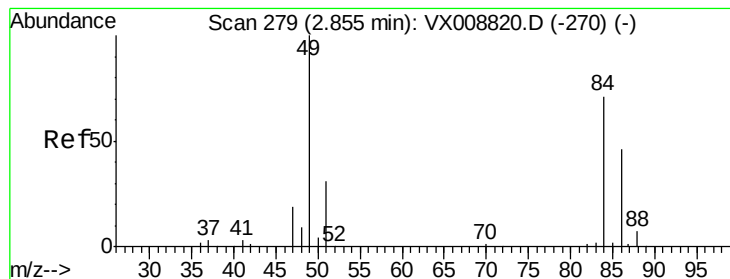
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 135.165 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008832.D

Acq: 11 Apr 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

EO-01-040919-B

Tot Ion: 84 Resp: 368682

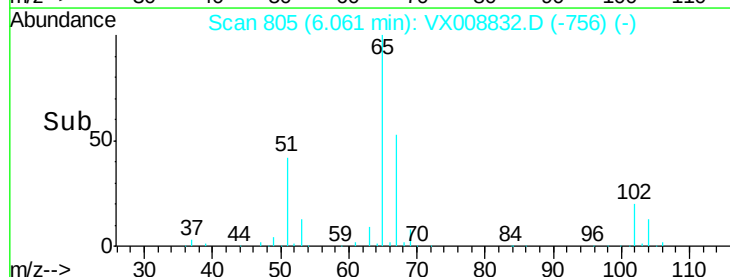
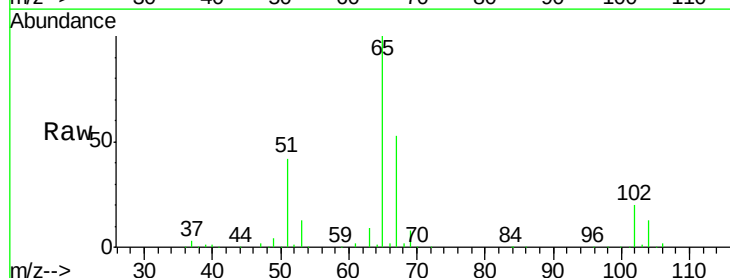
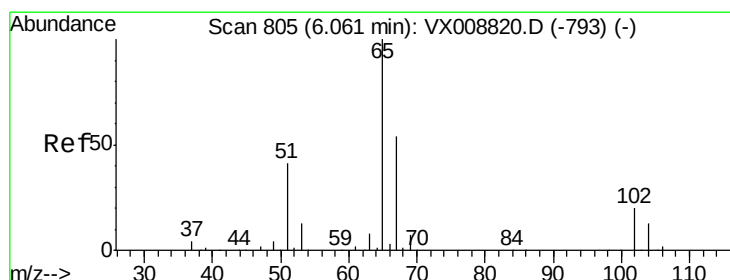
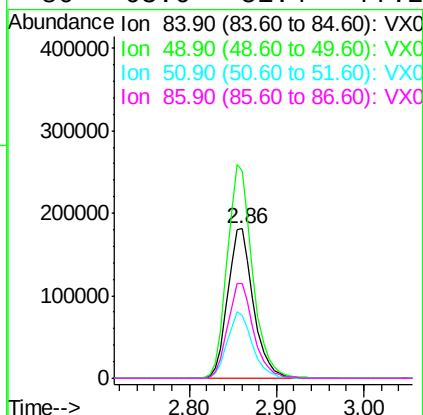
Ion Ratio Lower Upper

84 100

49 138.6 109.7 164.5

51 42.4 33.6 50.4

86 63.6 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 46.439 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008832.D

