

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011388.D
 Acq On : 08 Aug 2019 13:42
 Operator : JC/SP
 Sample : K4220-10DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01_080719DL

Quant Time: Aug 09 04:47:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

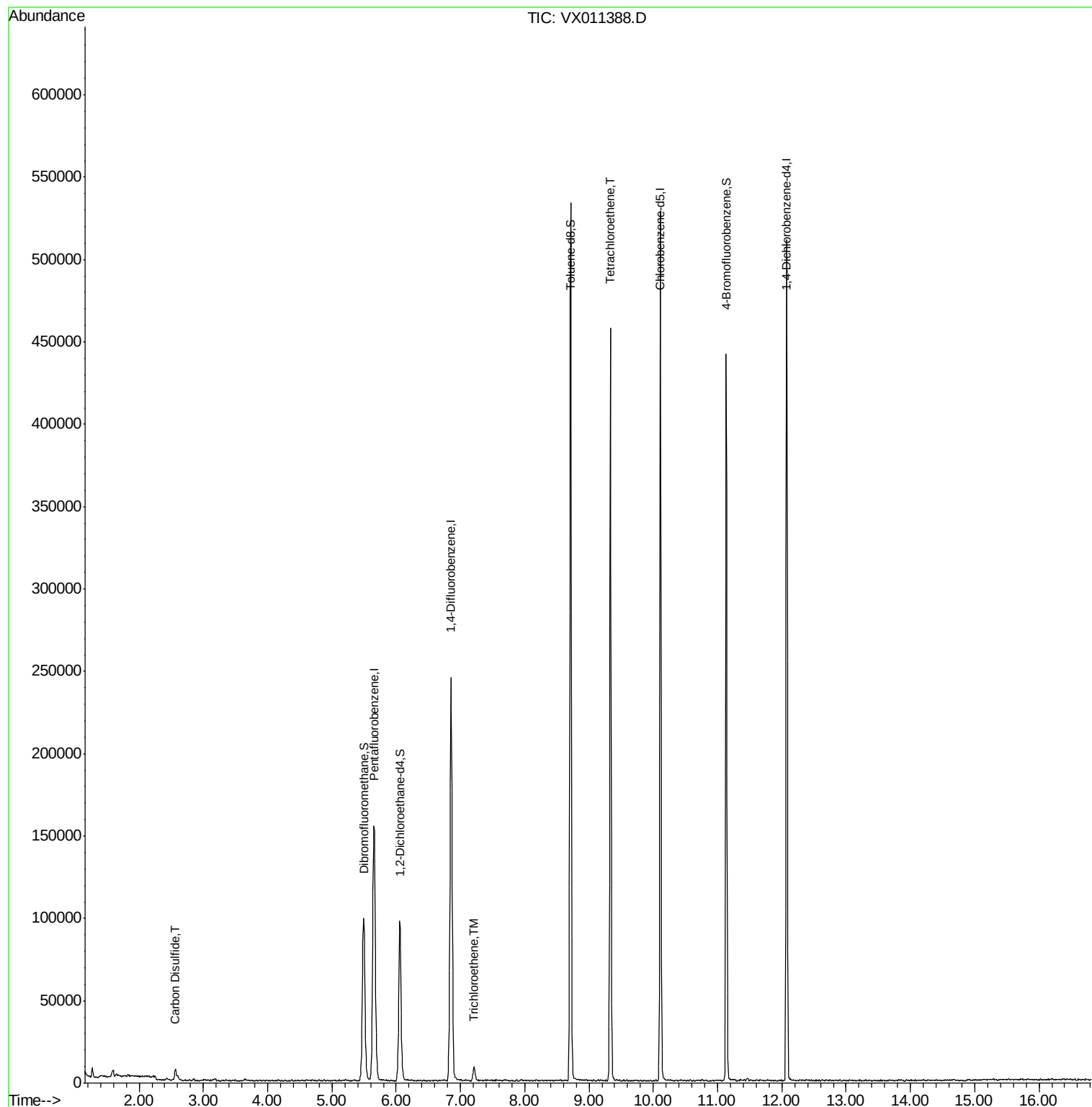
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	252393	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	92084	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
35) Dibromofluoromethane	5.49	113	83032	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	8.71	98	311647	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	107892	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
17) Carbon Disulfide	2.56	76	8145	2.468	ug/l	99
44) Trichloroethene	7.21	130	3415	1.716	ug/l	82
64) Tetrachloroethene	9.34	164	90349	43.658	ug/l	97

