

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011172.D
 Acq On : 30 Jul 2019 02:43
 Operator : JC/SP
 Sample : K4021-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9

Quant Time: Jul 30 07:07:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

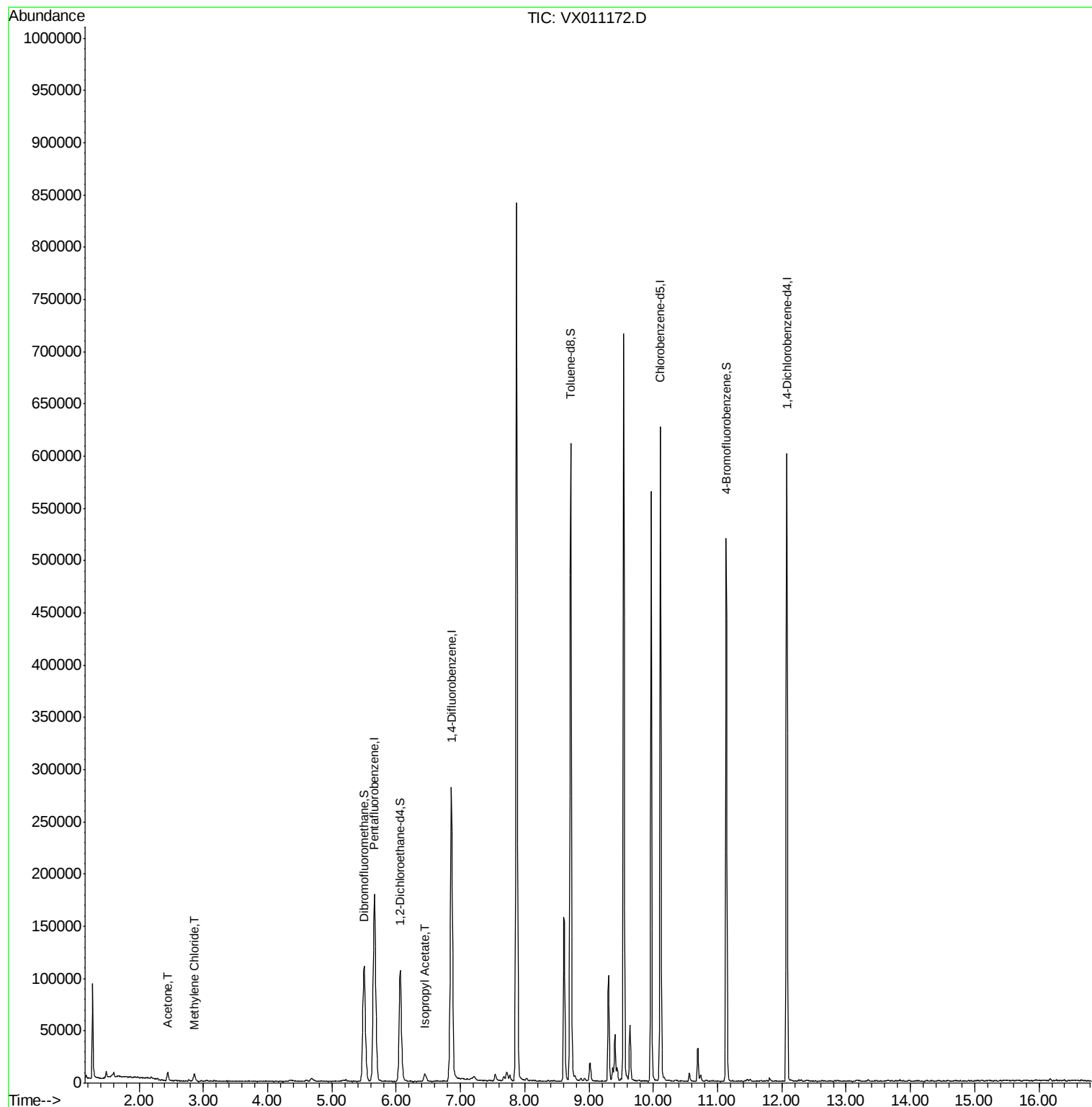
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	99850	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	5.50	113	92325	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	8.71	98	361976	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	126564	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
Target Compounds						
16) Acetone	2.45	43	8596	10.087	ug/l	96
20) Methylene Chloride	2.86	84	3416	1.892	ug/l	94
43) Isopropyl Acetate	6.45	43	11258	2.820	ug/l	98

