

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011798.D
 Acq On : 23 Aug 2019 15:17
 Operator : JC/SP
 Sample : K4491-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-2

Quant Time: Aug 26 03:20:18 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

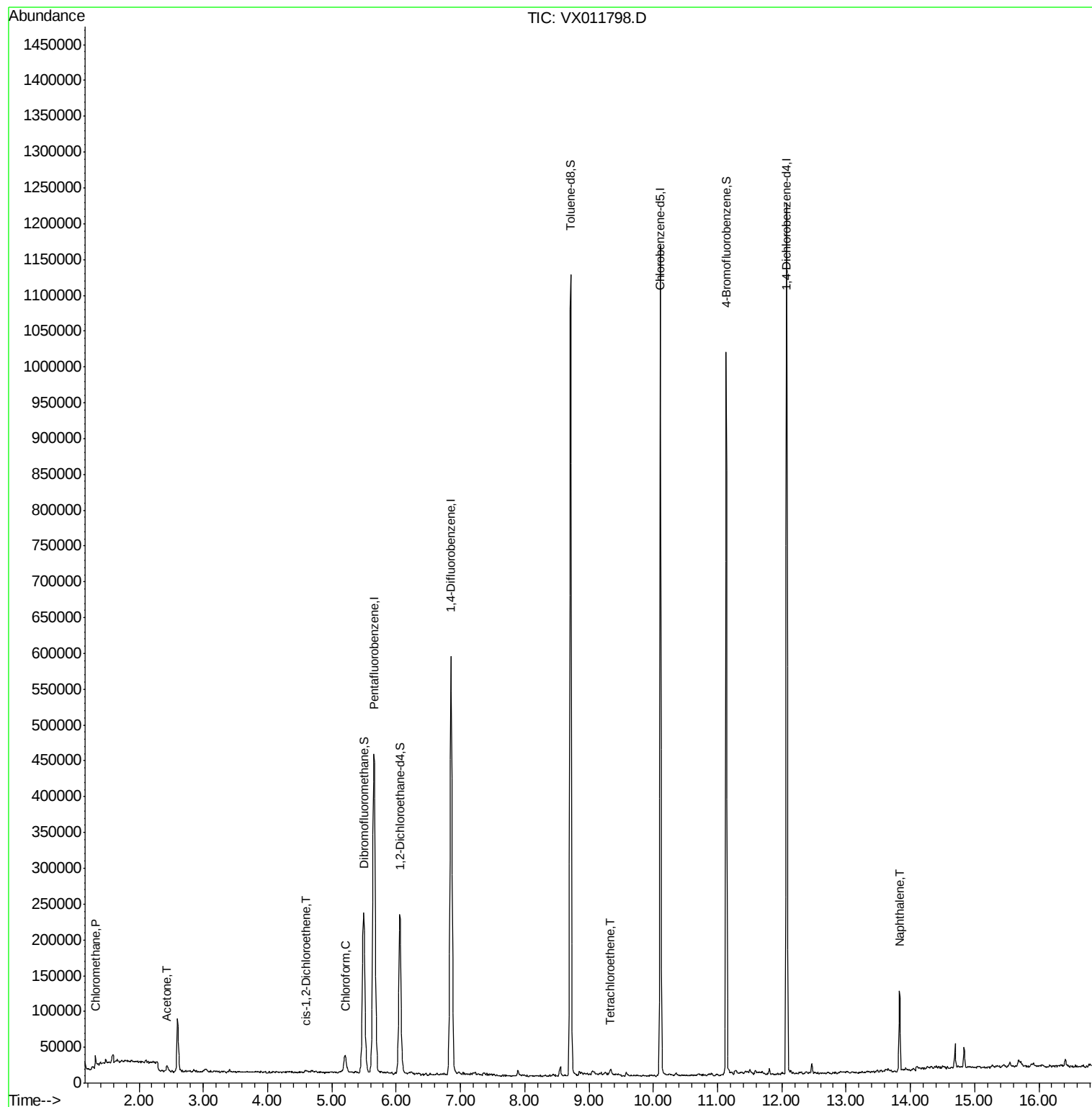
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	491219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	647134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	558765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	288686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	211176	42.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.60%	
35) Dibromofluoromethane	5.49	113	188791	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
50) Toluene-d8	8.71	98	718299	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	251461	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	8790	2.186	ug/l	92
16) Acetone	2.43	43	9467	4.410	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	1839	0.385	ug/l	84
30) Chloroform	5.20	83	28570	3.811	ug/l	98
64) Tetrachloroethene	9.34	164	1944	0.436	ug/l #	74
95) Naphthalene	13.83	128	73843	4.092	ug/l	99