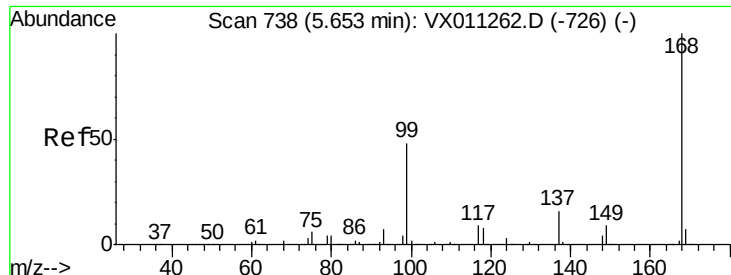
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011388.D

Acq: 08 Aug 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

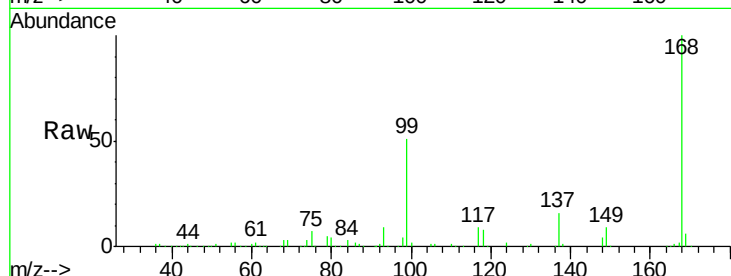
DUP-01_080719DL

Tot Ion:168 Resp: 154570

Ion Ratio Lower Upper

168 100

99 51.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

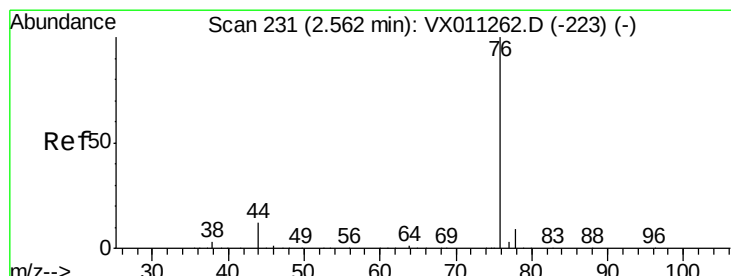
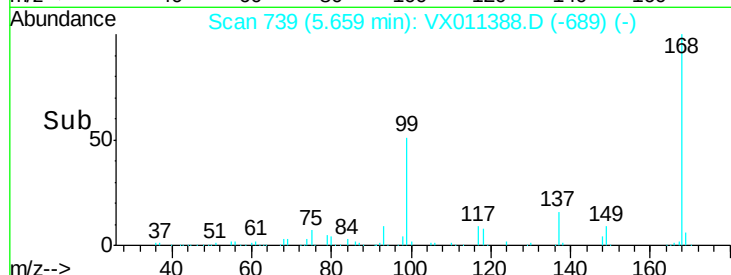
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#17