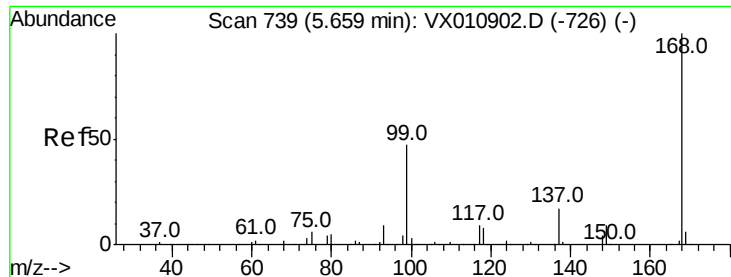
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

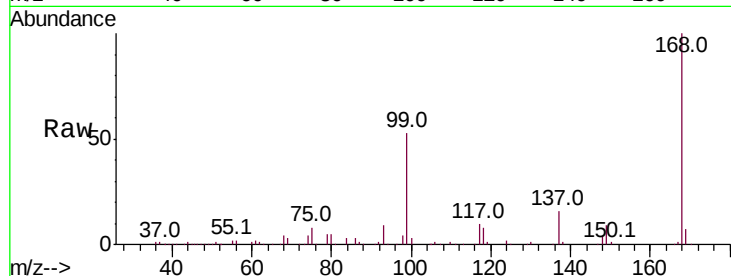
TP-9

Tot Ion:168 Resp: 177355

Ion Ratio Lower Upper

168 100

99 52.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

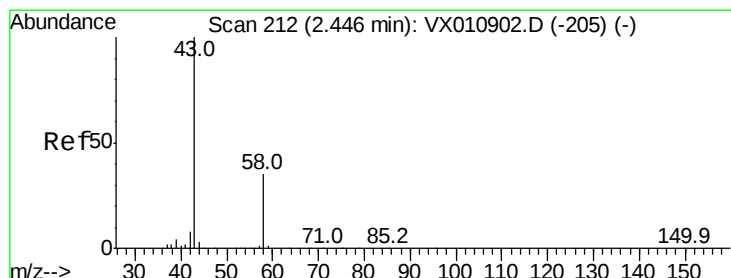
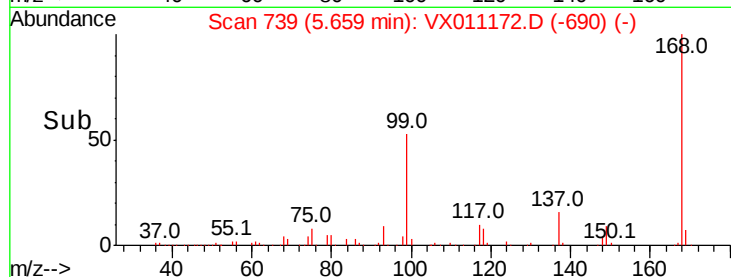
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.087 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011172.D

