

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008839.D
 Acq On : 11 Apr 2019 05:24
 Operator : JC/SP
 Sample : K2342-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12-D

Quant Time: Apr 11 08:59:07 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

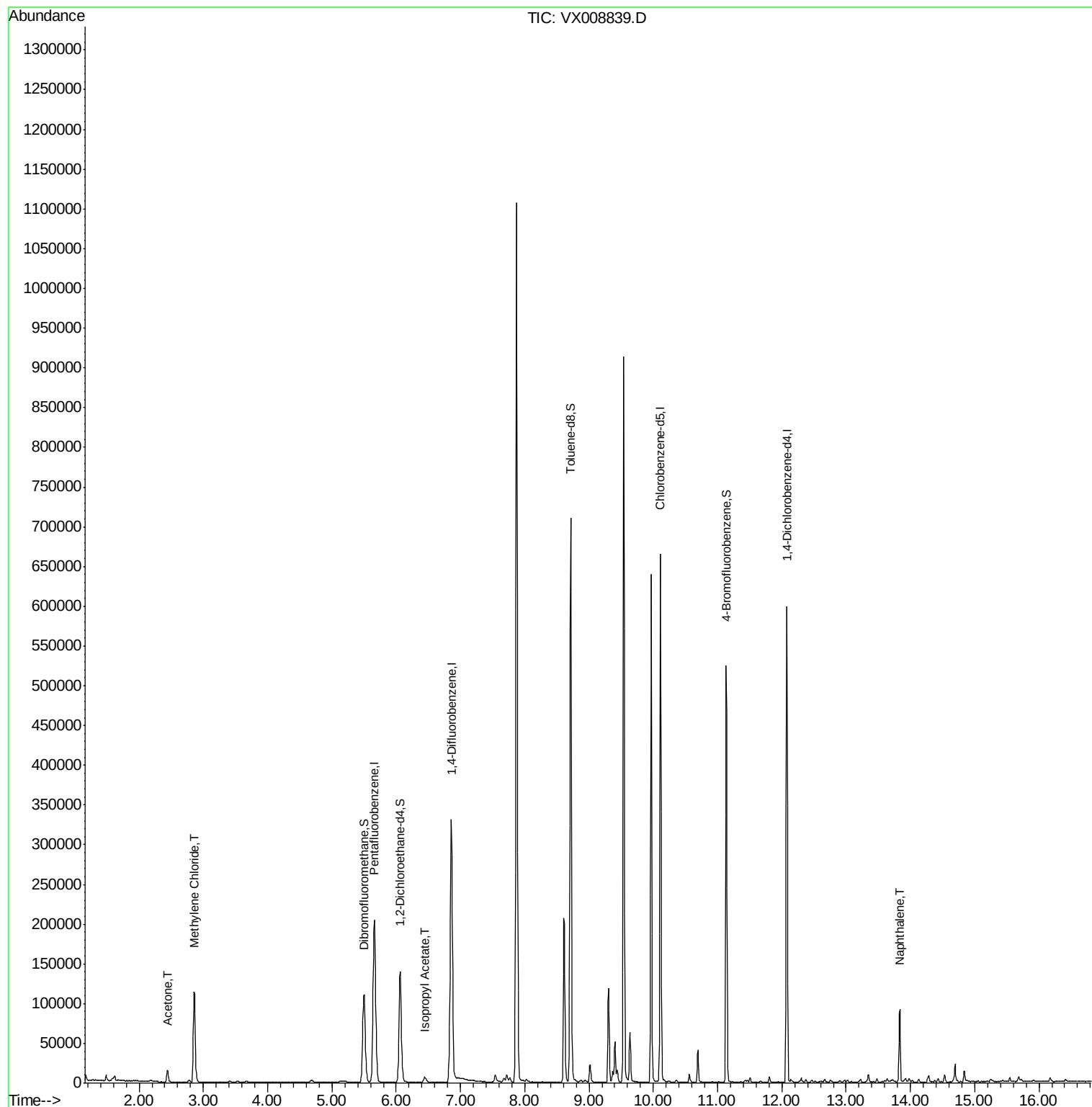
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	199772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	132167	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
35) Dibromofluoromethane	5.50	113	96541	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.71	98	406769	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	137748	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	2.44	43	17084	10.180	ug/l	95
20) Methylene Chloride	2.85	84	53356	18.993	ug/l	97
43) Isopropyl Acetate	6.45	43	10479	1.432	ug/l	99
95) Naphthalene	13.83	128	55733	5.513	ug/l	99