Carbon Disulfide

Concen: 2.468 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011388.D

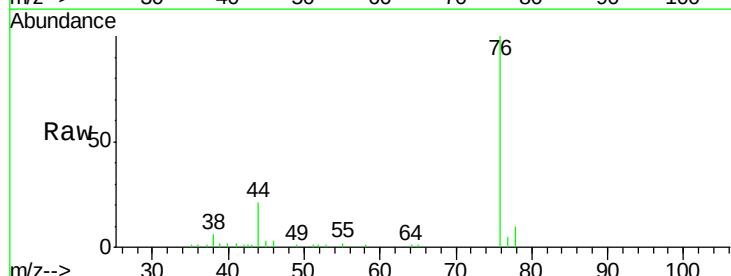
Acq: 08 Aug 2019 13:42

Tgt Ion: 76 Resp: 8145

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

6000

5000

4000

3000

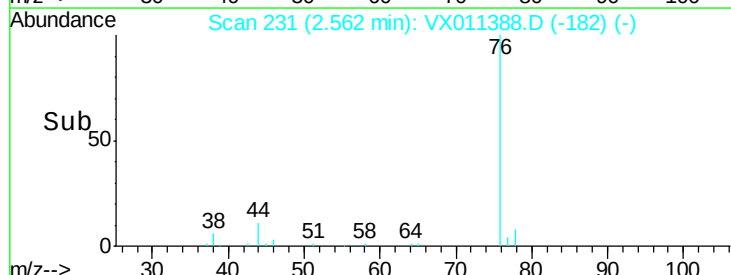
2000

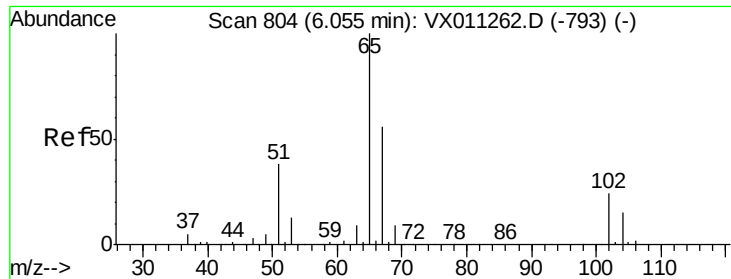
1000

0

Time-->

2.50 2.55 2.60 2.65

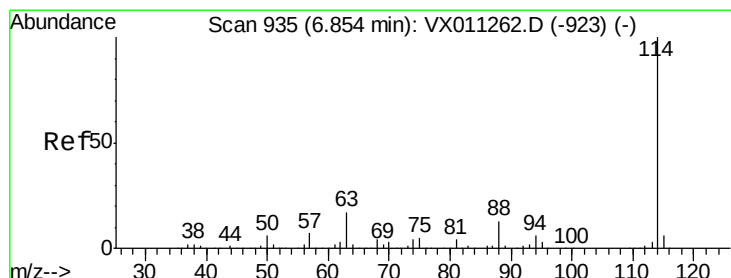
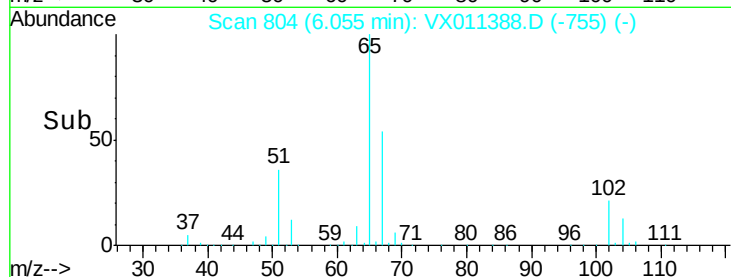
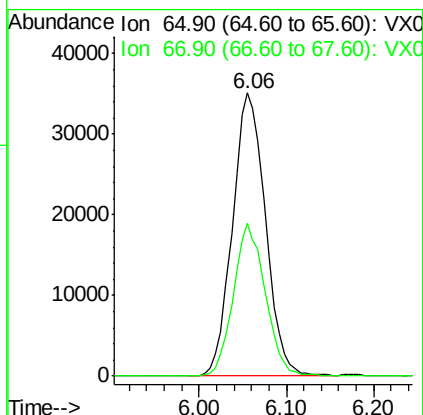
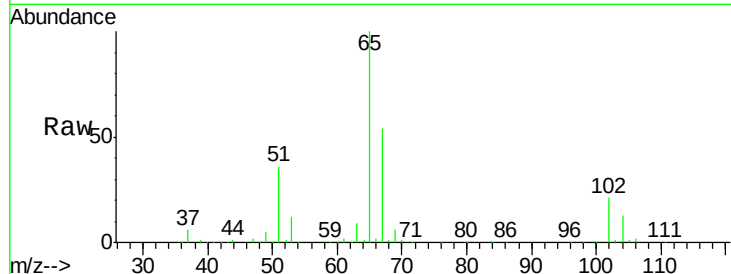




#33
 1,2-Dichloroethane-d4
 Concen: 59.157 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011388.D
 Acq: 08 Aug 2019 13:42