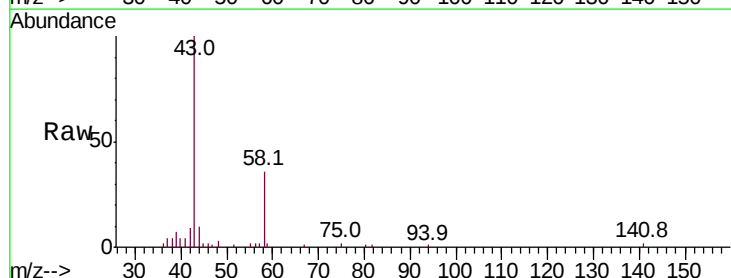
Acq: 30 Jul 2019 02:43

Tgt Ion: 43 Resp: 8596

Ion Ratio Lower Upper

43 100

58 36.9 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

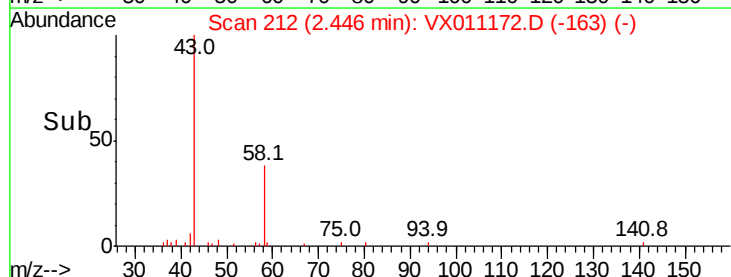
3000

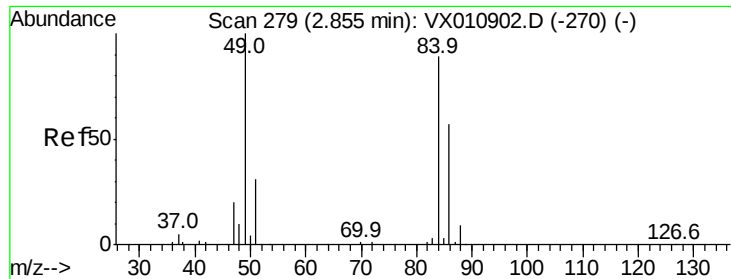
2000

1000

0

Time--> 2.40 2.45 2.50

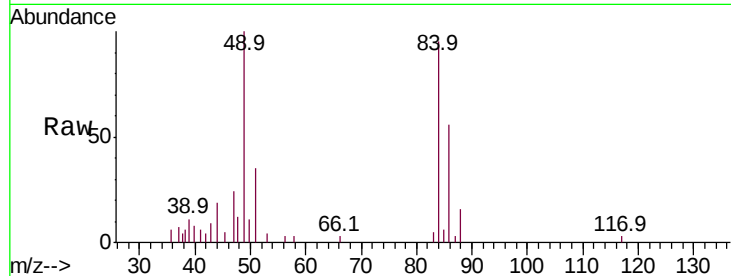




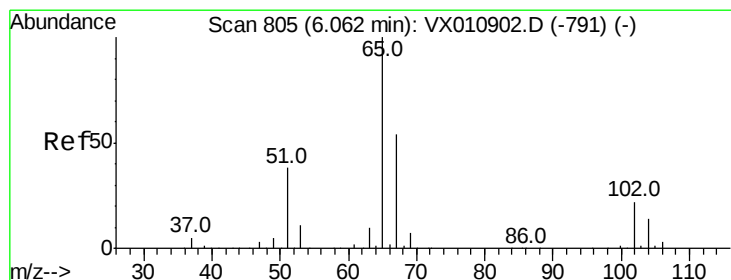
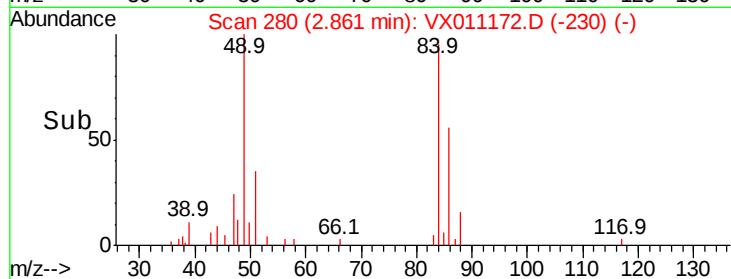
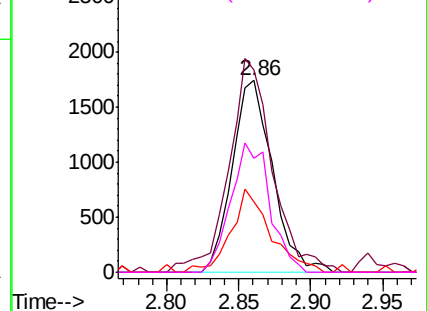
#20
Methylene Chloride
Concen: 1.892 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tot Ion: 84 Resp: 3416
Ion Ratio Lower Upper
84 100
49 105.3 89.9 134.9
51 33.6 27.8 41.6
86 59.3 51.8 77.6