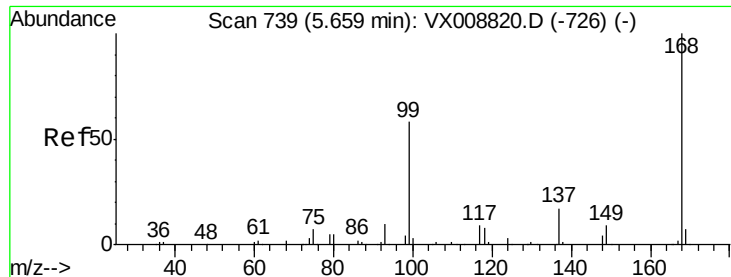
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 739

Delta R.T. -0.00 min

Lab File: VX008839.D

Acq: 11 Apr 2019 05:24

Instrument :

MSVOA_X

ClientSampleId :

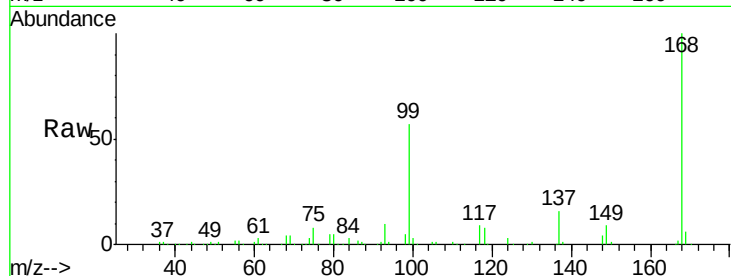
TP-12-D

Tot Ion:168 Resp: 199772

Ion Ratio Lower Upper

168 100

99 57.0 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

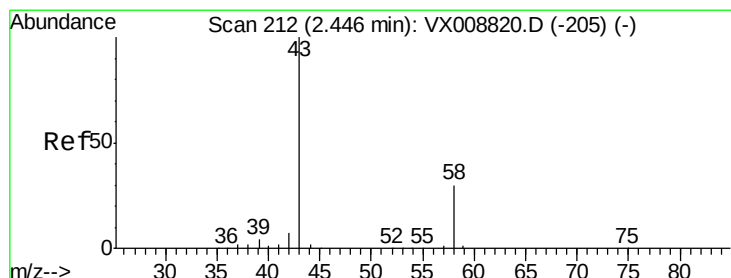
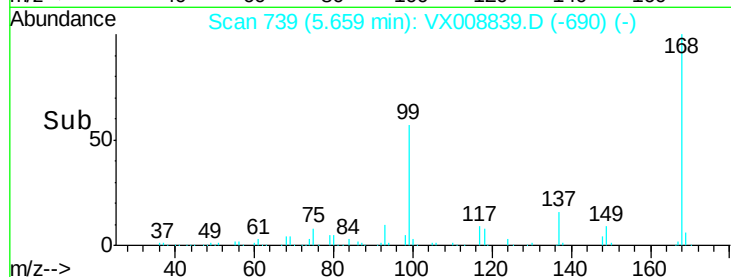
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.180 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008839.D

