

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008299.D
 Acq On : 21 Mar 2019 18:42
 Operator : JC/SP
 Sample : K1945-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T2-UV(PRE)

Quant Time: Mar 22 09:52:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

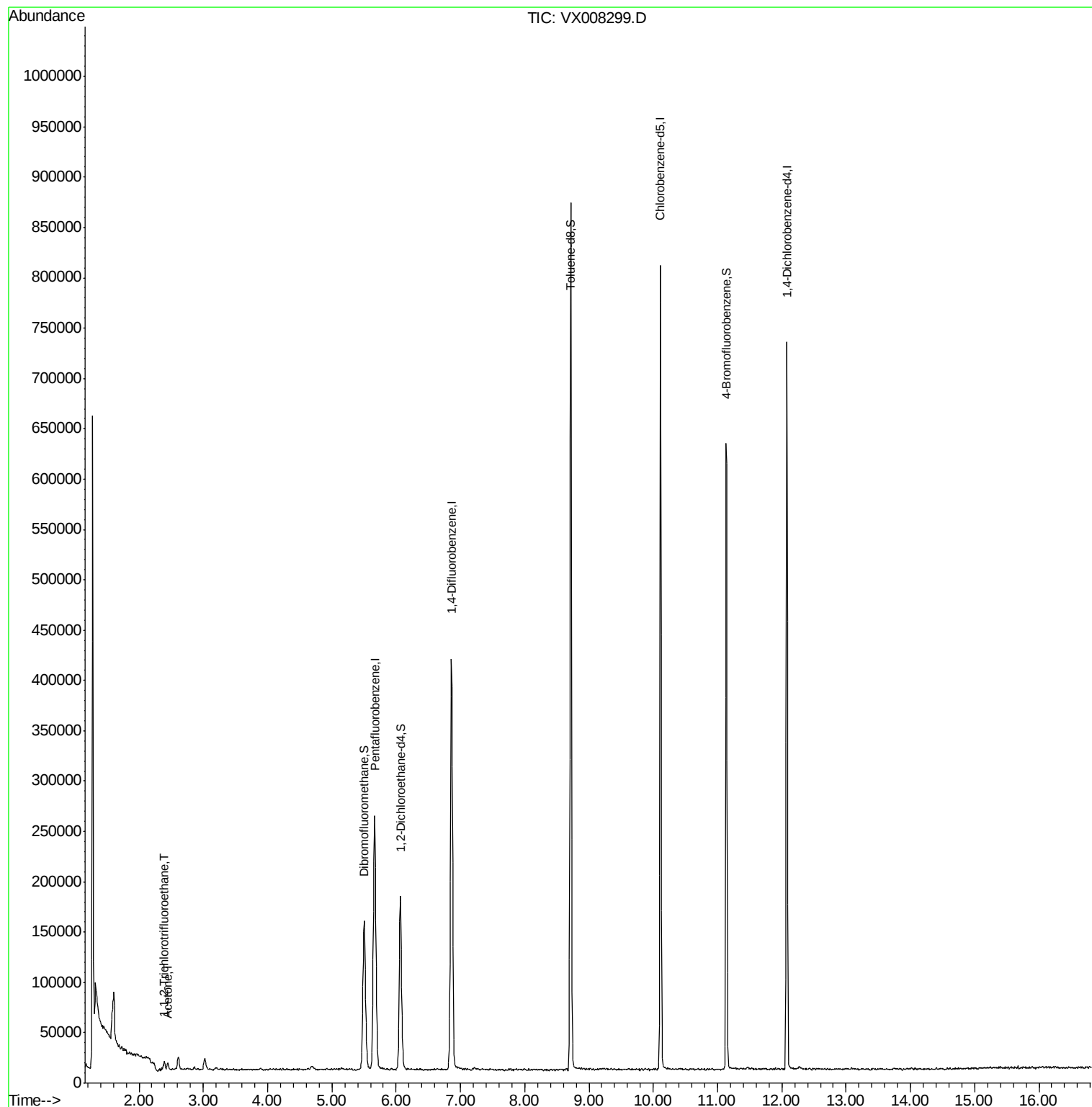
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164205	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
35) Dibromofluoromethane	5.50	113	124685	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
50) Toluene-d8	8.71	98	497714	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	157273	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2621	0.845	ug/l #	91
16) Acetone	2.45	43	7940	3.850	ug/l	94