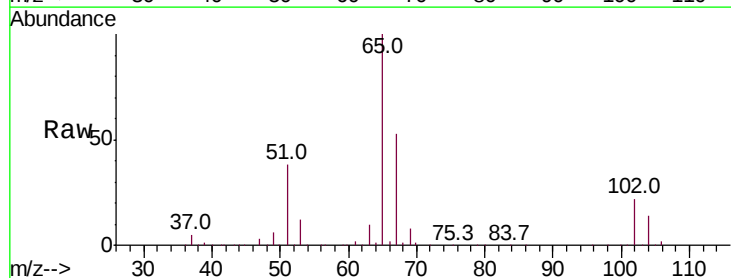


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

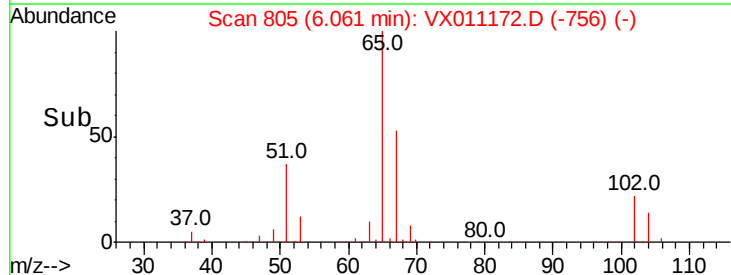
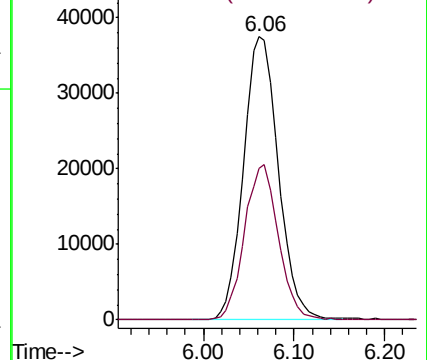


#33
1,2-Dichloroethane-d4
Concen: 52.921 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Tgt Ion: 65 Resp: 99850
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

