

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011858.D
 Acq On : 27 Aug 2019 18:24
 Operator : JC/SP
 Sample : K4525-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A2(0)

Quant Time: Aug 28 04:04:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

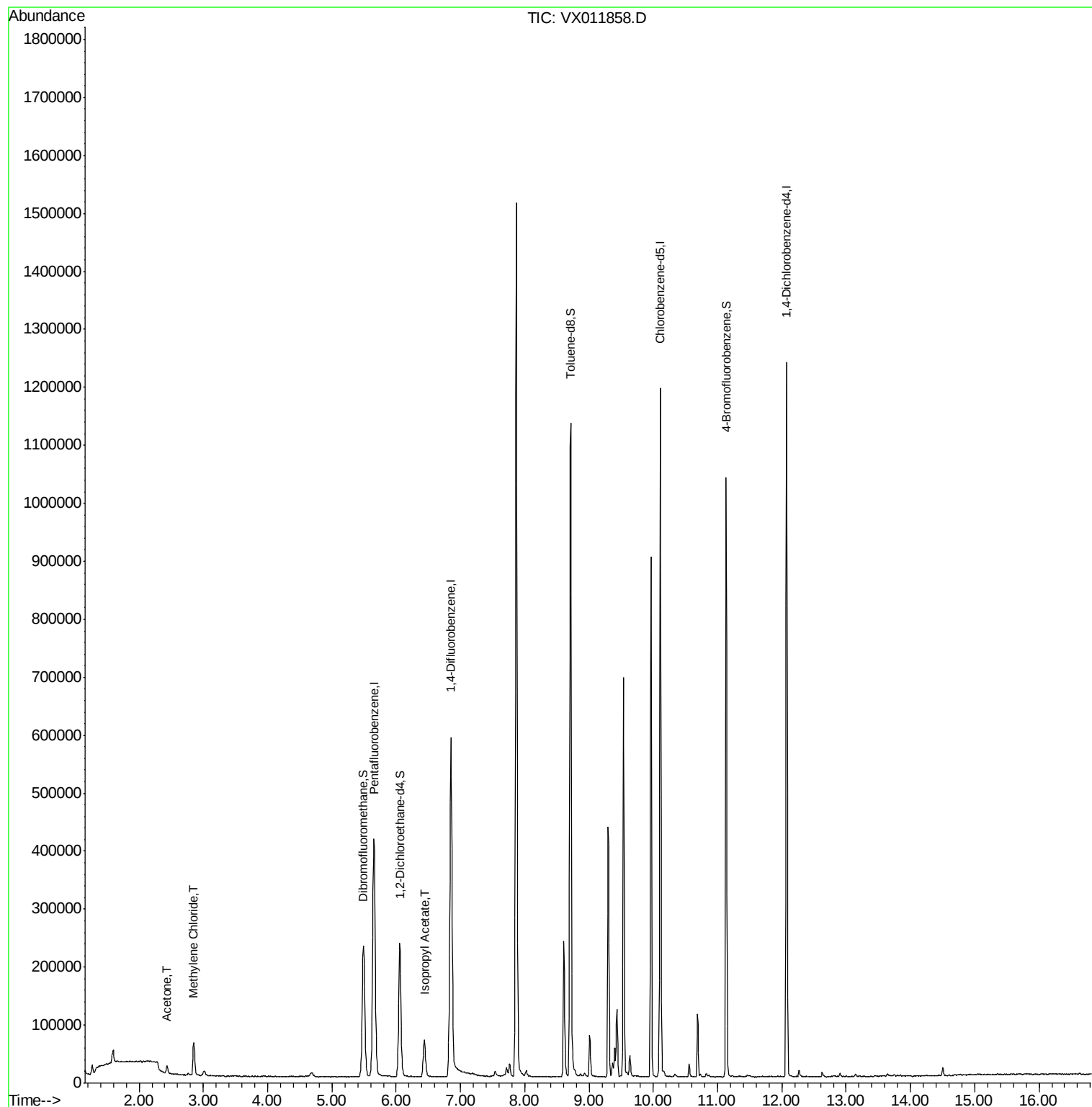
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	433570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	596181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	527165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	258849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	217166	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	5.49	113	187108	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	681801	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.13	95	250614	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
Target Compounds						
16) Acetone	2.43	43	14008	7.393	ug/l	99
20) Methylene Chloride	2.85	84	27103	6.997	ug/l	89
43) Isopropyl Acetate	6.44	43	91058	11.372	ug/l	98