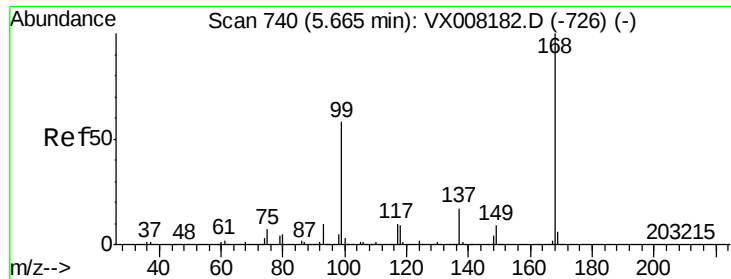
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008299.D

Acq: 21 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

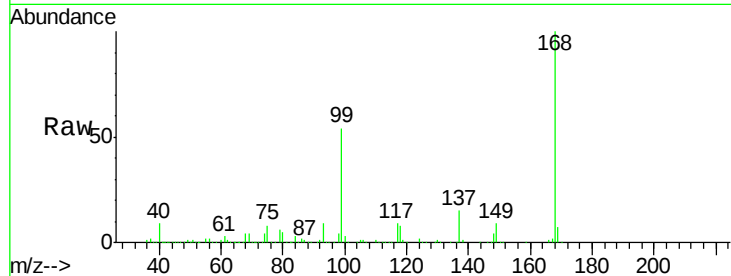
M4-T2-UV(PRE)

Tot Ion:168 Resp: 241435

Ion Ratio Lower Upper

168 100

99 54.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

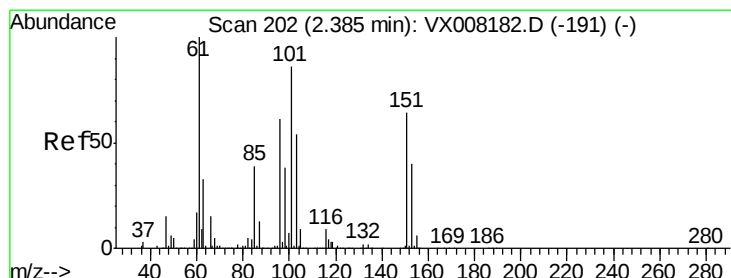
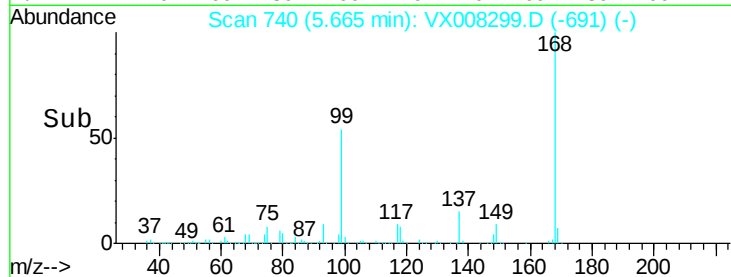
40000

20000

0

5.60 5.70 5.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.845 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008299.D