TP-9

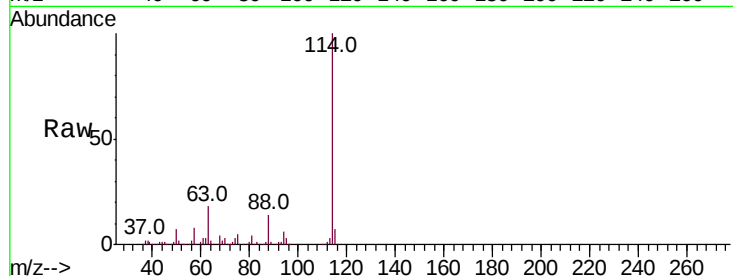
Tot Ion:114 Resp: 288651

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

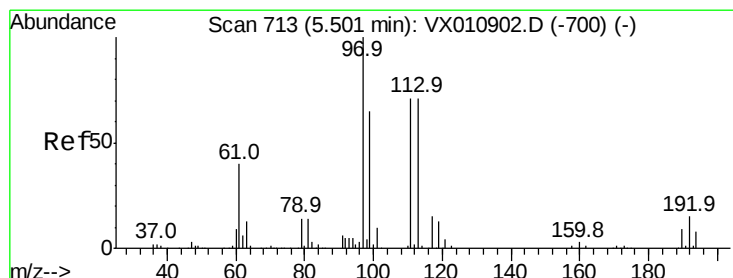
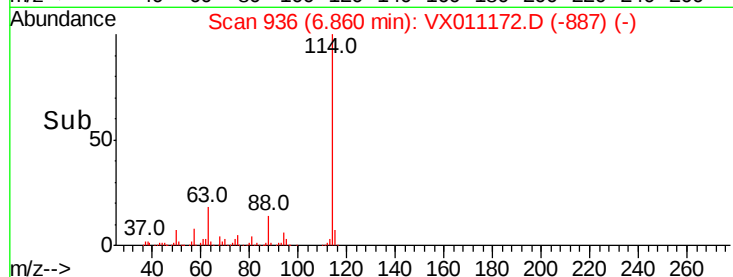
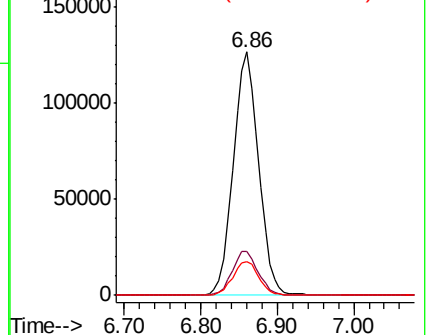
88 14.0 0.0 29.8



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: 50.392 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

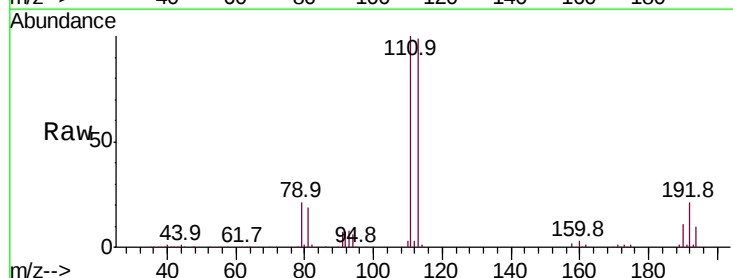
Tgt Ion:113 Resp: 92325

Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

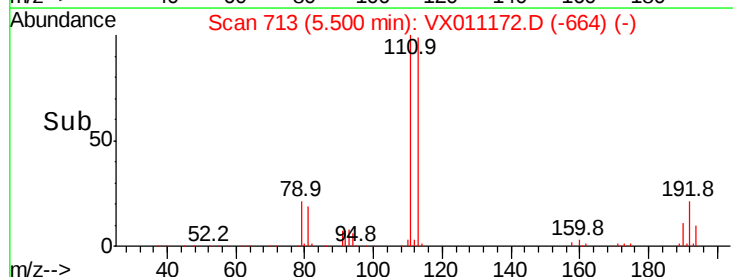
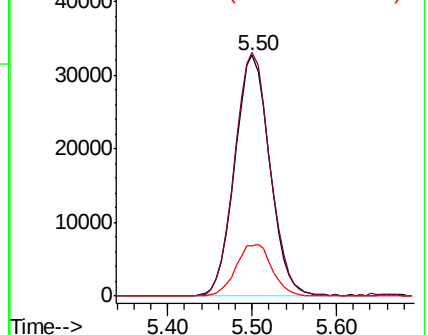
192 22.0 17.4 26.2

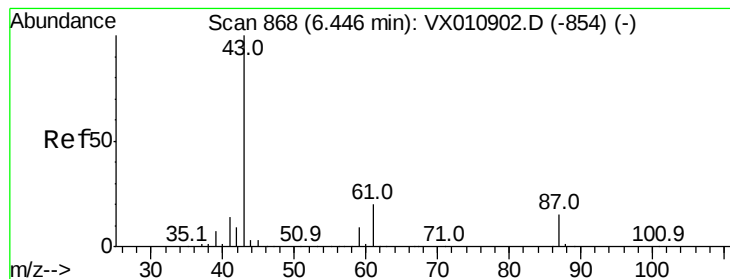


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.820 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