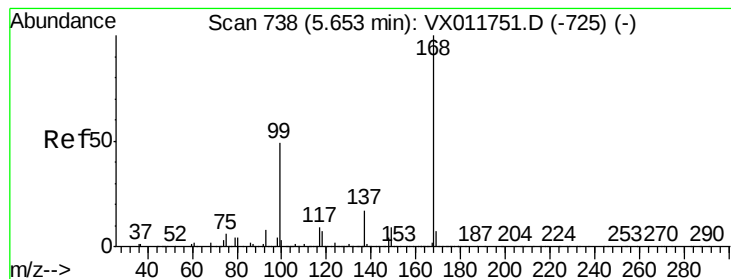
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

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Acq: 27 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

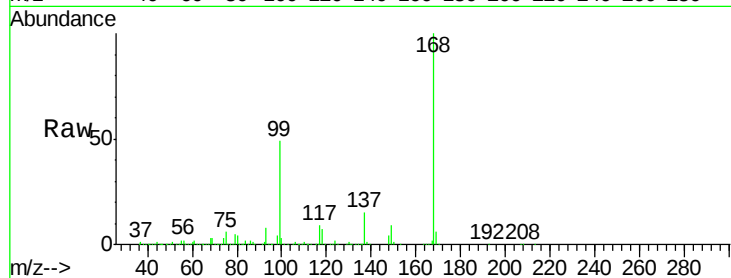
T9-12-13-A2(0)

Tot Ion:168 Resp: 433570

Ion Ratio Lower Upper

168 100

99 48.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

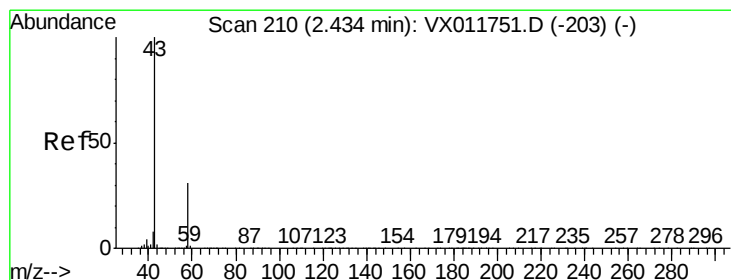
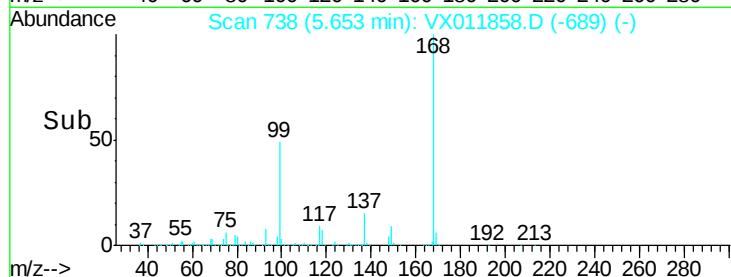
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.393 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011858.D