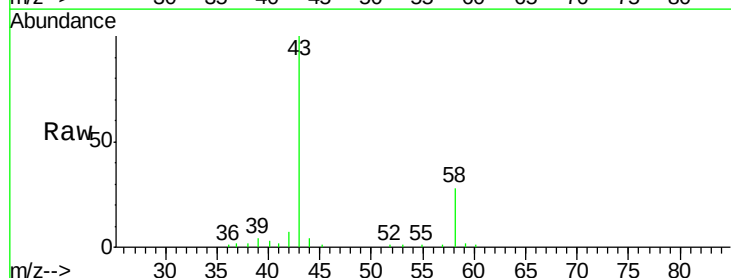
Acq: 11 Apr 2019 05:24

Tgt Ion: 43 Resp: 17084

Ion Ratio Lower Upper

43 100

58 28.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

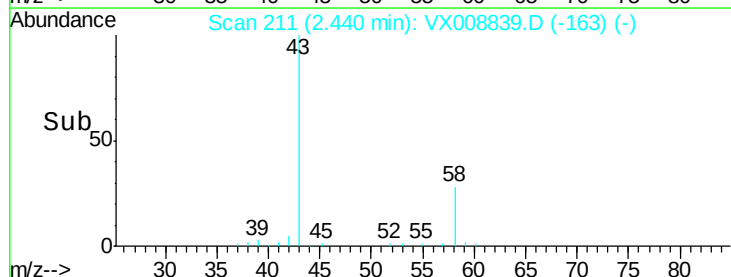
6000

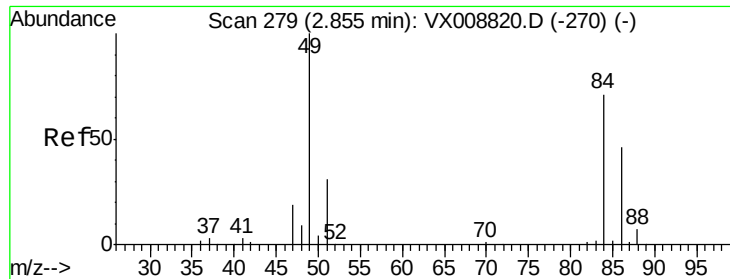
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

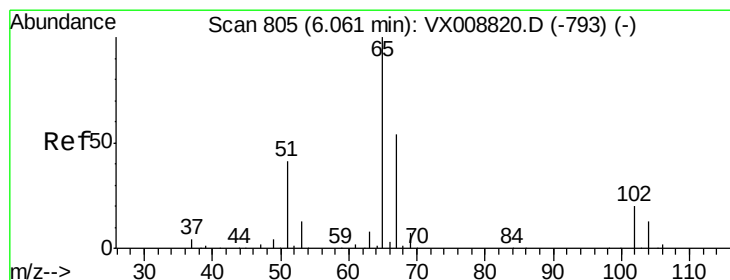
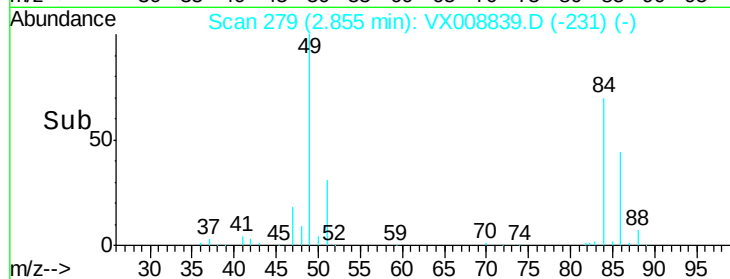
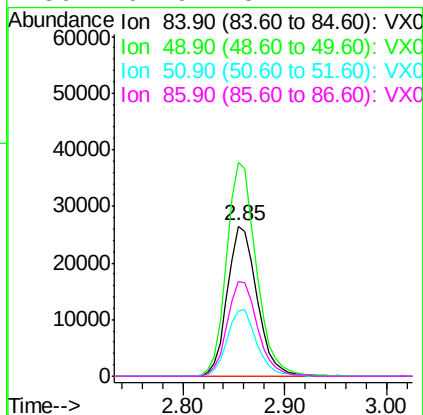
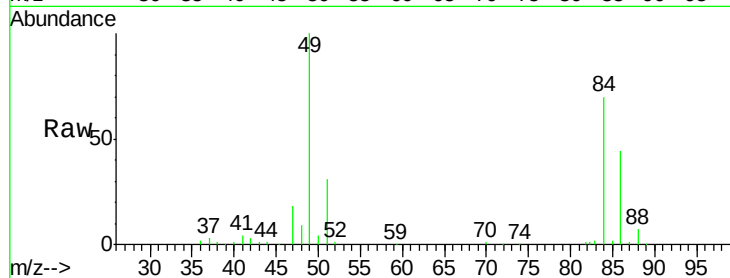




#20
Methylene Chloride
Concen: 18.993 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008839.D
Acq: 11 Apr 2019 05:24