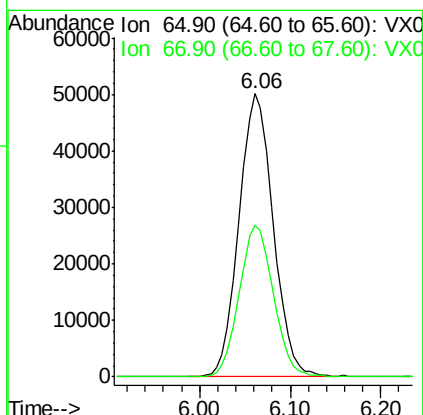
Acq: 11 Apr 2019 02:41

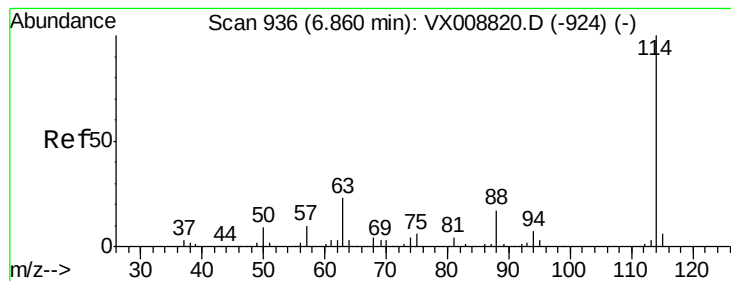
Tgt Ion: 65 Resp: 131385

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008832.D

Acq: 11 Apr 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

EO-01-040919-B

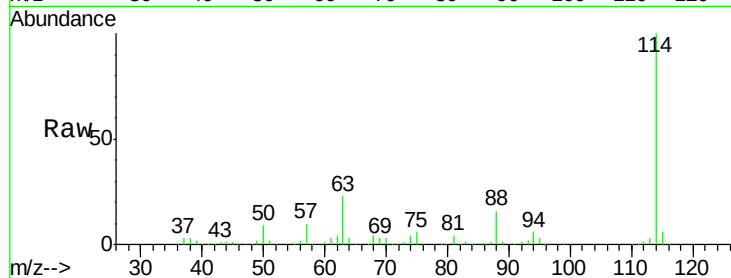
Tot Ion:114 Resp: 318217

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

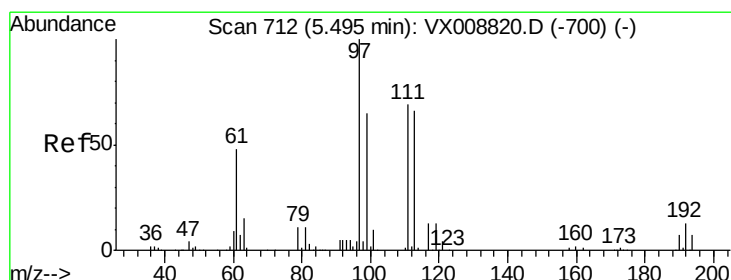
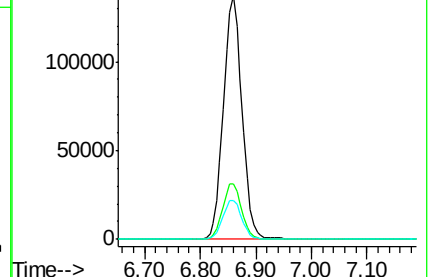
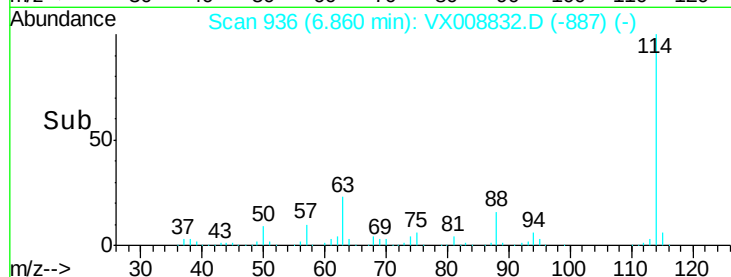
88 16.1 0.0 34.0



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: 46.973 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008832.D