Acq: 21 Mar 2019 18:42

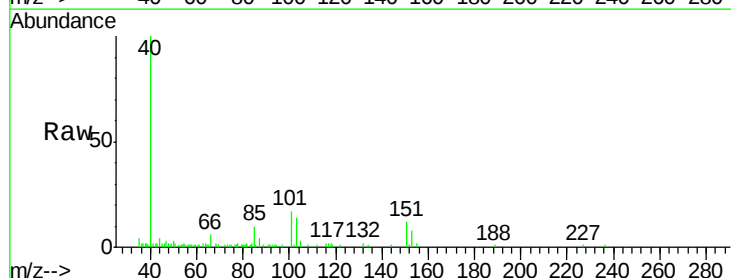
Tgt Ion:101 Resp: 2621

Ion Ratio Lower Upper

101 100

85 57.5 33.8 50.6#

151 87.8 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2000

1500

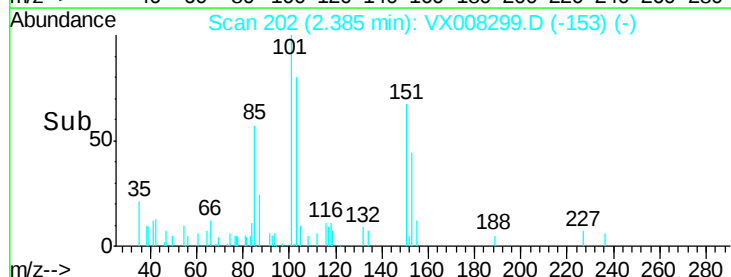
1000

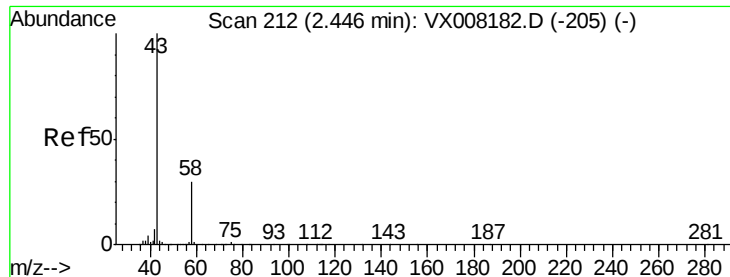
500

0

2.35 2.40 2.45

Time-->





#16

Acetone

Concen: 3.850 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008299.D

Acq: 21 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

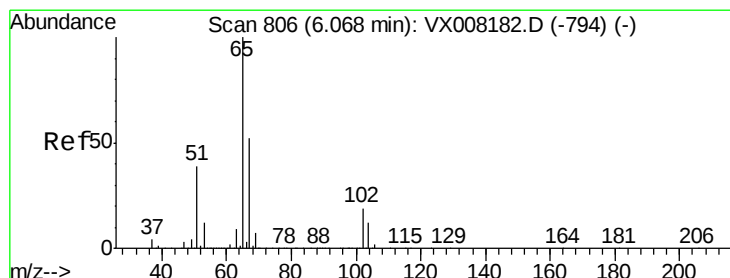
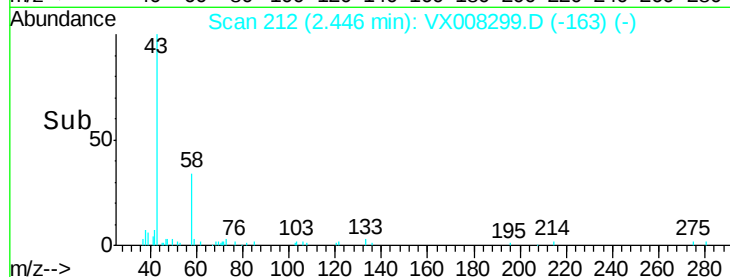
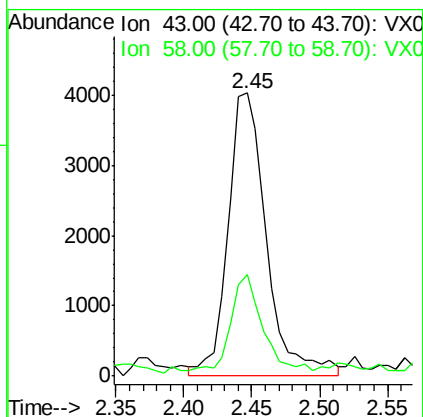
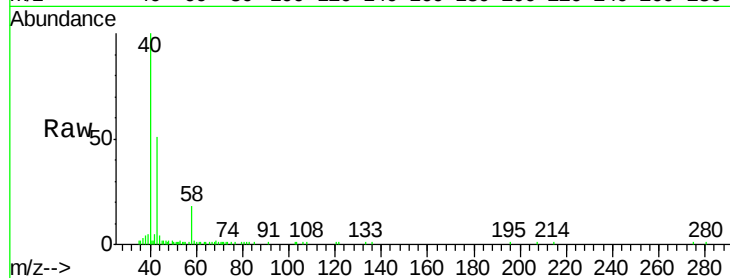
M4-T2-UV(PRE)

Tot Ion: 43 Resp: 7940

Ion Ratio Lower Upper

43 100

58 35.4 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 45.158 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008299.D