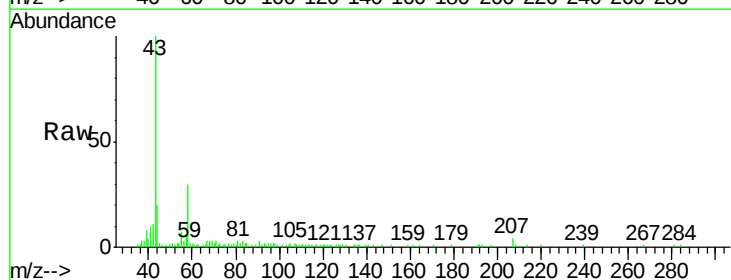
Acq: 27 Aug 2019 18:24

Tgt Ion: 43 Resp: 14008

Ion Ratio Lower Upper

43 100

58 30.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

6000

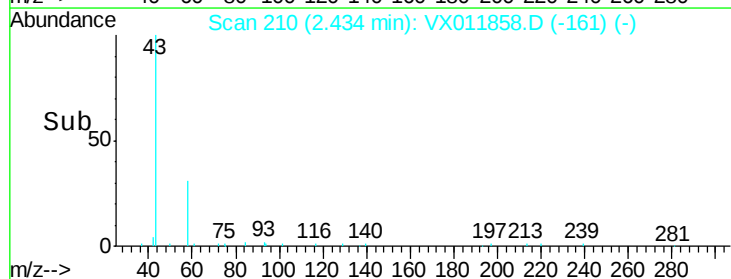
4000

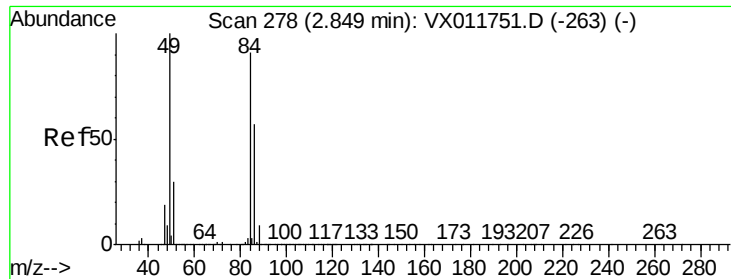
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

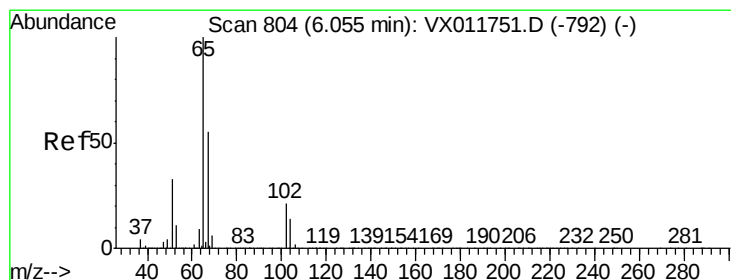
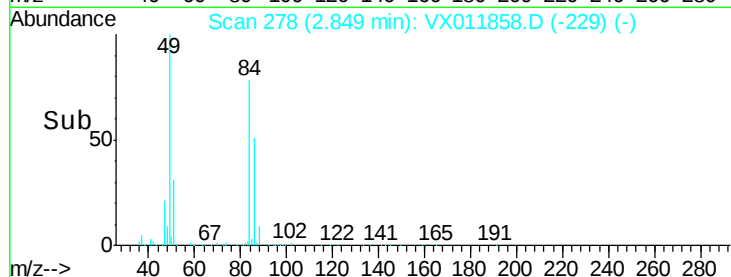
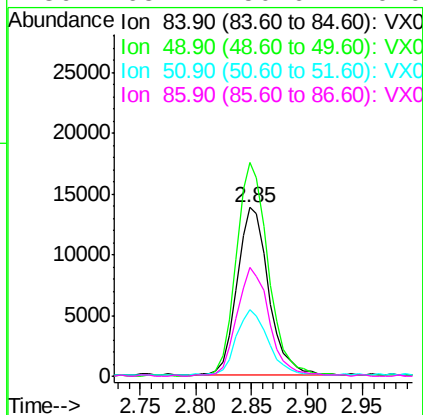
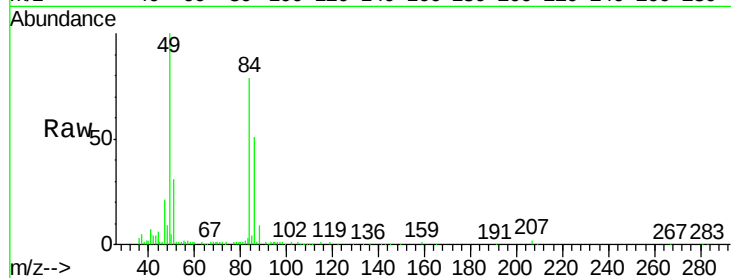