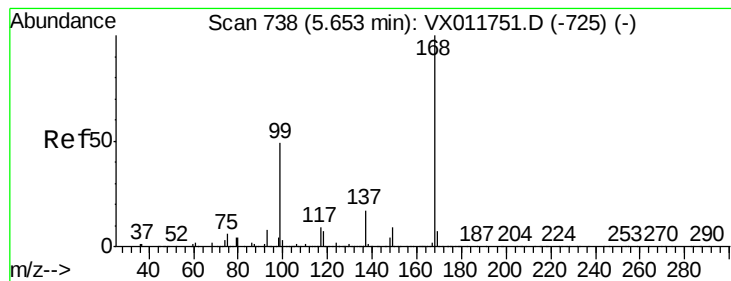
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WP-2

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011798.D

Acq: 23 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

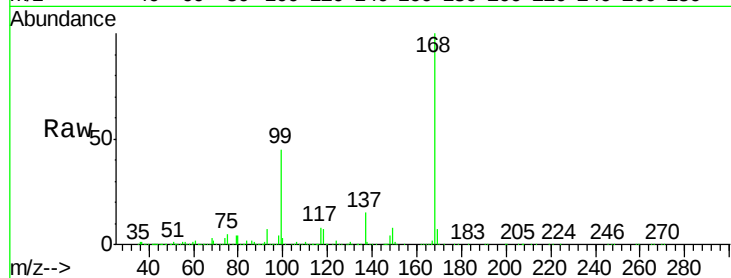
WP-2

Tot Ion:168 Resp: 491219

Ion Ratio Lower Upper

168 100

99 44.9 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

200000

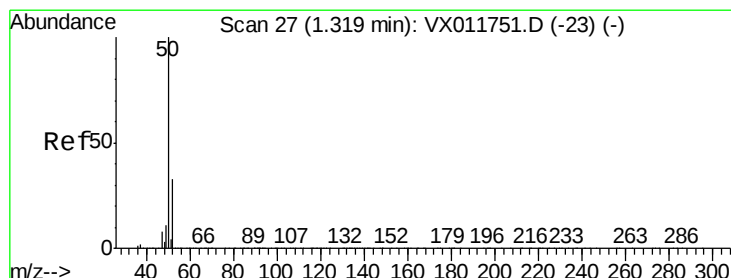
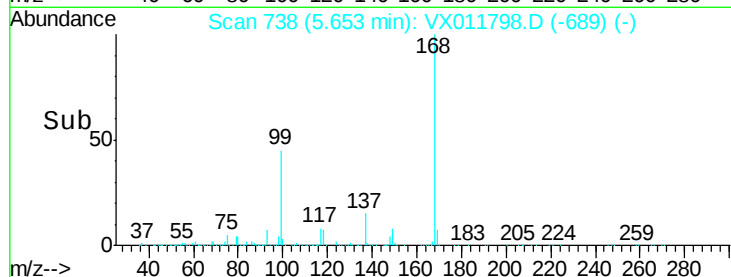
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.186 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011798.D