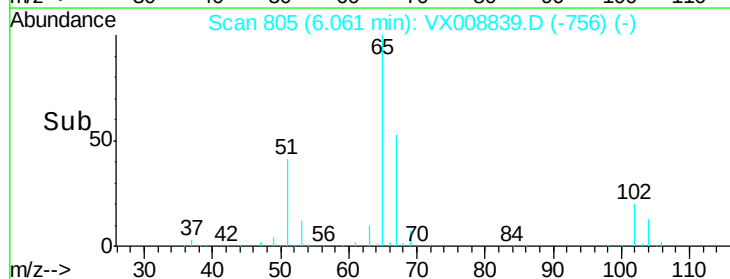
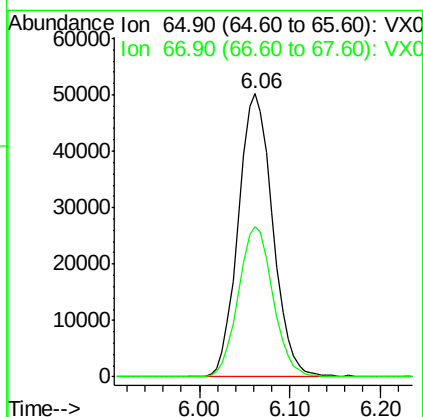
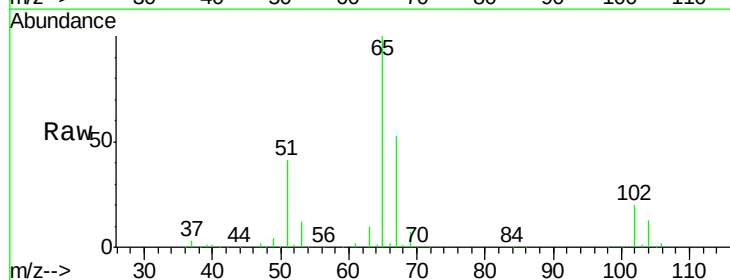
Instrument :
MSVOA_X
ClientSampleId :
TP-12-D

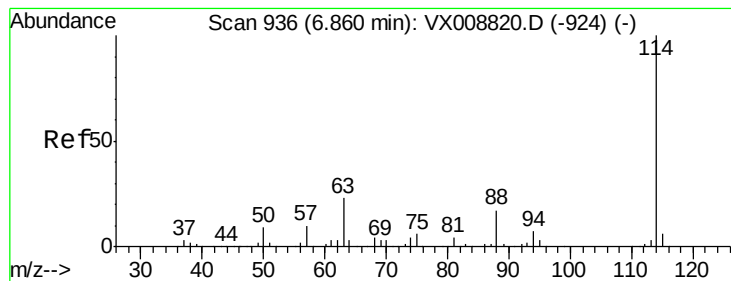
Tot Ion: 84 Resp: 53356
Ion Ratio Lower Upper
84 100
49 142.2 109.7 164.5
51 43.6 33.6 50.4
86 62.9 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 45.359 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008839.D
Acq: 11 Apr 2019 05:24

Tgt Ion: 65 Resp: 132167
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: VX008839.D

Acq: 11 Apr 2019 05:24

Instrument :

MSVOA_X

ClientSampleId :

TP-12-D

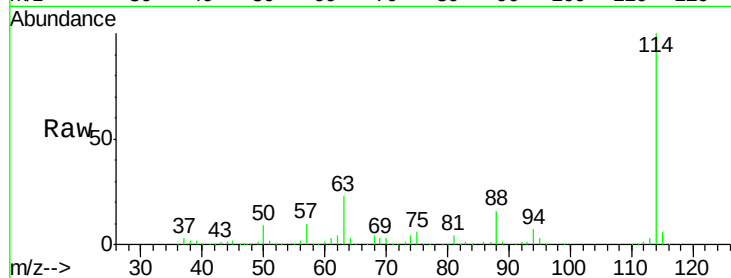
Tot Ion:114 Resp: 320216

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.2

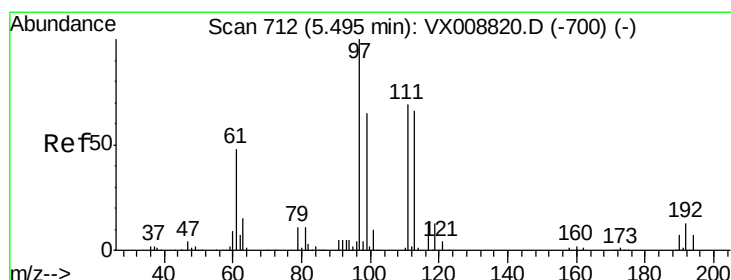
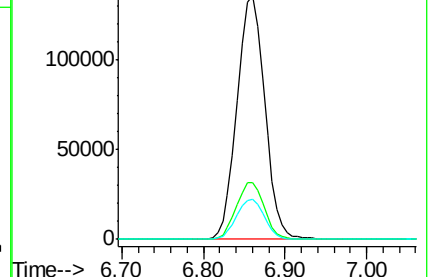
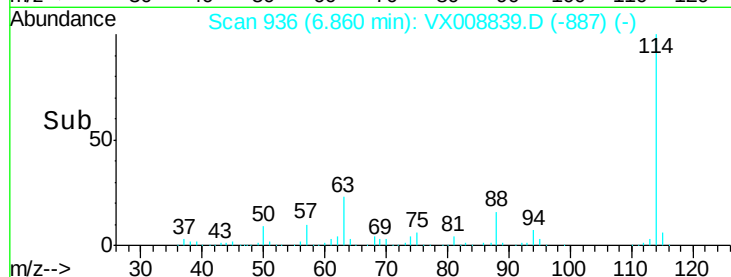
88 16.3 0.0 34.0