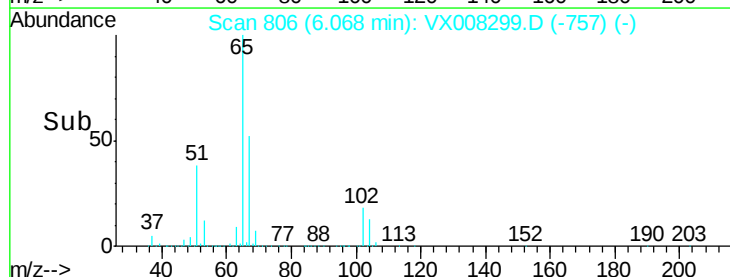
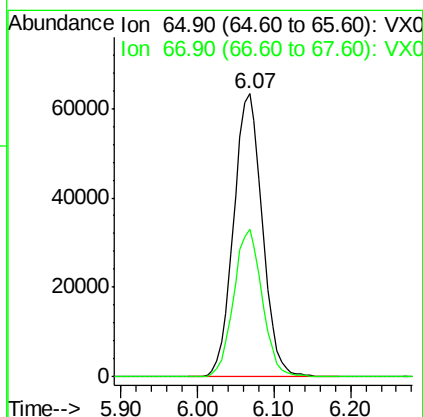
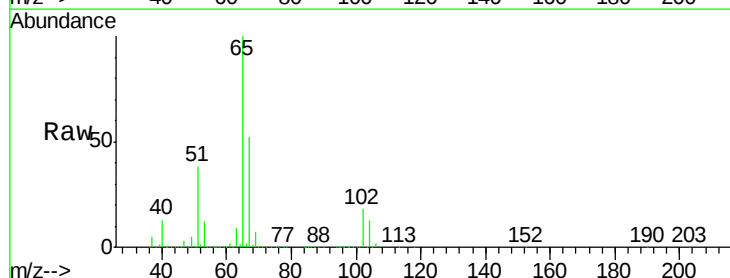
Acq: 21 Mar 2019 18:42

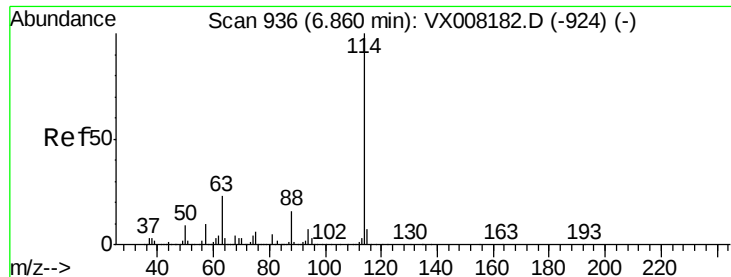
Tgt Ion: 65 Resp: 164205

Ion Ratio Lower Upper

65 100

67 52.0 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008299.D

Acq: 21 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

M4-T2-UV(PRE)