TP-9

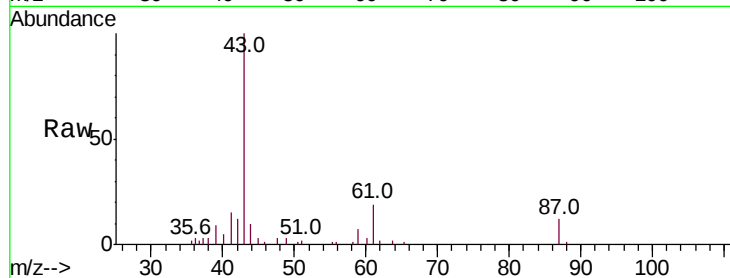
Tot Ion: 43 Resp: 11258

Ion Ratio Lower Upper

43 100

61 20.3 17.1 25.7

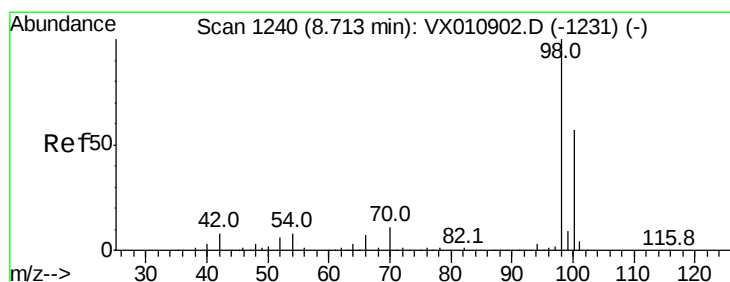
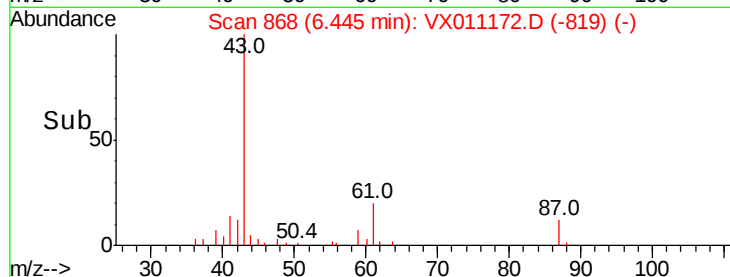
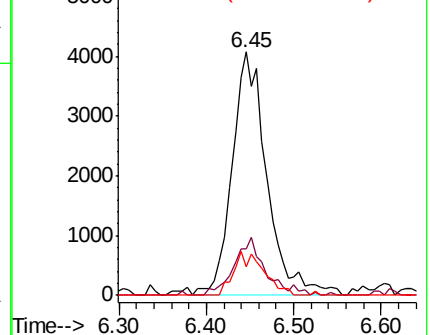
87 15.4 12.0 18.0



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: 52.677 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011172.D