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: 47.154 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008839.D

Acq: 11 Apr 2019 05:24

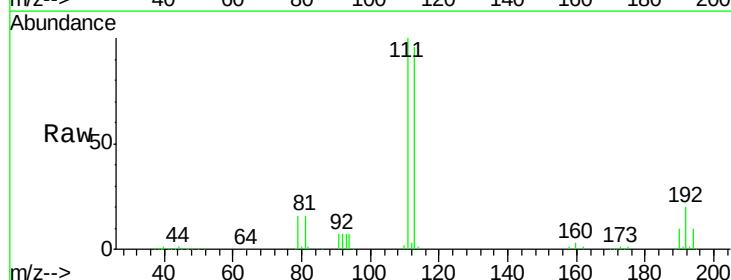
Tgt Ion:113 Resp: 96541

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

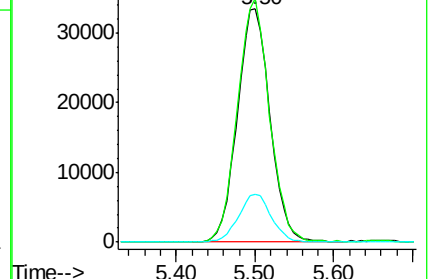
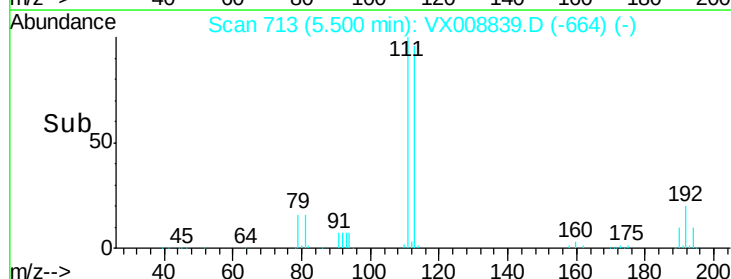
192 20.6 16.1 24.1

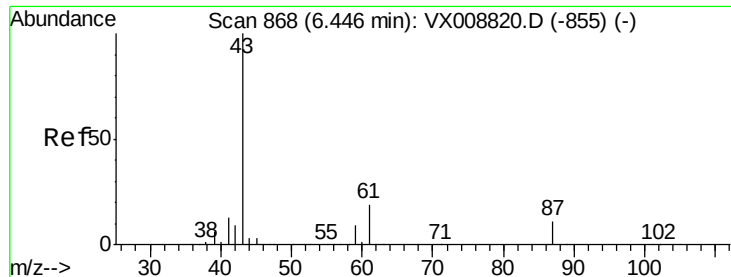


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.432 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008839.D

Acq: 11 Apr 2019 05:24

Instrument :

MSVOA_X

ClientSampled :