Acq: 11 Apr 2019 02:41

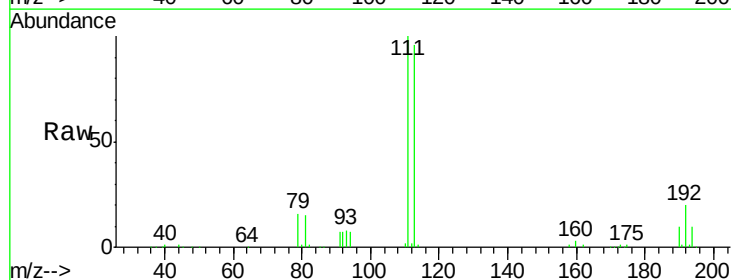
Tgt Ion:113 Resp: 95569

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

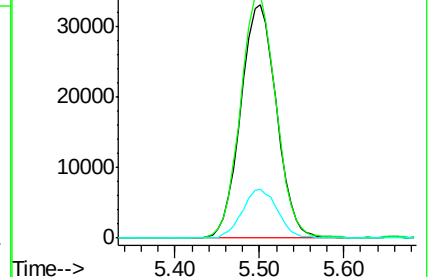
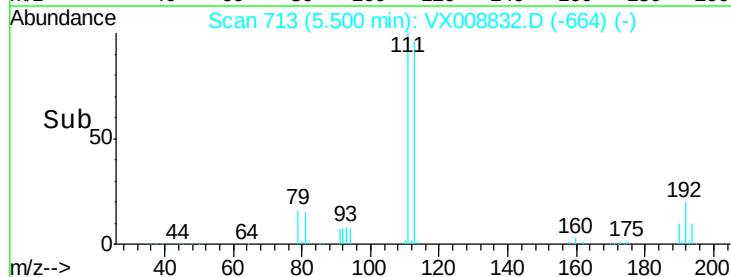
192 20.8 16.1 24.1

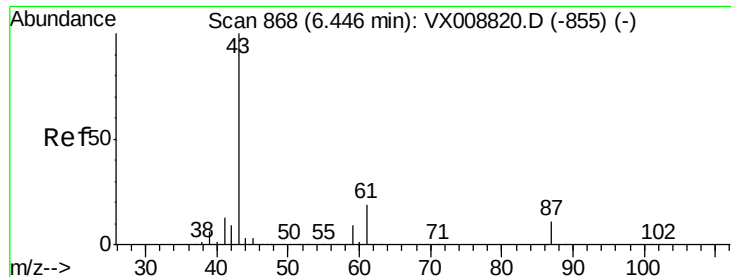


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.403 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008832.D

Acq: 11 Apr 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

EO-01-040919-B

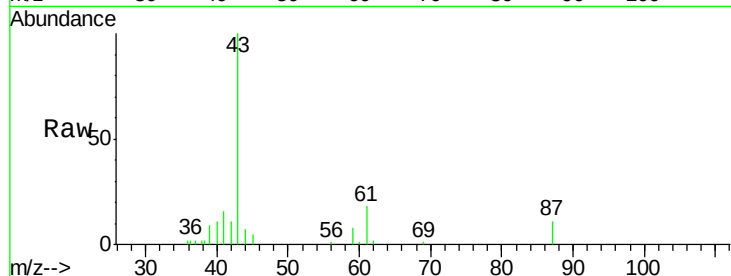
Tot Ion: 43 Resp: 10202

Ion Ratio Lower Upper

43 100

61 20.4 15.3 22.9

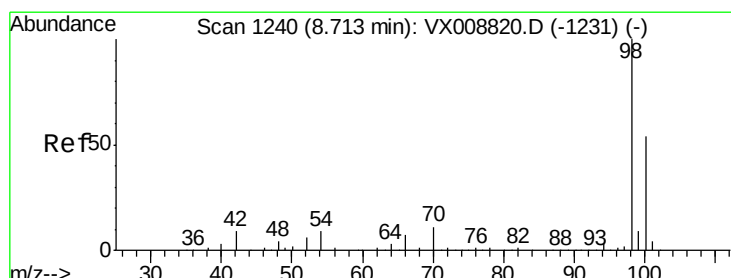
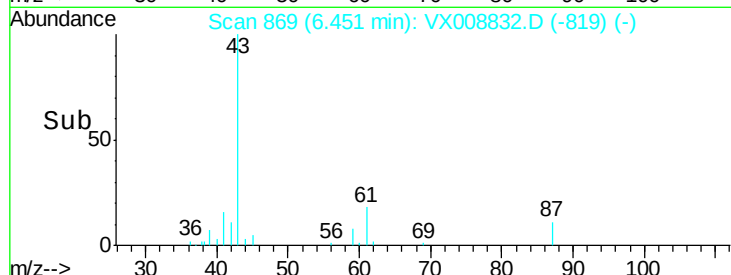
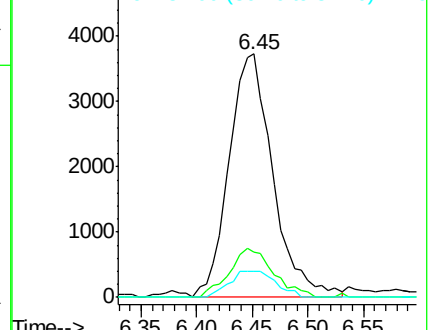
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.615 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008832.D