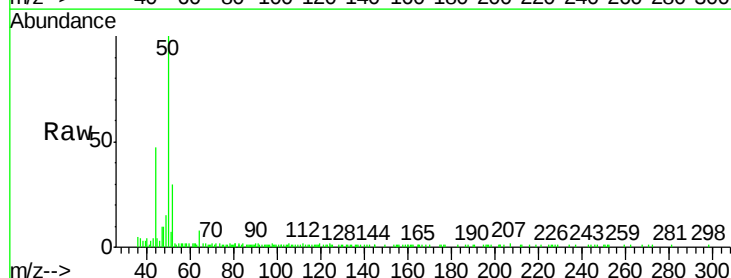
Acq: 23 Aug 2019 15:17

Tgt Ion: 50 Resp: 8790

Ion Ratio Lower Upper

50 100

52 28.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

10000

8000

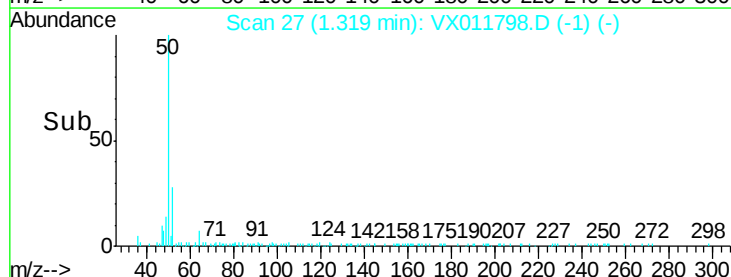
6000

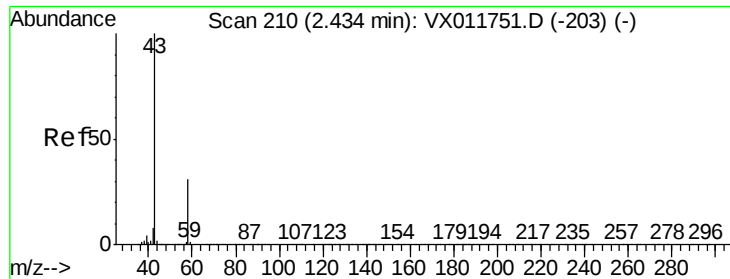
4000

2000

0

Time-->





#16

Acetone

Concen: 4.410 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011798.D

Acq: 23 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

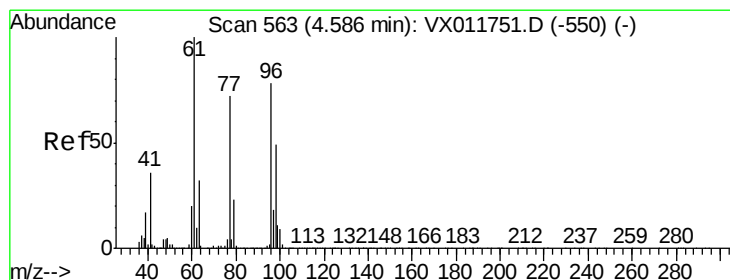
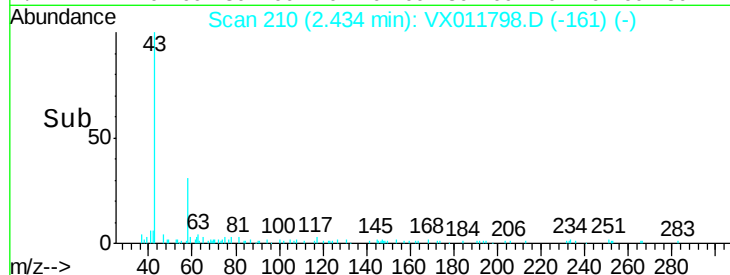
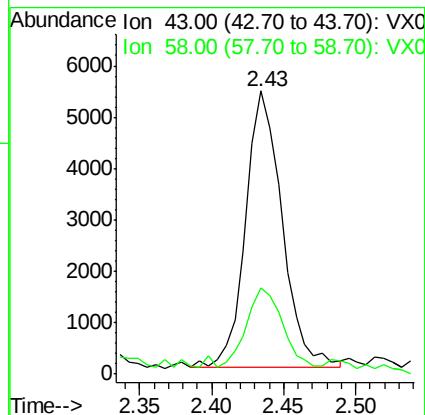
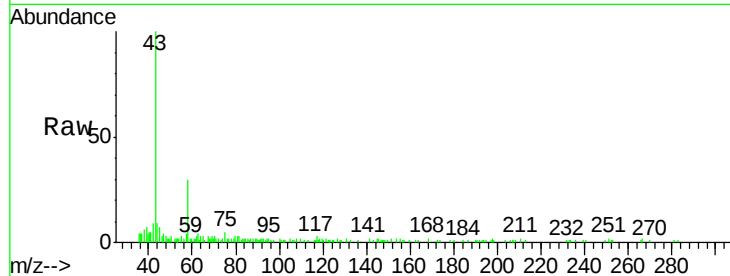
WP-2

Tot Ion: 43 Resp: 9467

Ion Ratio Lower Upper

43 100

58 28.1 24.4 36.6



#27

cis-1,2-Dichloroethene

Concen: 0.385 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX011798.D

Acq: 23 Aug 2019 15:17

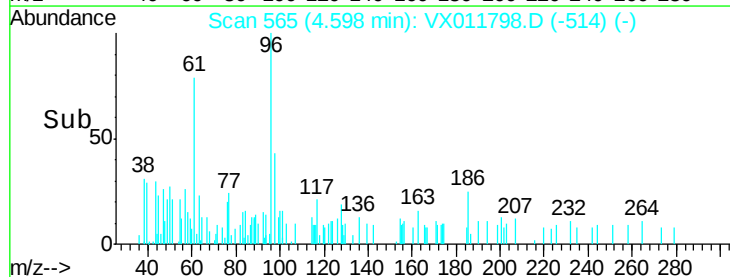
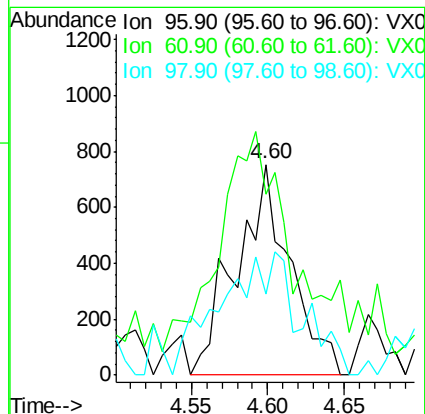
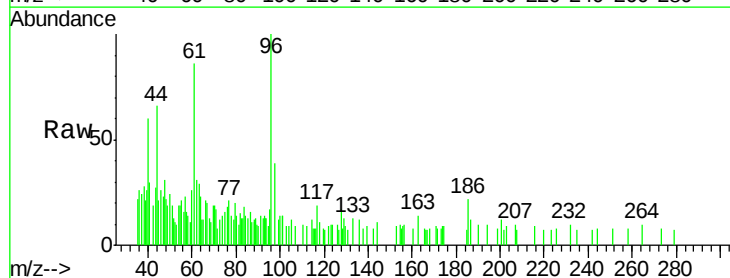
Tgt Ion: 96 Resp: 1839