TP-12-D

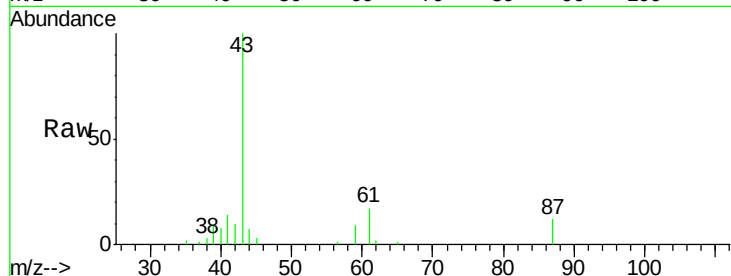
Tot Ion: 43 Resp: 10479

Ion Ratio Lower Upper

43 100

61 19.9 15.3 22.9

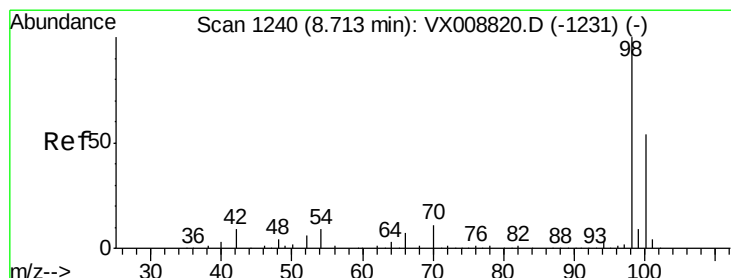
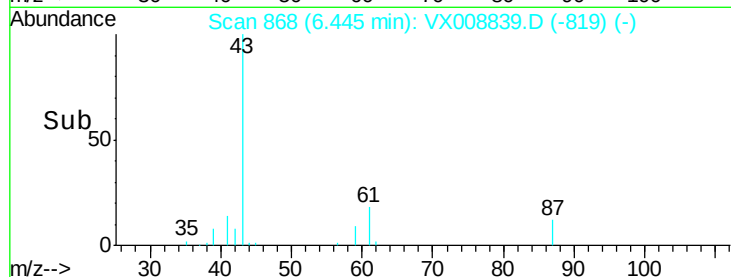
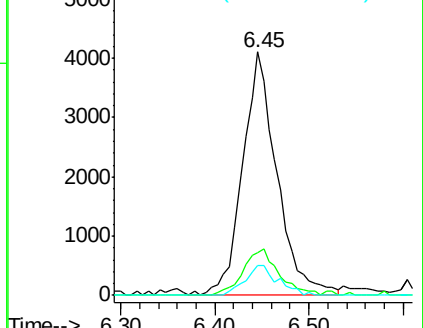
87 11.7 9.0 13.6



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: 49.898 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008839.D

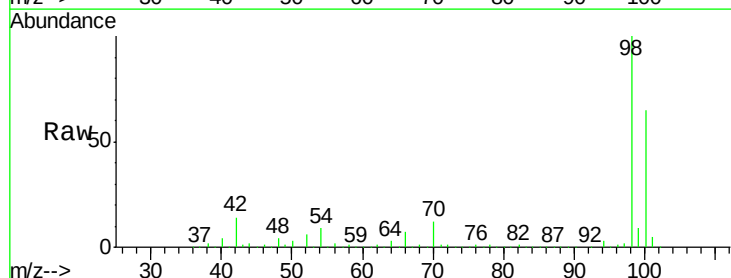
Acq: 11 Apr 2019 05:24

Tgt Ion: 98 Resp: 406769

Ion Ratio Lower Upper

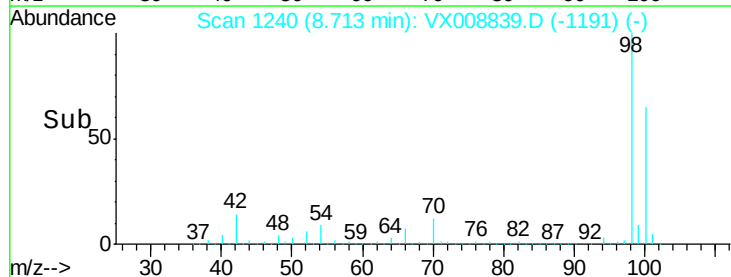
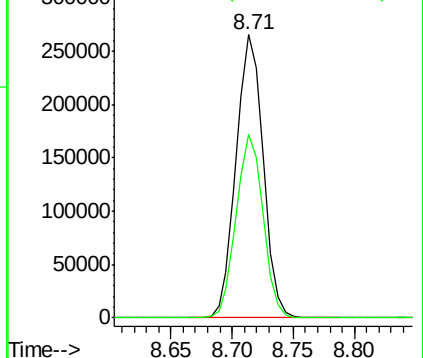
98 100