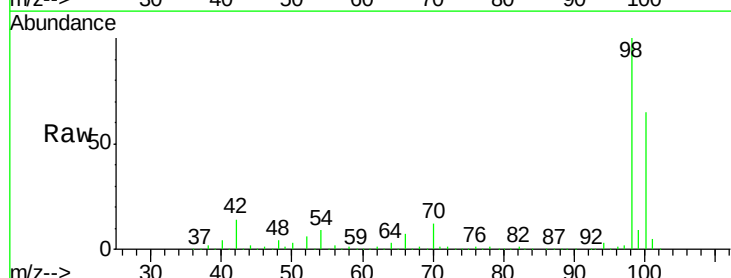
Acq: 11 Apr 2019 02:41

Tgt Ion: 98 Resp: 401934

Ion Ratio Lower Upper

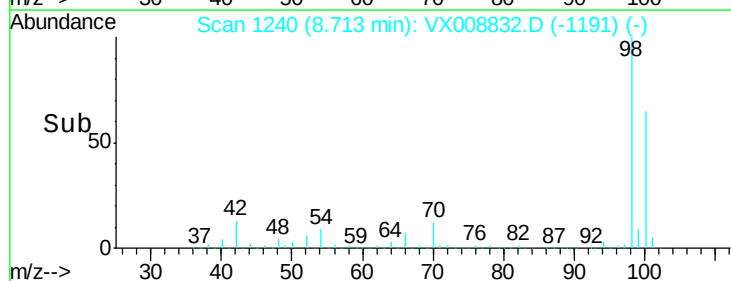
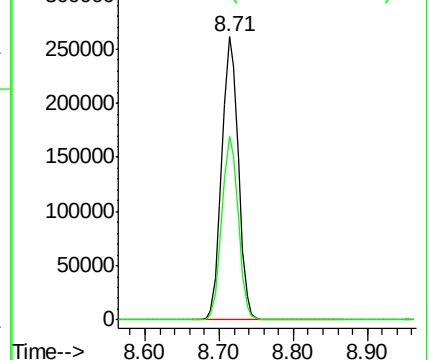
98 100

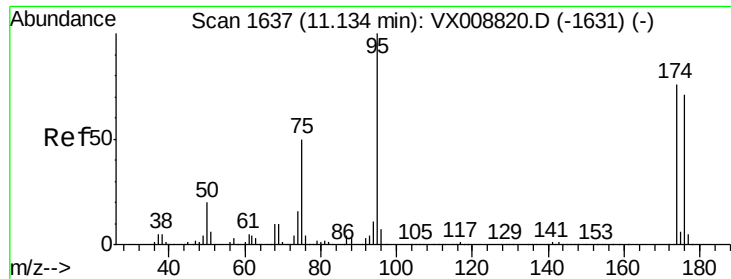
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.540 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008832.D

Acq: 11 Apr 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

EO-01-040919-B

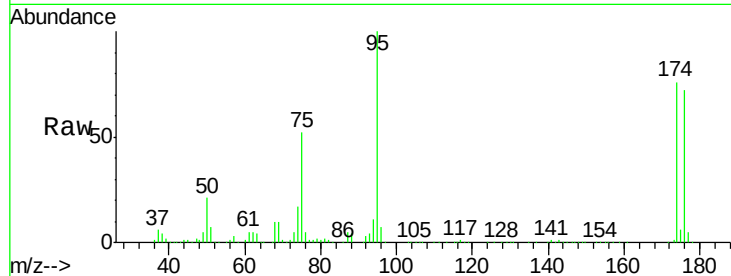
Tot Ion: 95 Resp: 130826

Ion Ratio Lower Upper

95 100

174 79.5 0.0 151.8

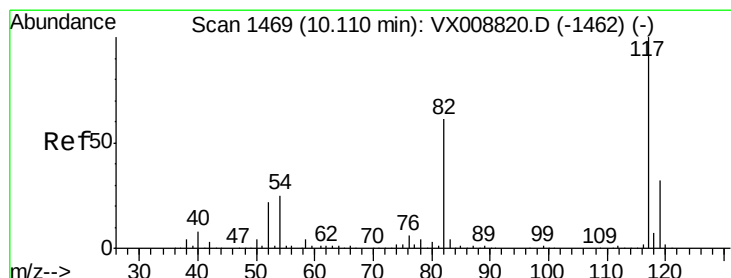
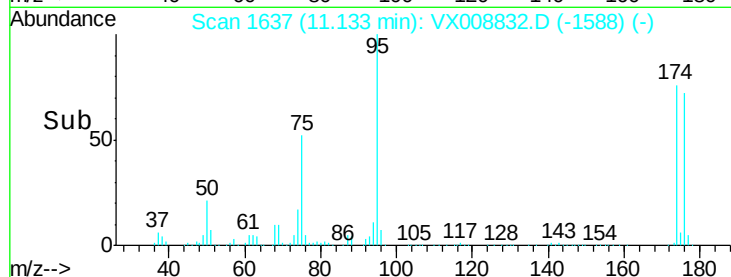
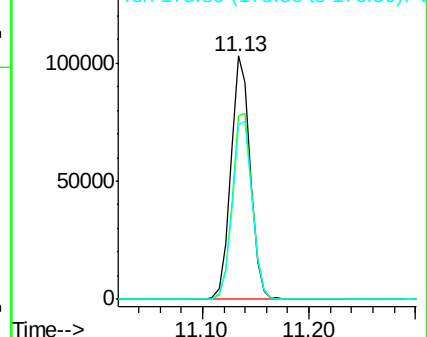
176 75.7 0.0 145.8