#20
Methvlene Chloride
Concen: 6.997 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011858.D
Acq: 27 Aug 2019 18:24

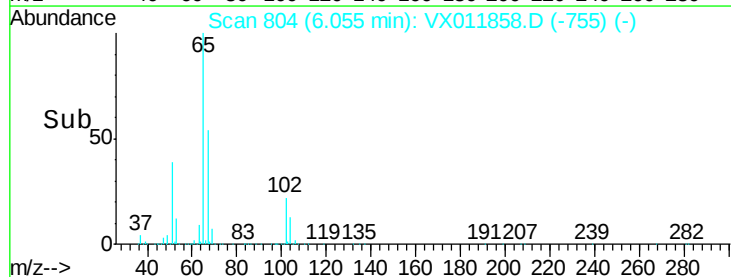
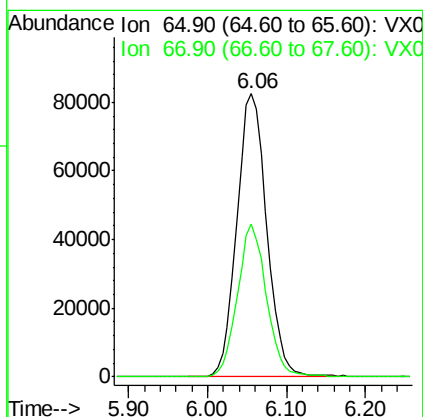
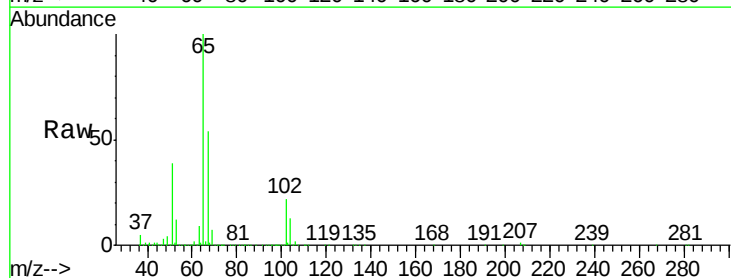
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A2(0)

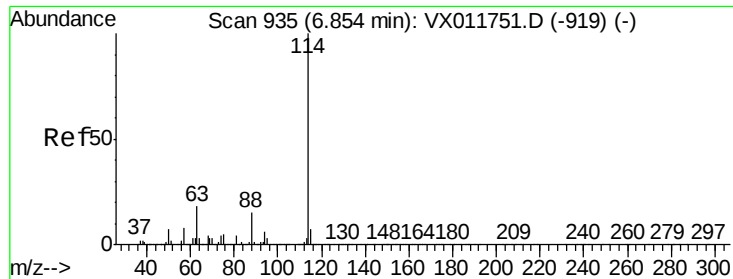
Tot Ion:	84	Resp:	27103
Ion	Ratio	Lower	Upper
84	100		
49	127.7	88.3	132.5
51	38.9	26.2	39.2
86	65.4	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 49.860 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011858.D
Acq: 27 Aug 2019 18:24

Tgt Ion:	65	Resp:	217166
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	107.8