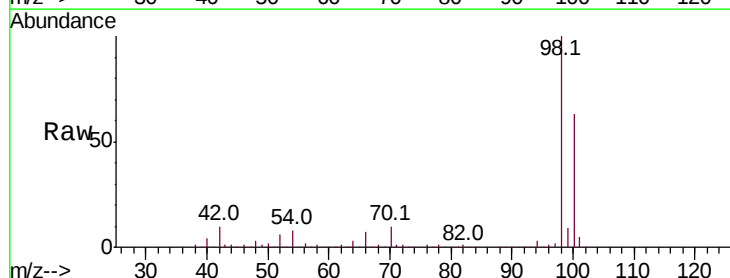
Acq: 30 Jul 2019 02:43

Tgt Ion: 98 Resp: 361976

Ion Ratio Lower Upper

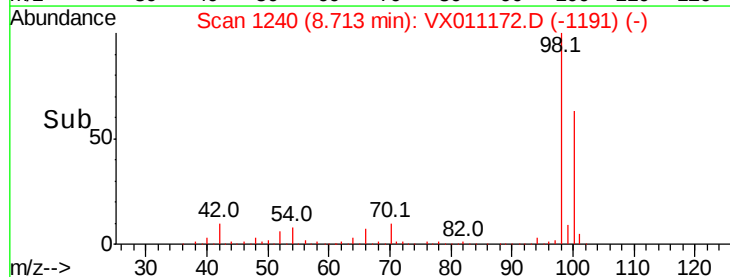
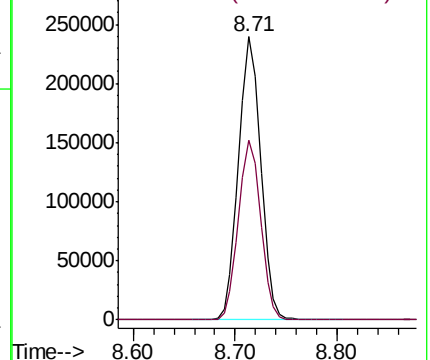
98 100

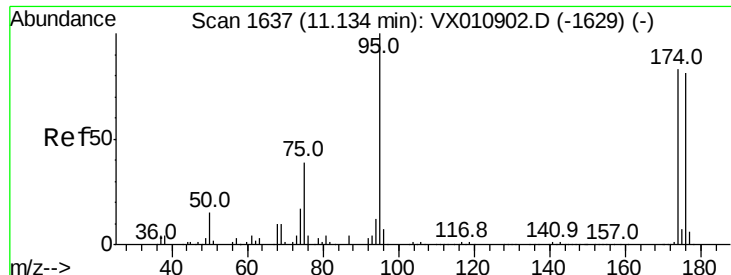
100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.108 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

TP-9

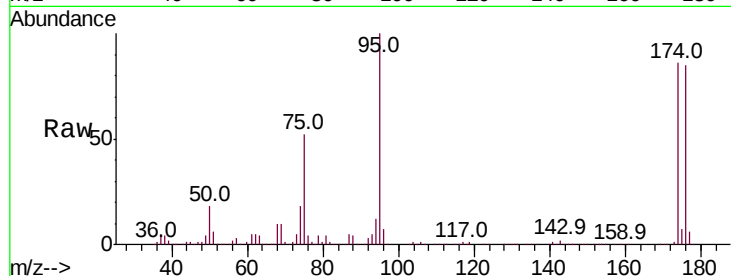
Tot Ion: 95 Resp: 126564

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.6

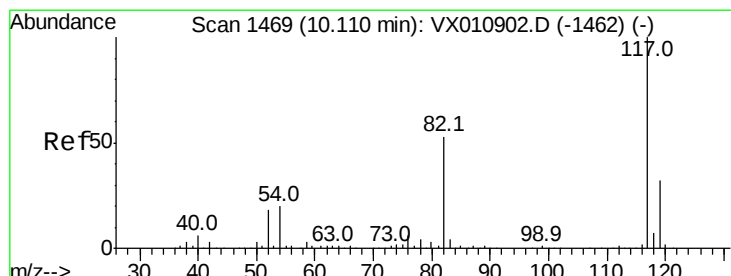
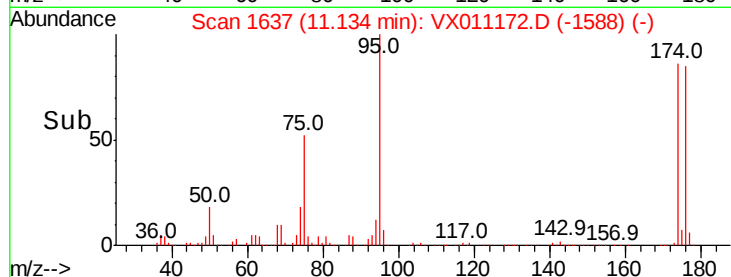
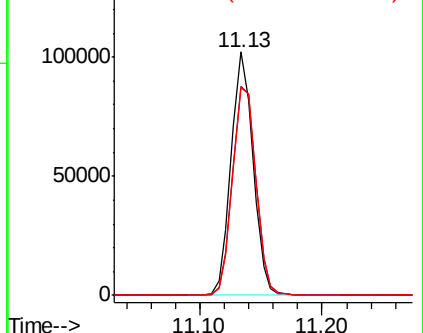
176 90.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011172.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011172.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011172.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