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: VX008832.D

Acq: 11 Apr 2019 02:41

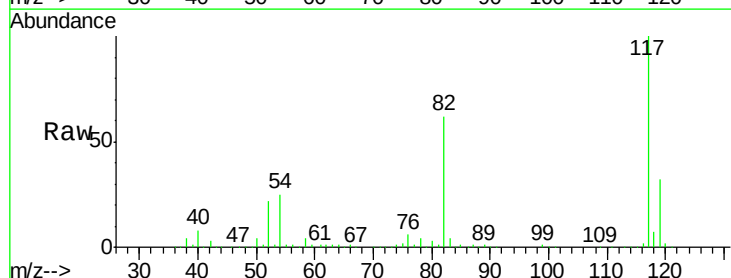
Tgt Ion: 117 Resp: 273944

Ion Ratio Lower Upper

117 100

82 62.0 49.6 74.4

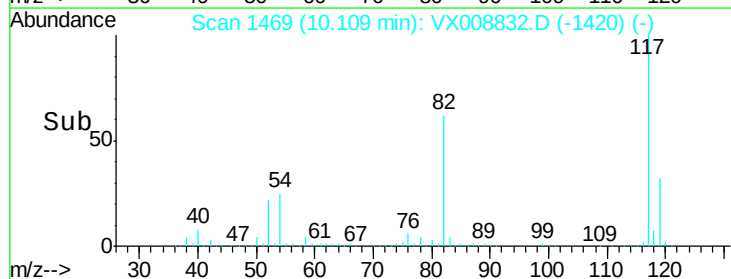
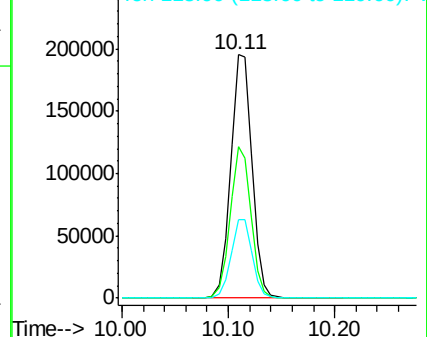
119 32.3 25.0 37.4

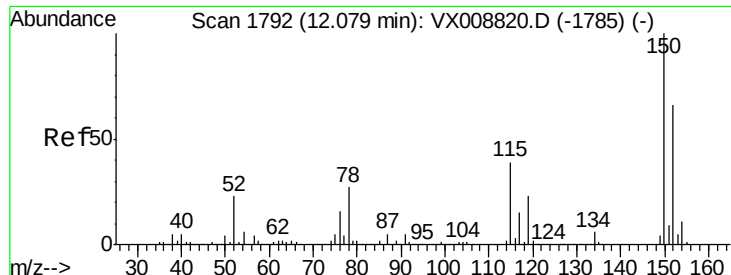


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)



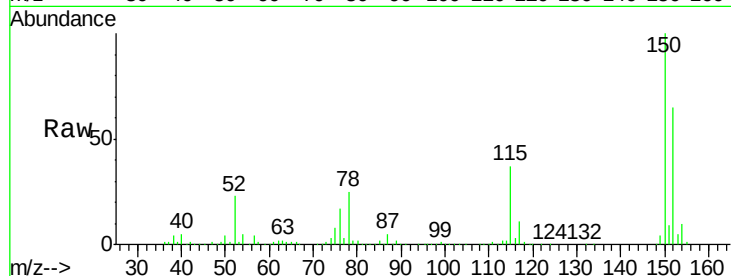


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008832.D
 Acq: 11 Apr 2019 02:41

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-040919-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	43.5	130.5
150	155.4	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