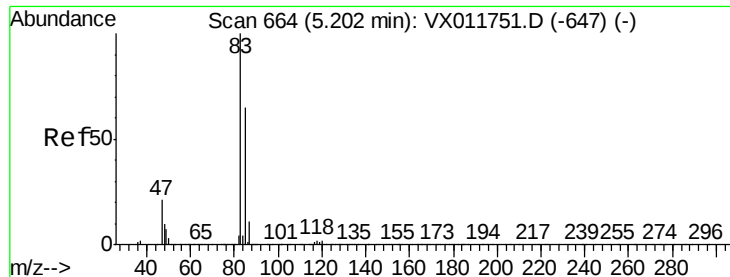
Ion Ratio Lower Upper

96 100

61 158.8 0.0 275.8

98 74.9 0.0 128.2





#30

Chloroform

Concen: 3.811 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011798.D

Acq: 23 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

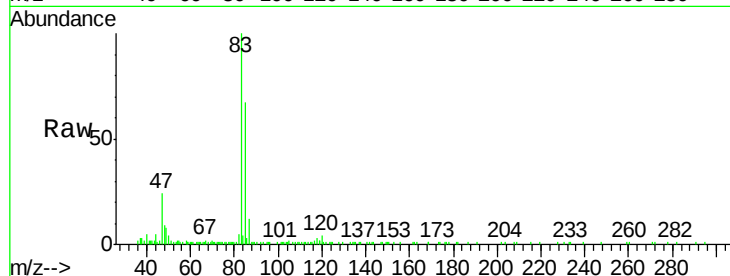
WP-2

Tot Ion: 83 Resp: 28570

Ion Ratio Lower Upper

83 100

85 66.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.20

10000

8000

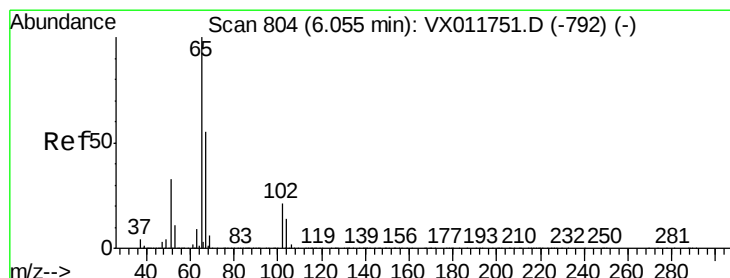
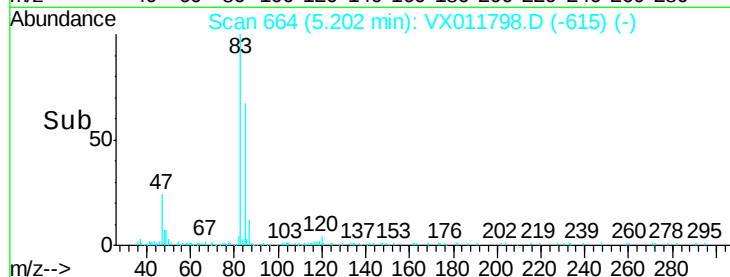
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.795 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011798.D

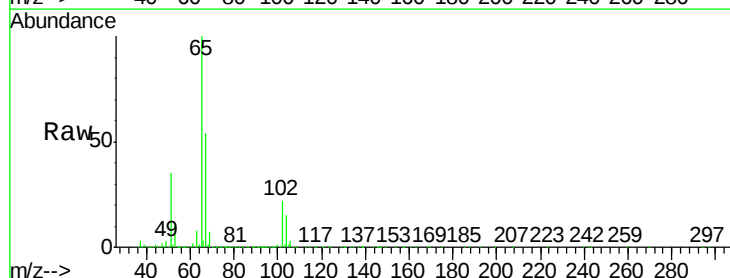
Acq: 23 Aug 2019 15:17

Tgt Ion: 65 Resp: 211176

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

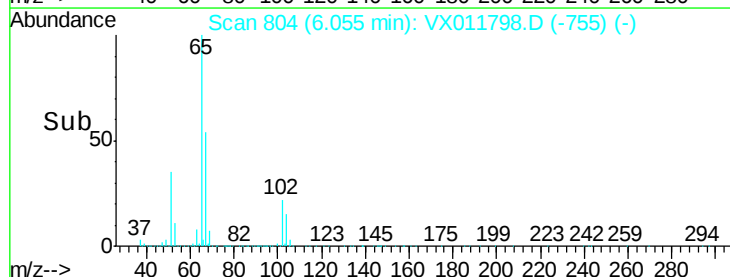
60000

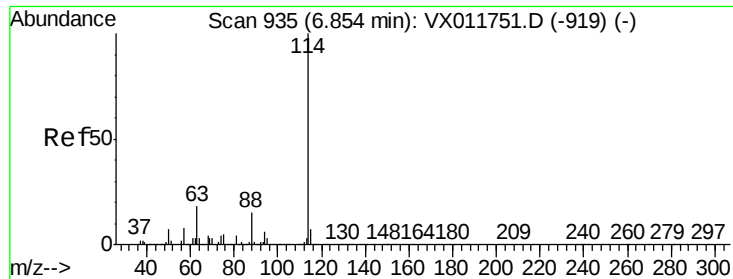
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011798.D