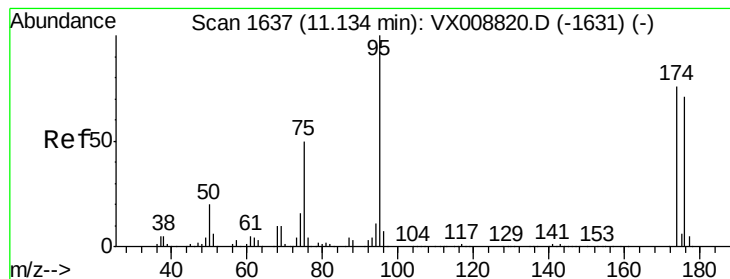
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.650 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008839.D

Acq: 11 Apr 2019 05:24

Instrument :

MSVOA_X

ClientSampleId :

TP-12-D

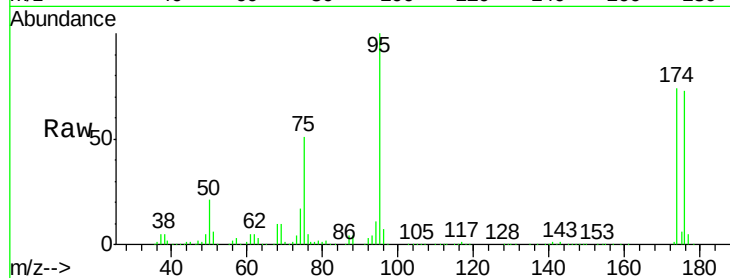
Tot Ion: 95 Resp: 137748

Ion Ratio Lower Upper

95 100

174 78.9 0.0 151.8

176 76.8 0.0 145.8

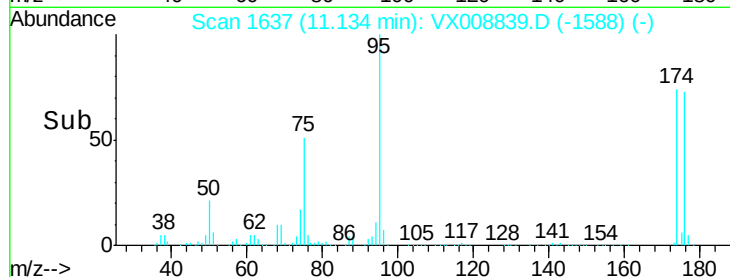


Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)

Time-->

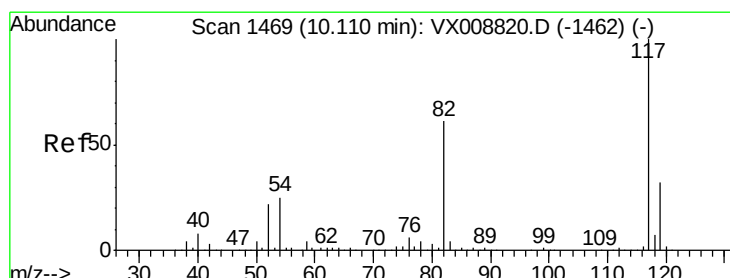


Abundance Ion 94.90 (94.60 to 95.60): VX008839.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008839.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008839.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: VX008839.D