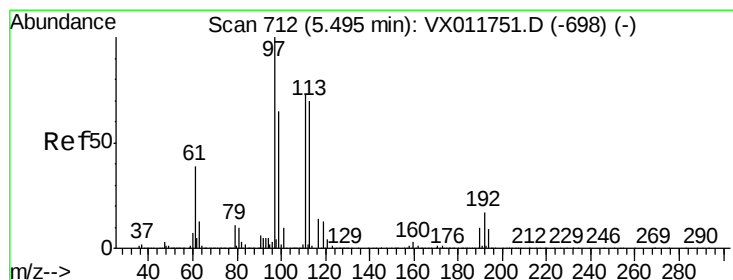
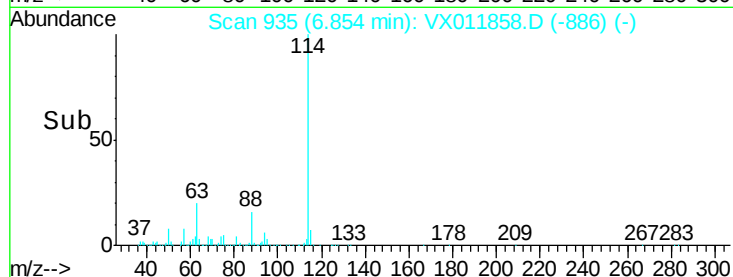
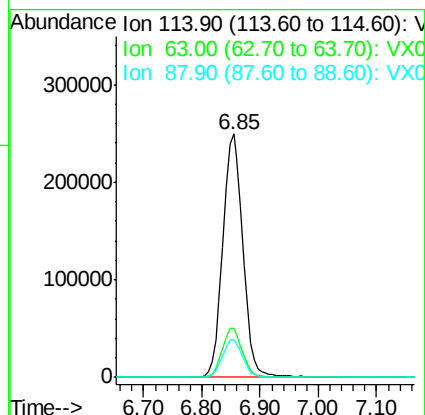
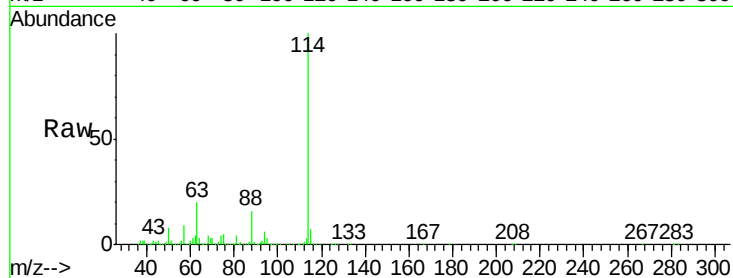




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011858.D
 Acq: 27 Aug 2019 18:24

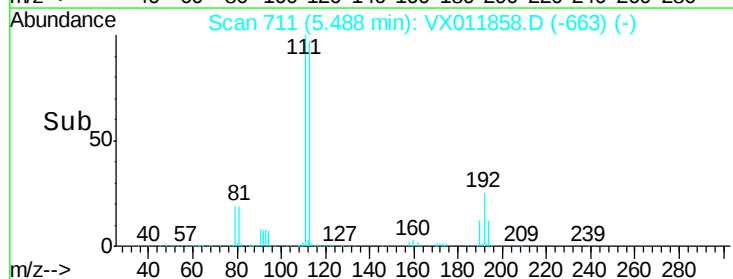
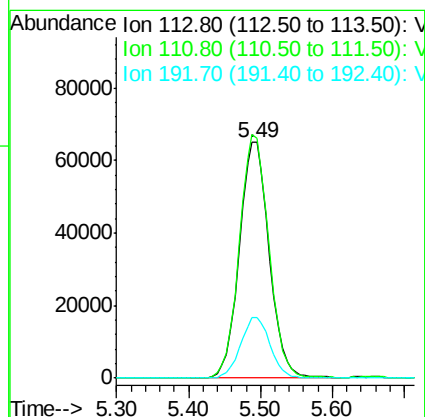
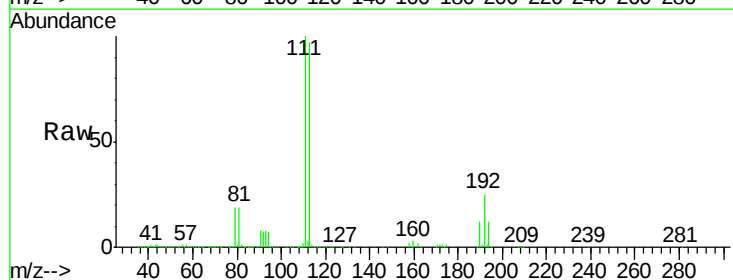
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A2(0)