Acq: 23 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

WP-2

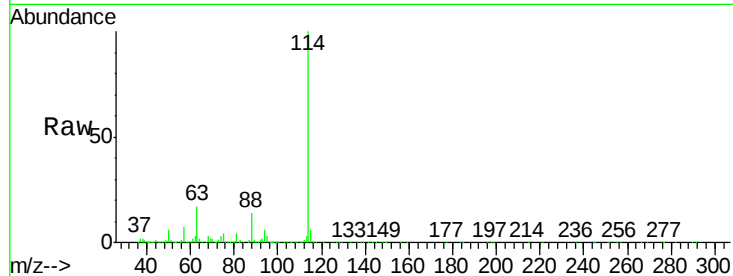
Tot Ion:114 Resp: 647134

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

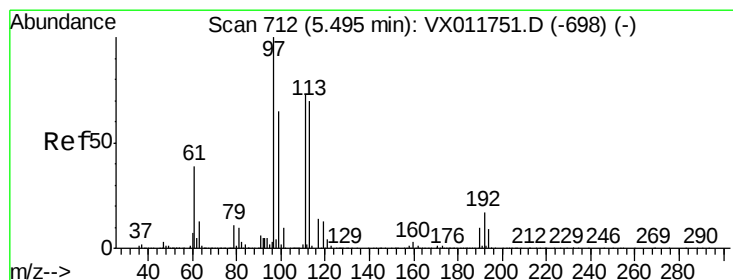
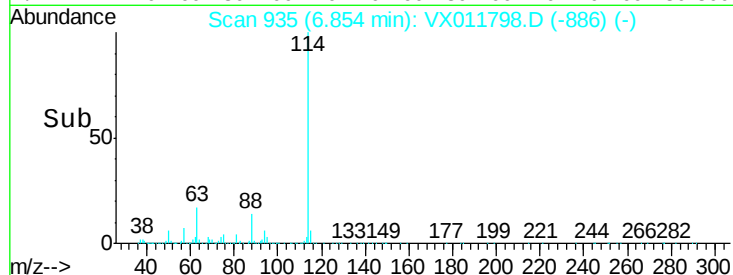
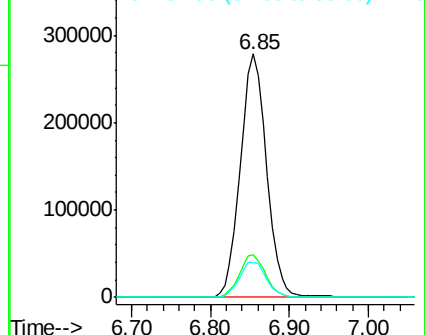
88 14.4 0.0 30.2



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: 45.115 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011798.D

Acq: 23 Aug 2019 15:17

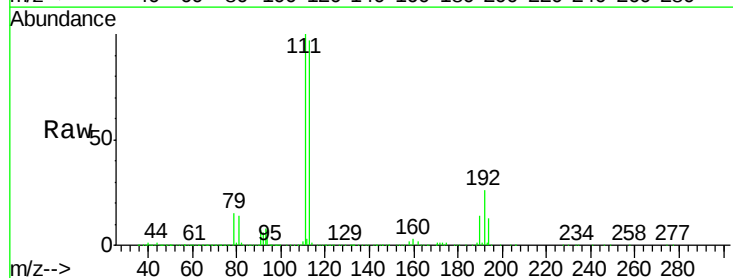
Tgt Ion:113 Resp: 188791

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.4

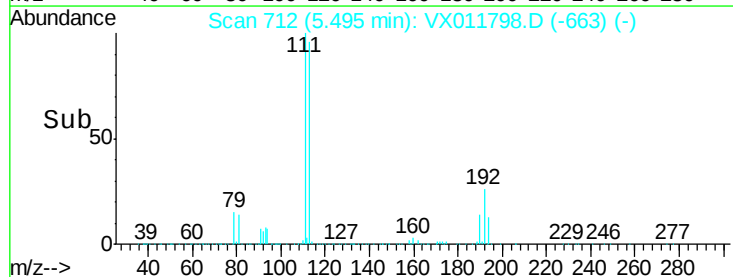
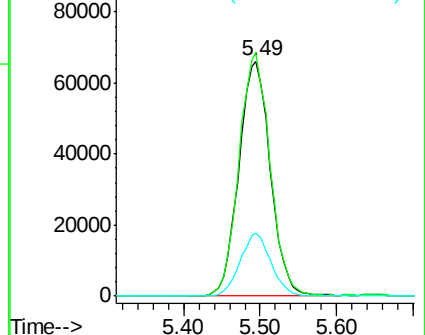
192 26.2 19.9 29.9