Acq: 11 Apr 2019 05:24

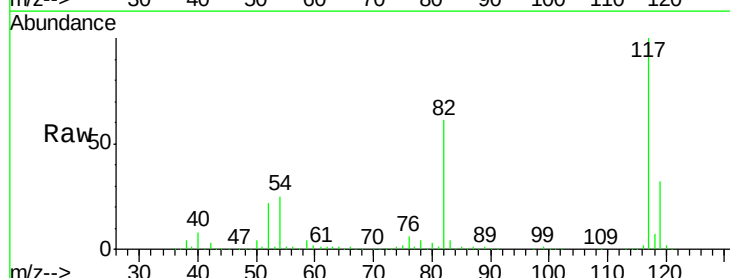
Tgt Ion: 117 Resp: 285215

Ion Ratio Lower Upper

117 100

82 61.4 49.6 74.4

119 32.0 25.0 37.4

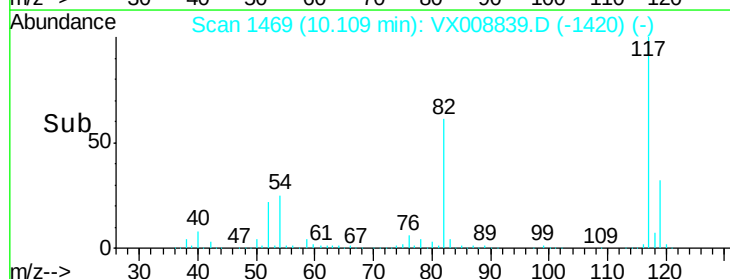


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

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

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

Time-->

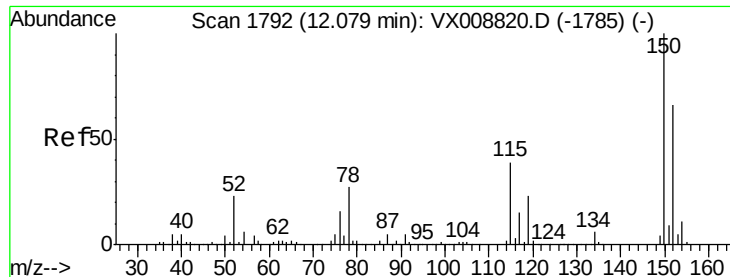


Abundance Ion 116.90 (116.60 to 117.60): VX008839.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008839.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008839.D (-1420) (-)

Time-->

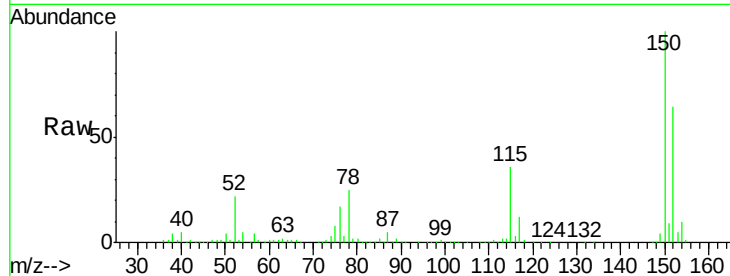


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008839.D
Acq: 11 Apr 2019 05:24

Instrument :
MSVOA_X
ClientSampleId :
TP-12-D

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	43.5	130.5
150	155.2	0.0	348.8

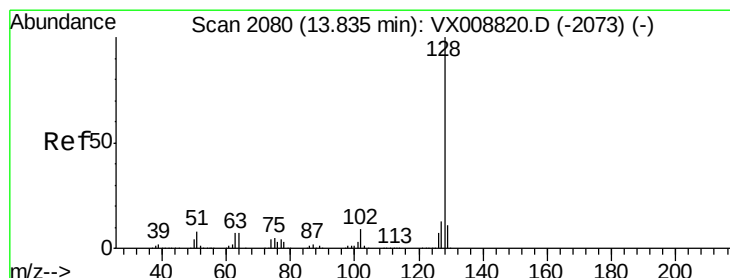
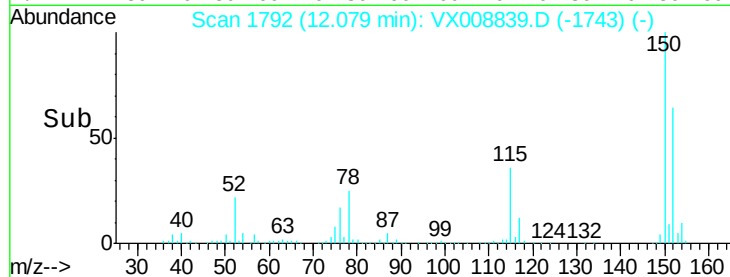
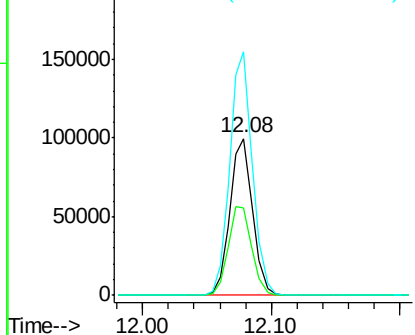


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

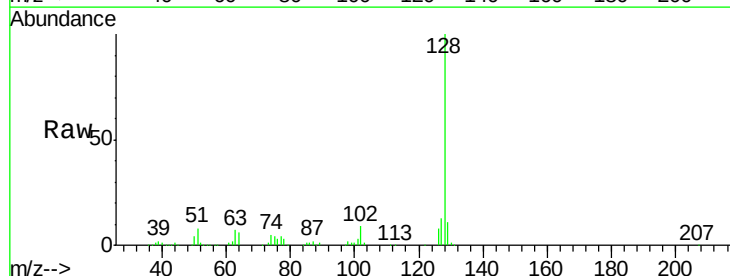
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 5.513 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008839.D
Acq: 11 Apr 2019 05:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