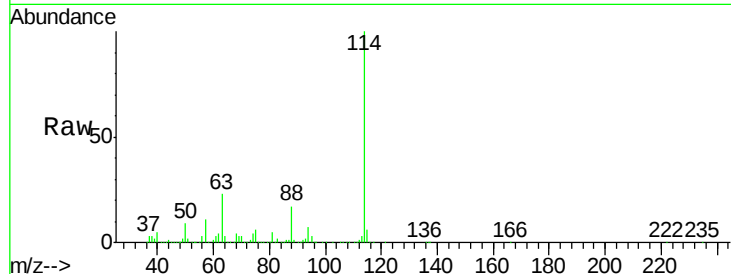
Tot Ion:114 Resp: 395921

Ion Ratio Lower Upper

114 100

63 23.1 0.0 39.8

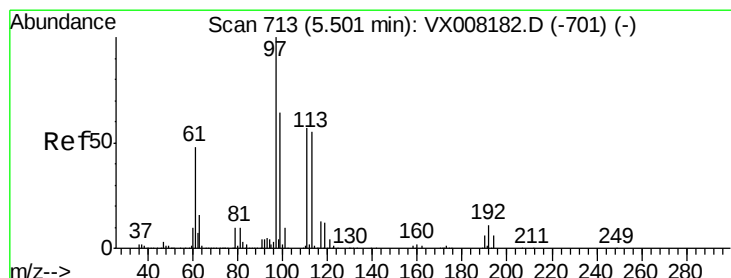
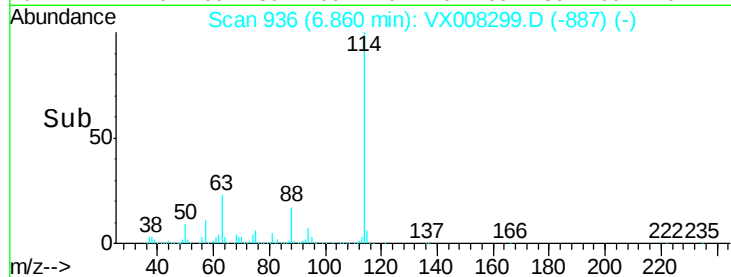
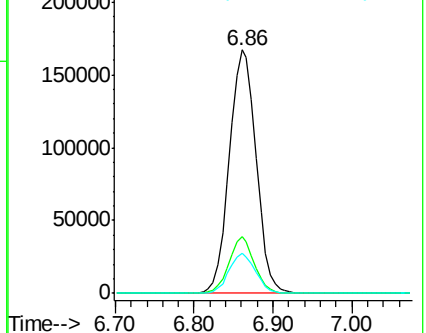
88 16.5 0.0 31.4



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: 47.043 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008299.D

Acq: 21 Mar 2019 18:42

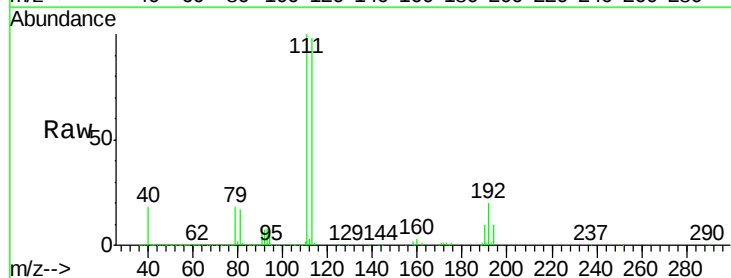
Tgt Ion:113 Resp: 124685

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

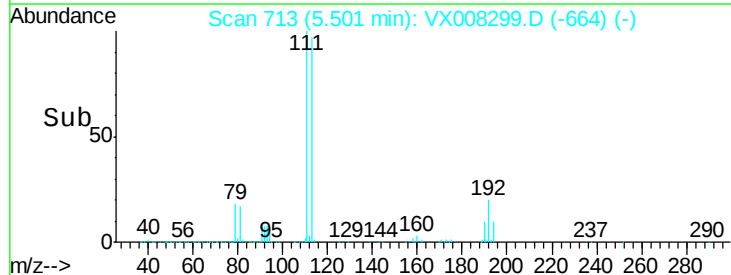
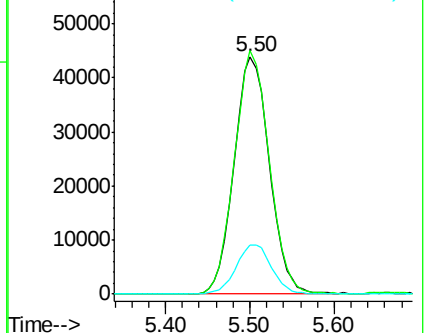
192 21.0 19.4 29.0

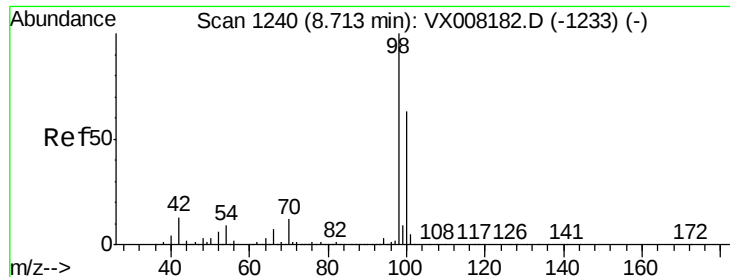


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.530 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008299.D