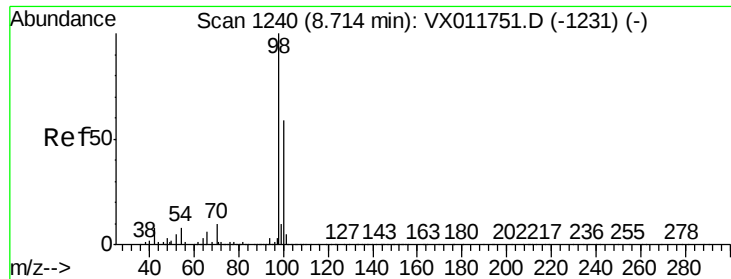


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.212 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011798.D

Acq: 23 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampled :

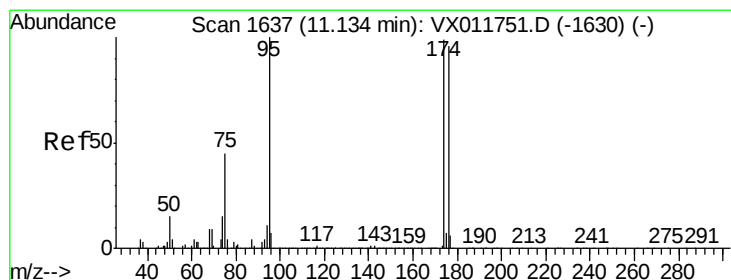
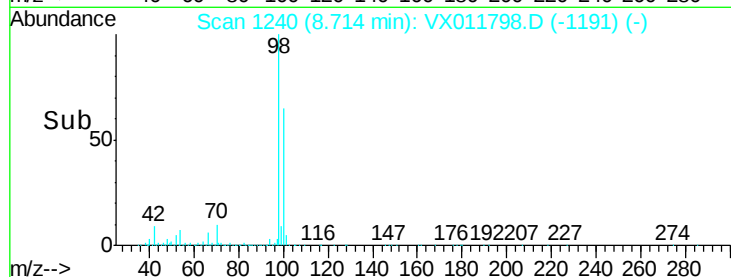
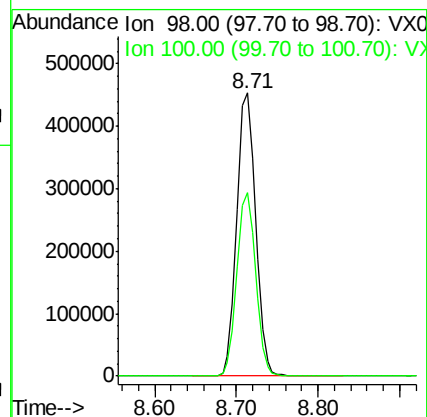
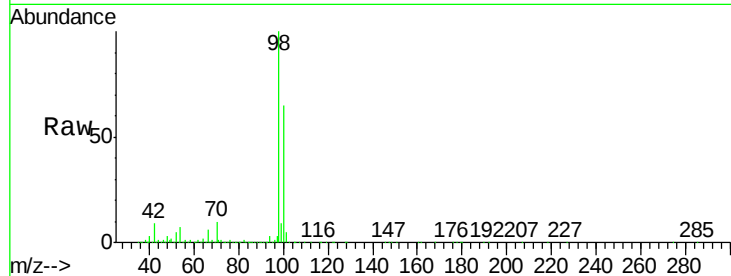
WP-2

Tot Ion: 98 Resp: 718299

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 43.587 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011798.D

Acq: 23 Aug 2019 15:17

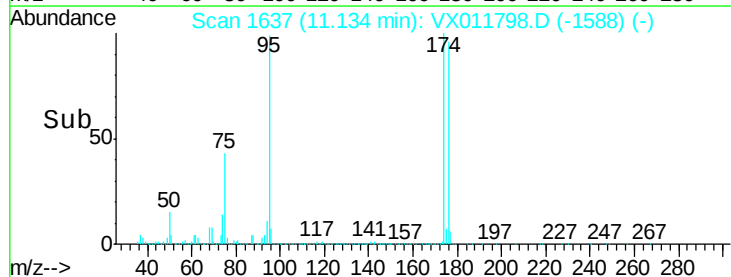
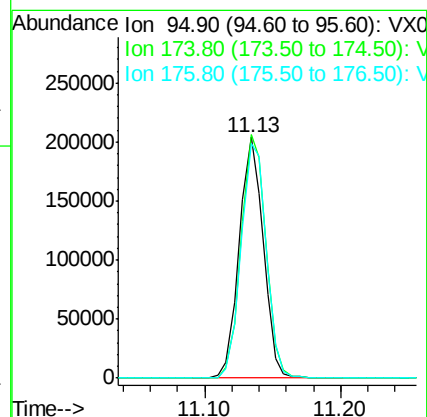
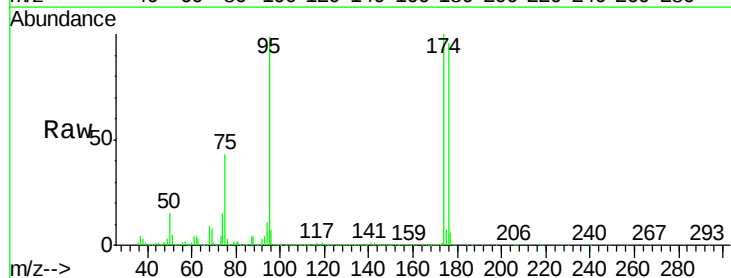
Tgt Ion: 95 Resp: 251461