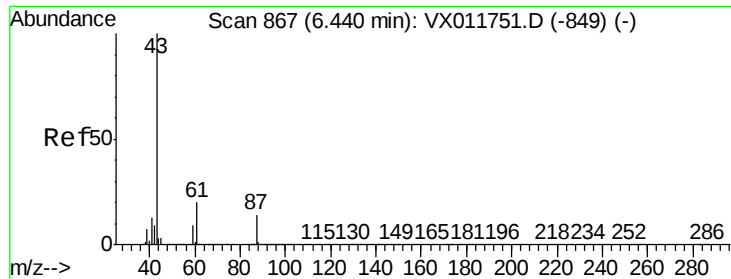
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	36.8
88	15.6	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 48.535 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011858.D
 Acq: 27 Aug 2019 18:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	25.7	19.9	29.9





#43

Isopropyl Acetate

Concen: 11.372 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011858.D

Acq: 27 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A2(0)

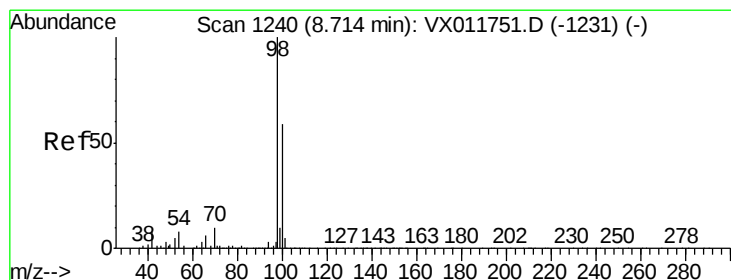
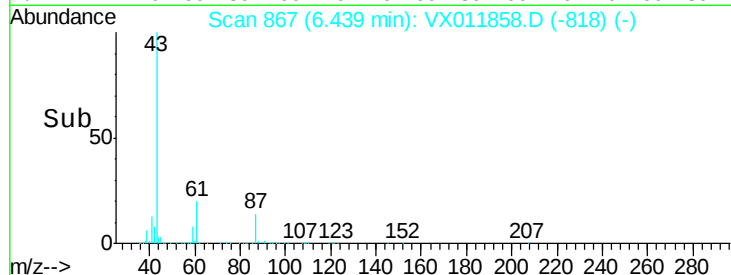
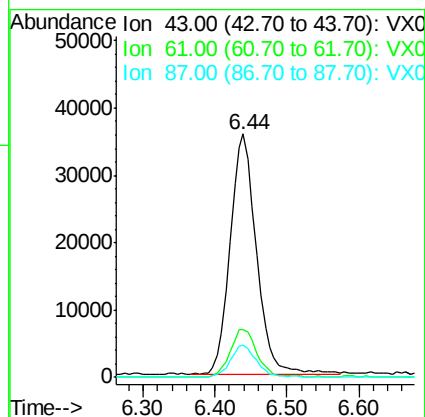
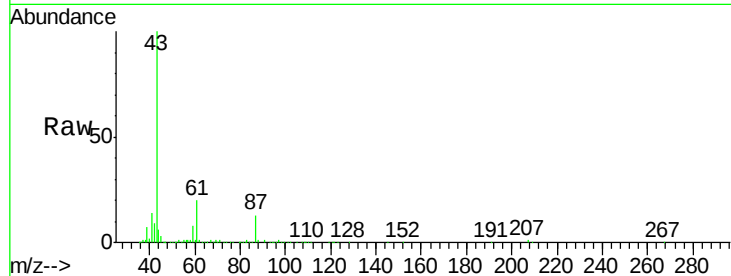
Tot Ion: 43 Resp: 91058