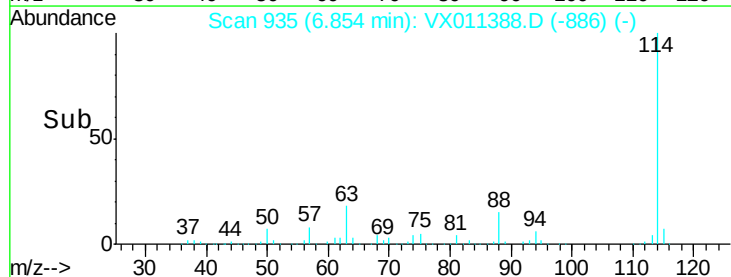
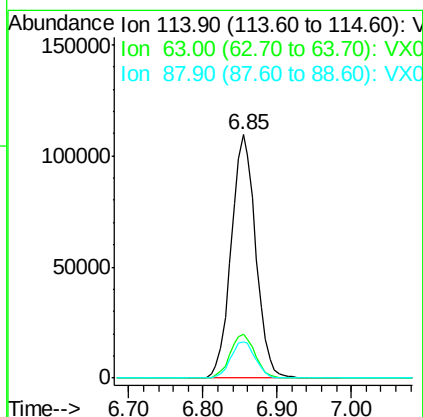
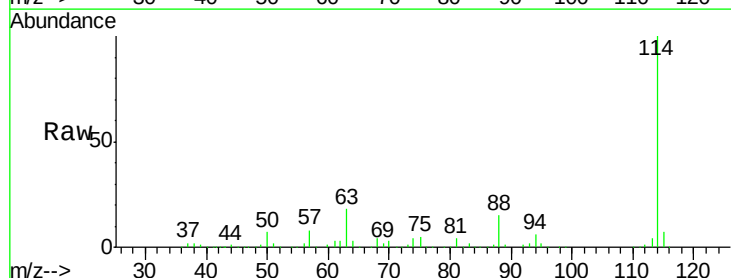
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01_080719DL

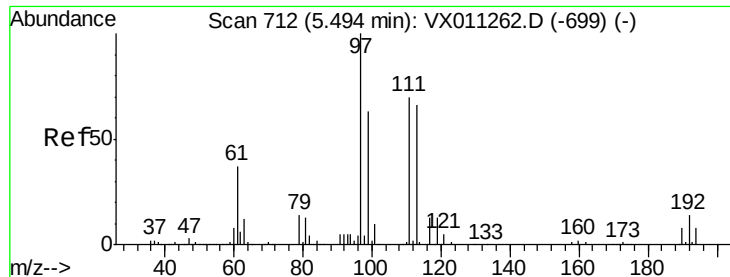
Tot Ion: 65 Resp: 92084
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011388.D
 Acq: 08 Aug 2019 13:42

Tgt Ion: 114 Resp: 252393
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 14.8 0.0 26.4





#35

Dibromofluoromethane

Concen: 50.389 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011388.D

Acq: 08 Aug 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

DUP-01_080719DL

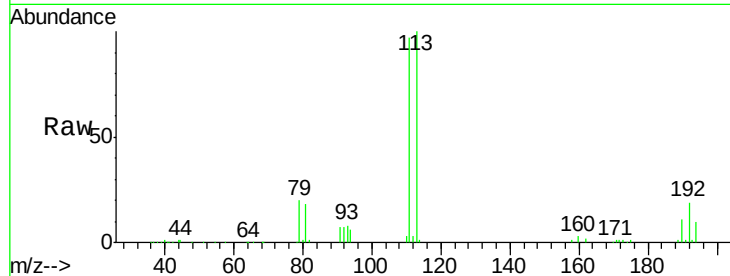
Tot Ion:113 Resp: 83032

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

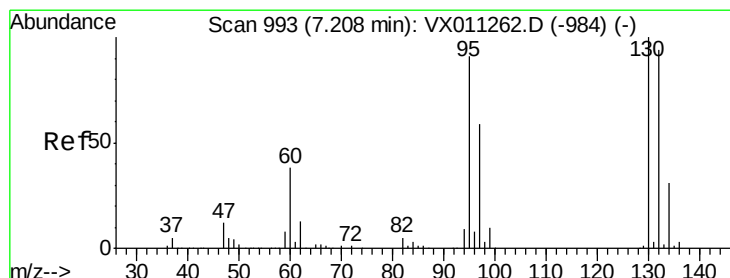
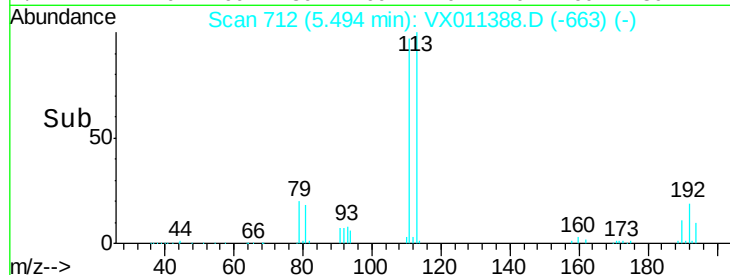
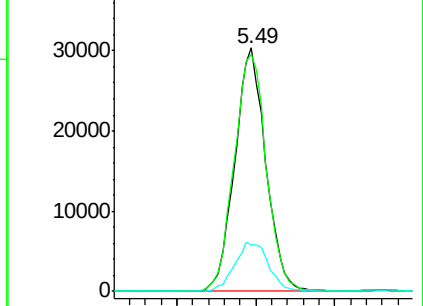
192 21.9 17.8 26.8