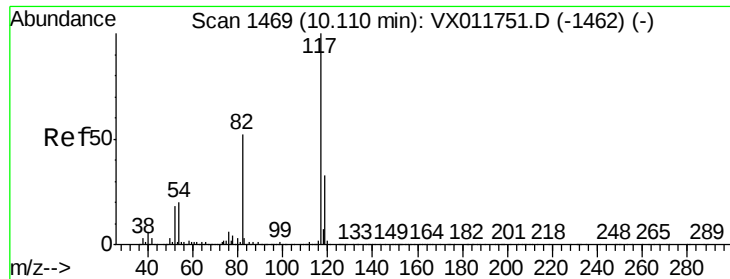
Ion Ratio Lower Upper

95 100

174 104.0 0.0 197.4

176 101.8 0.0 194.4

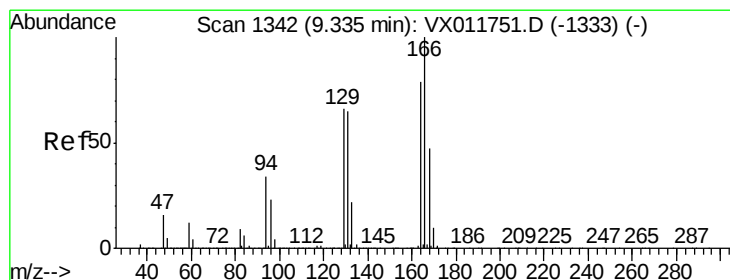
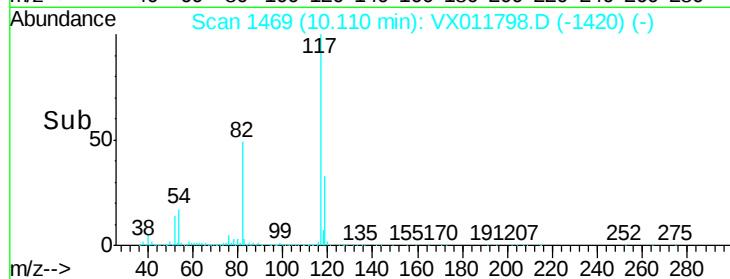
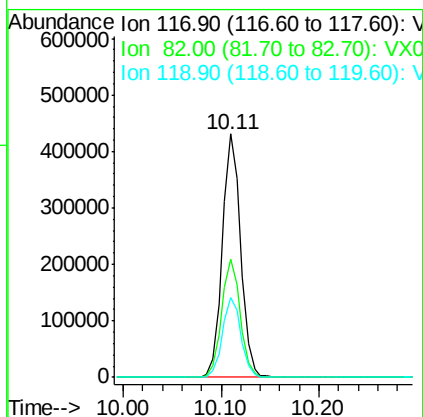
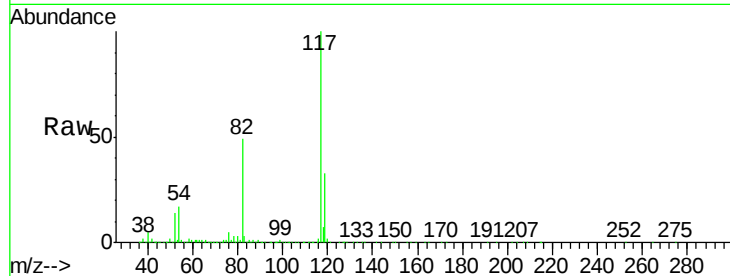




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011798.D
Acq: 23 Aug 2019 15:17

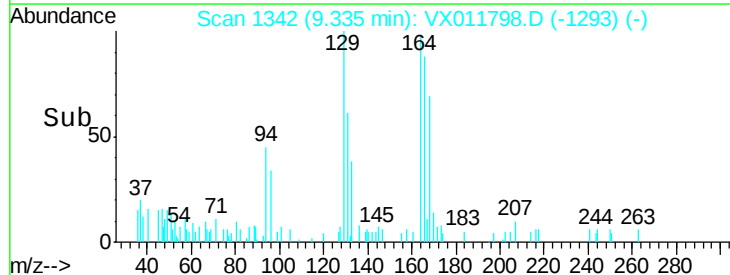
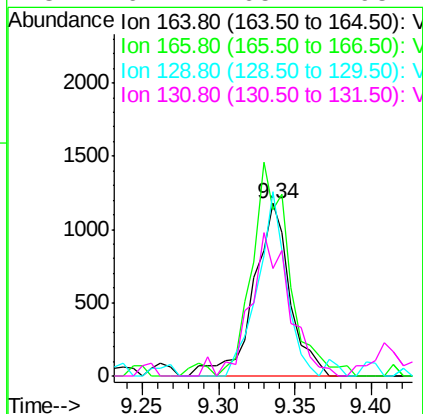
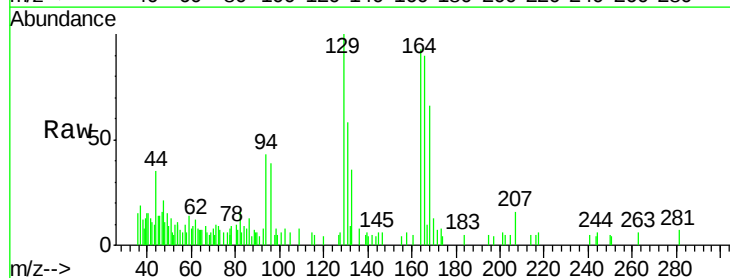
Instrument :
MSVOA_X
ClientSampled :
WP-2