Ion Ratio Lower Upper

43 100

61 20.7 16.2 24.2

87 13.1 11.6 17.4



#50

Toluene-d8

Concen: 50.704 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011858.D

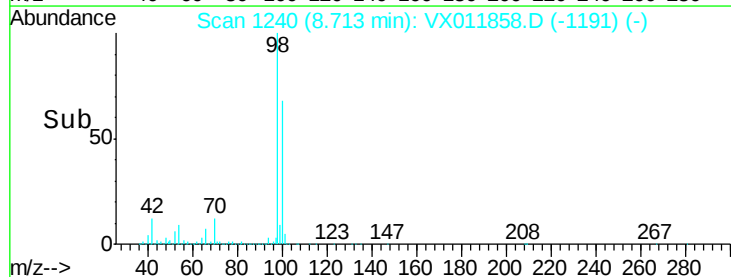
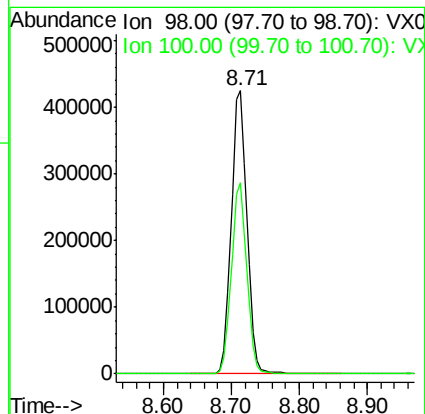
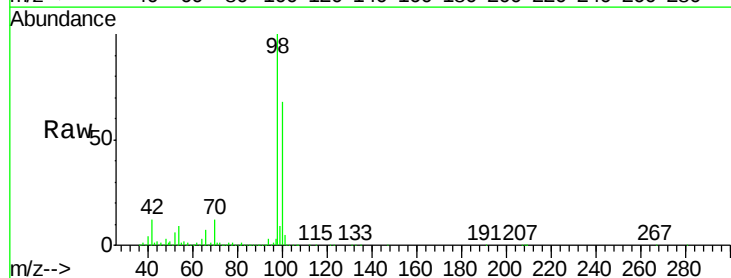
Acq: 27 Aug 2019 18:24

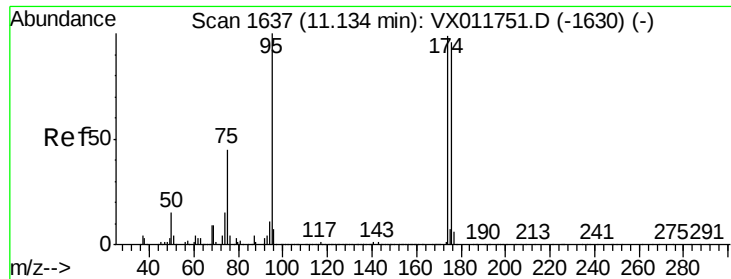
Tgt Ion: 98 Resp: 681801

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 47.152 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011858.D

Acq: 27 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A2(0)