Acq: 21 Mar 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

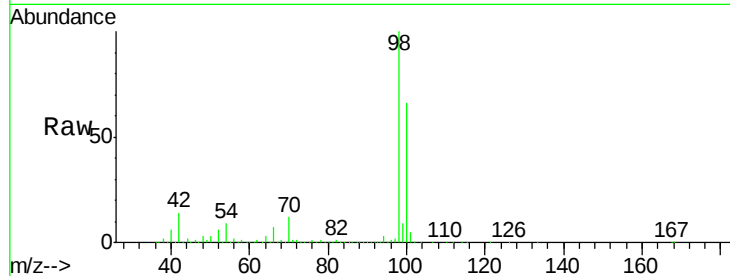
M4-T2-UV(PRE)

Tot Ion: 98 Resp: 497714

Ion Ratio Lower Upper

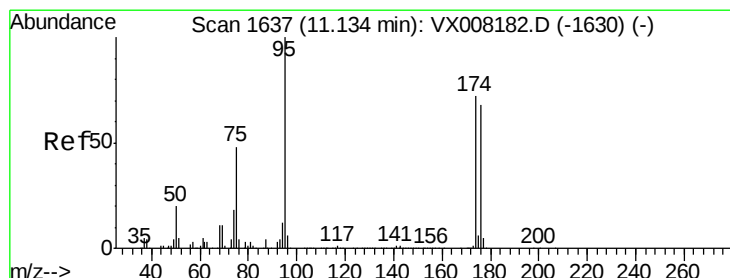
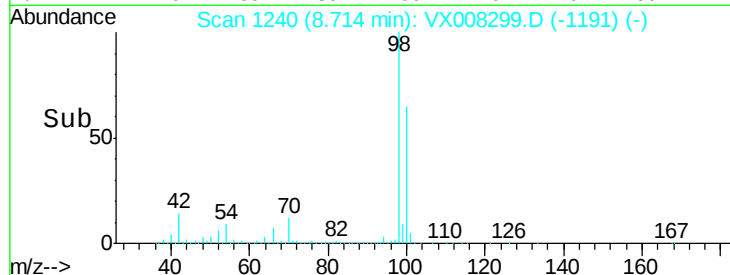
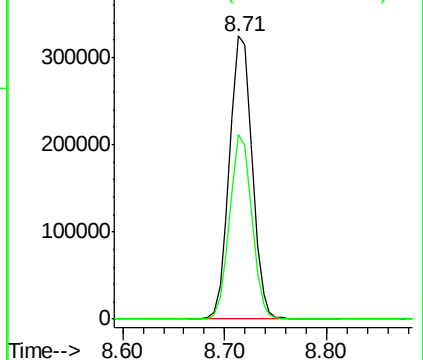
98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.455 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008299.D

Acq: 21 Mar 2019 18:42

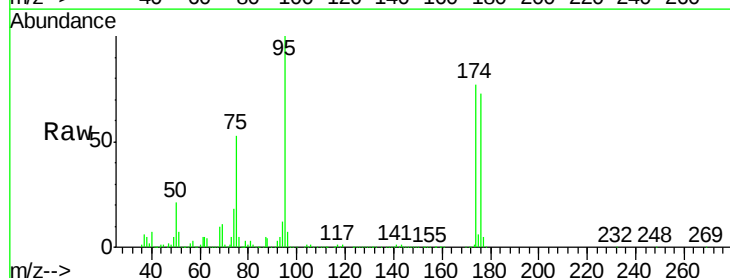
Tgt Ion: 95 Resp: 157273

Ion Ratio Lower Upper

95 100

174 82.5 0.0 182.8

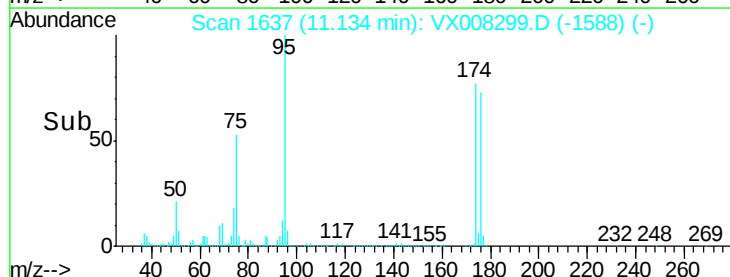
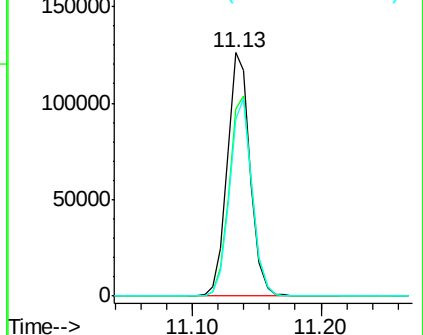
176 80.5 0.0 178.0