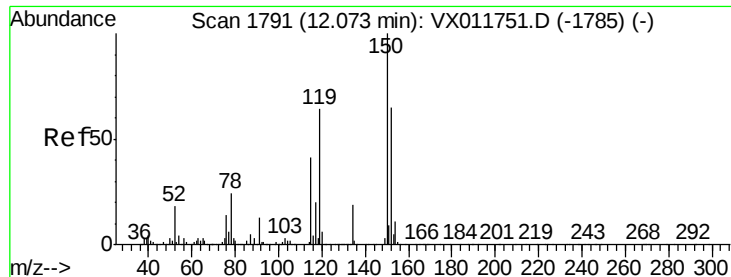
Tot Ion:117 Resp: 558765
Ion Ratio Lower Upper
117 100
82 48.8 41.7 62.5
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 0.436 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011798.D
Acq: 23 Aug 2019 15:17

Tgt Ion:164 Resp: 1944
Ion Ratio Lower Upper
164 100
166 91.8 100.7 151.1#
129 107.0 66.8 100.2#
131 62.4 65.4 98.2#



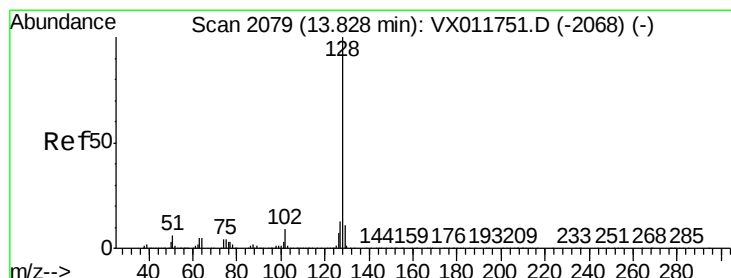
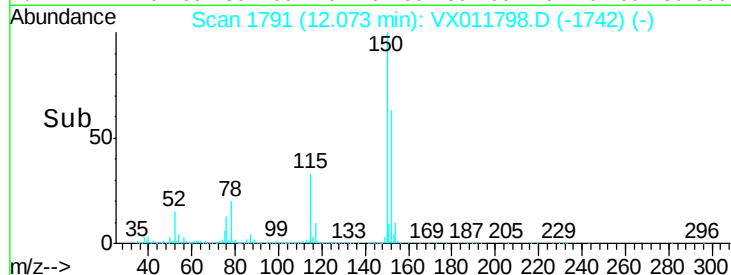
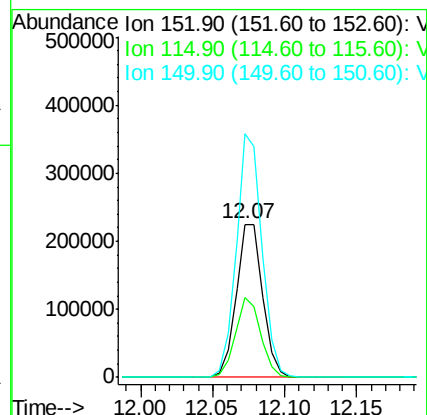
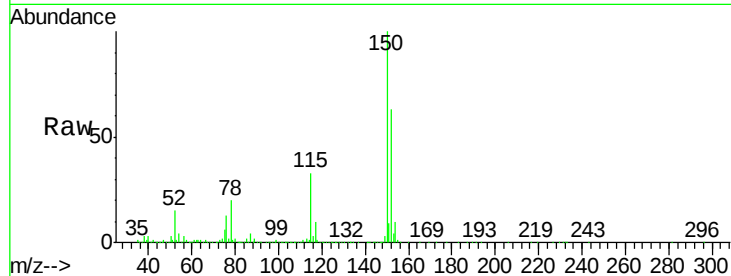


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011798.D
Acq: 23 Aug 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
WP-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	50.1	37.3	111.8
150	155.0	0.0	343.0



#95

Naphthalene
Concen: 4.092 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011798.D
Acq: 23 Aug 2019 15:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.3	8.7	13.1