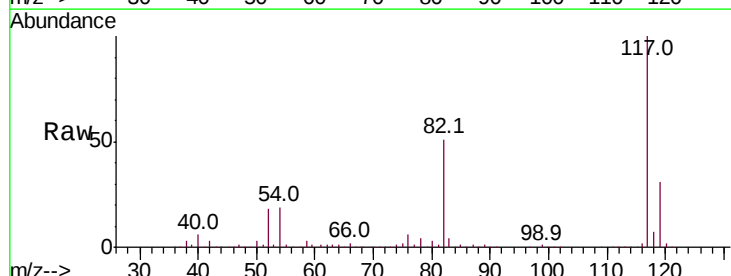
Tgt Ion: 117 Resp: 286693

Ion Ratio Lower Upper

117 100

82 51.0 42.6 63.8

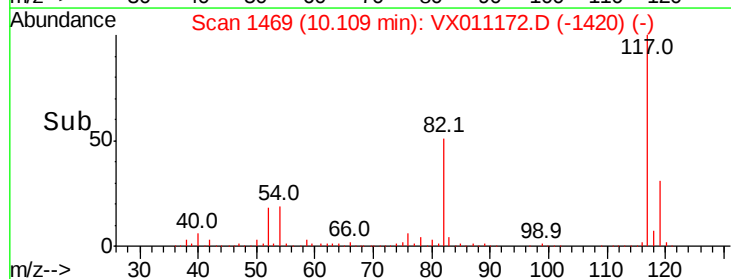
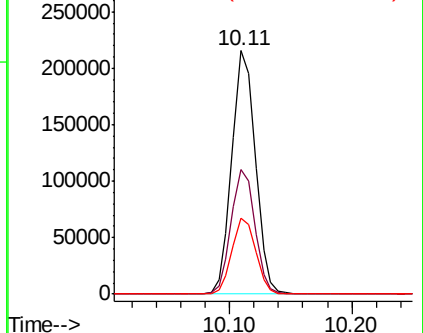
119 31.4 25.9 38.9

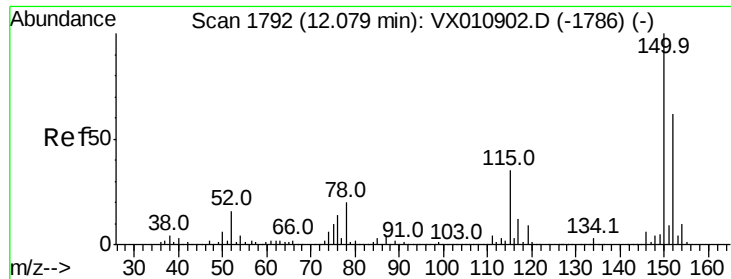


Abundance Ion 116.90 (116.60 to 117.60): VX011172.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011172.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011172.D (-1420) (-)

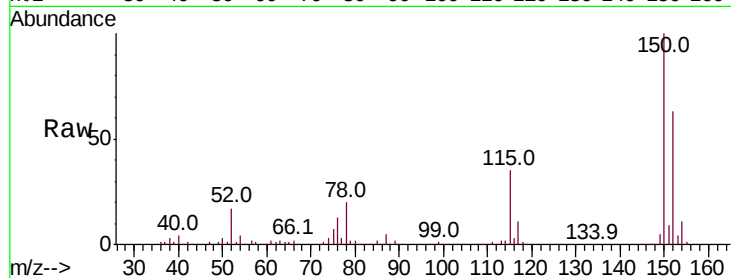




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011172.D
 Acq: 30 Jul 2019 02:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.7	119.1
150	157.8	0.0	345.6



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