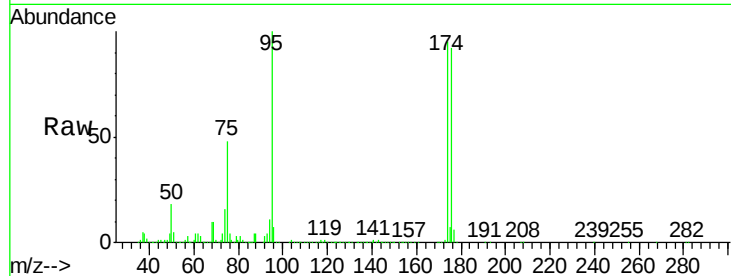
Tot Ion: 95 Resp: 250614

Ion Ratio Lower Upper

95 100

174 94.8 0.0 197.4

176 92.8 0.0 194.4

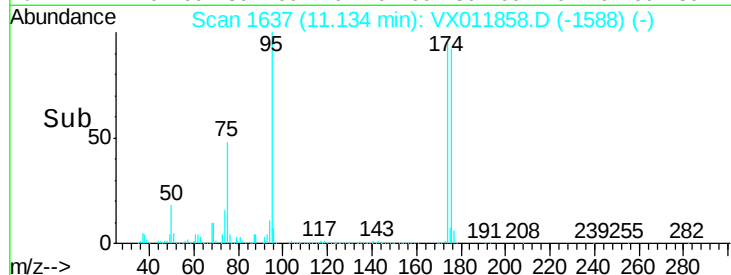


Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

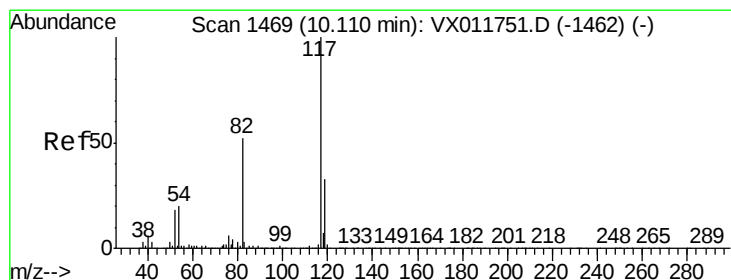
Ion 173.80 (173.50 to 174.50): VX011751.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX011751.D (-1630) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011858.D

Acq: 27 Aug 2019 18:24

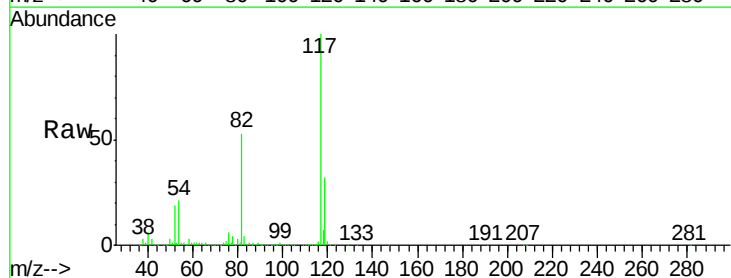
Tgt Ion: 117 Resp: 527165

Ion Ratio Lower Upper

117 100

82 53.2 41.7 62.5

119 32.4 26.2 39.2

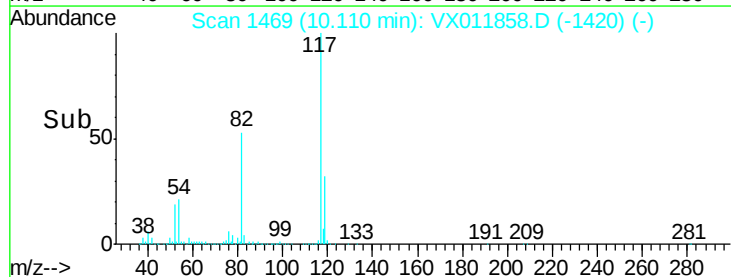


Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

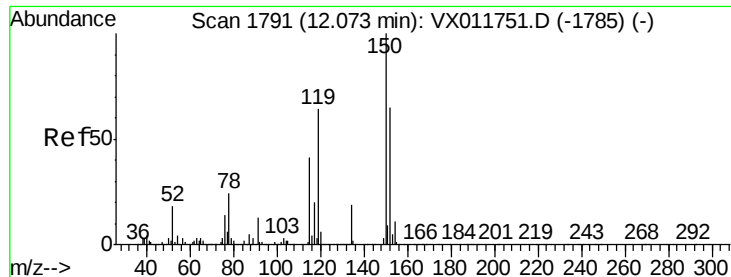
Ion 82.00 (81.70 to 82.70): VX011751.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011751.D (-1462) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011858.D

Acq: 27 Aug 2019 18:24

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A2(0)

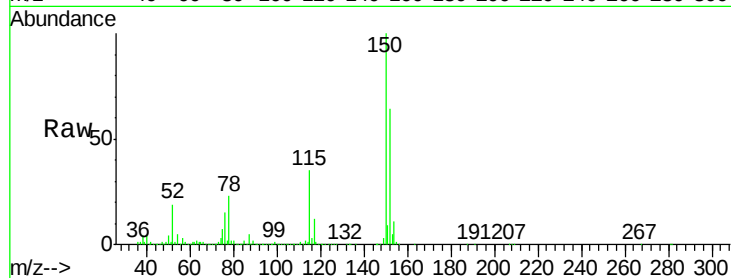
Tot Ion:152 Resp: 258849

Ion Ratio Lower Upper

152 100

115 53.6 37.3 111.8

150 155.6 0.0 343.0



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