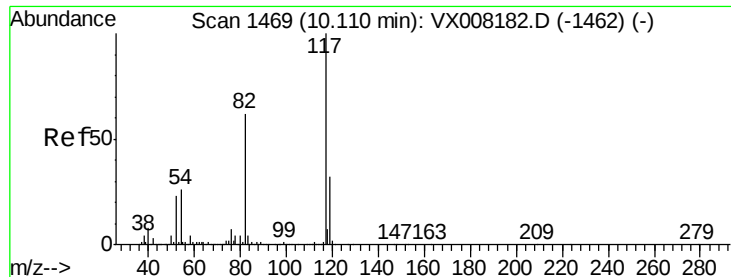


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

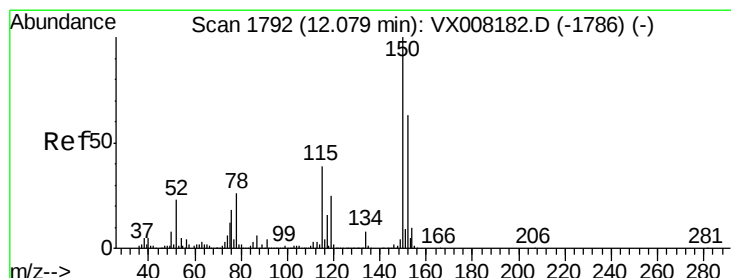
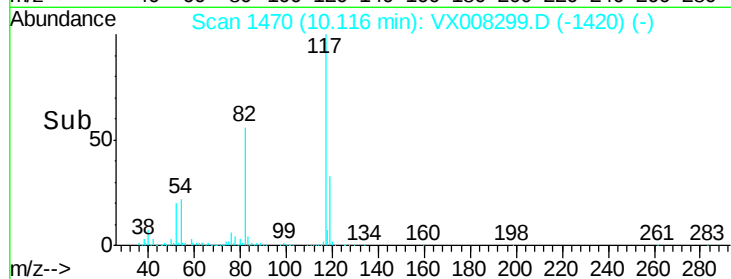
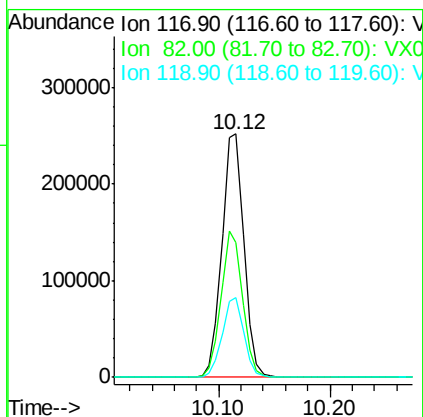
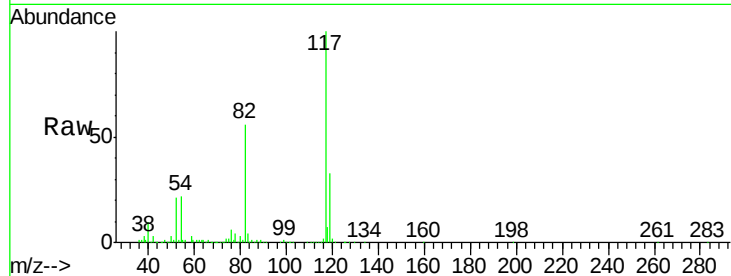




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008299.D
Acq: 21 Mar 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
M4-T2-UV(PRE)

Tot Ion:117 Resp: 345519
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008299.D
Acq: 21 Mar 2019 18:42

Tgt Ion:152 Resp: 141955
Ion Ratio Lower Upper
152 100
115 59.4 38.6 115.7
150 158.6 0.0 348.4