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



#44

Trichloroethene

Concen: 1.716 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011388.D

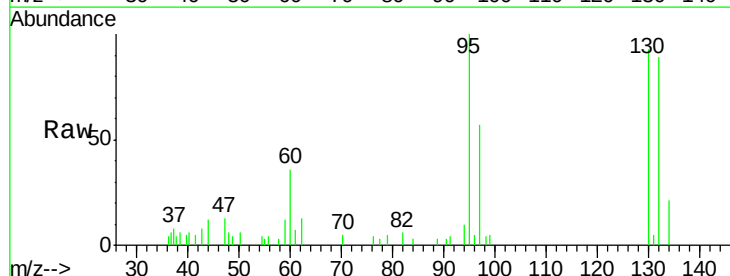
Acq: 08 Aug 2019 13:42

Tgt Ion:130 Resp: 3415

Ion Ratio Lower Upper

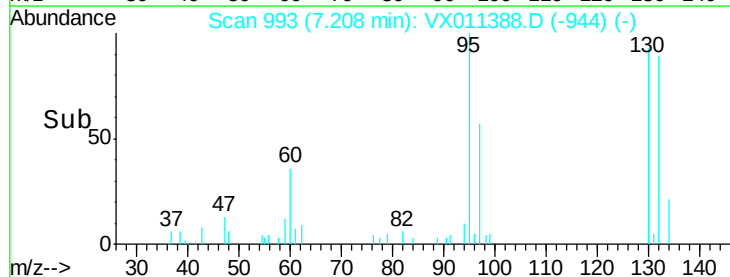
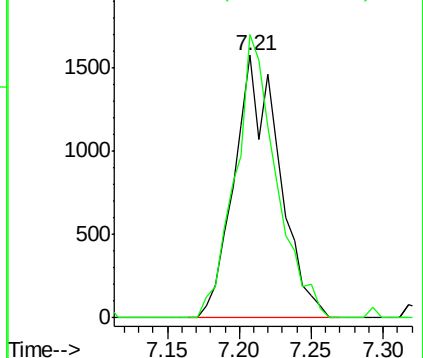
130 100

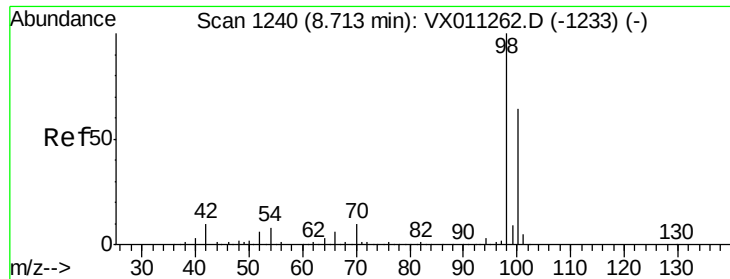
95 107.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.104 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011388.D

Acq: 08 Aug 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

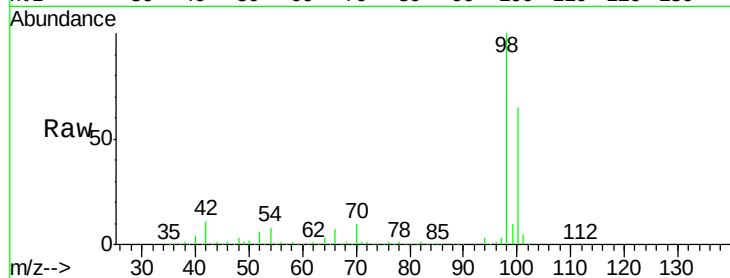
DUP-01_080719DL

Tot Ion: 98 Resp: 311647

Ion Ratio Lower Upper

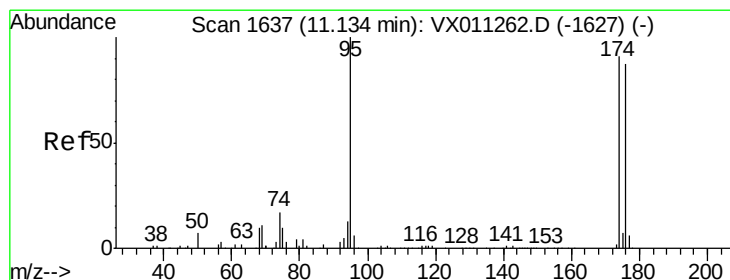
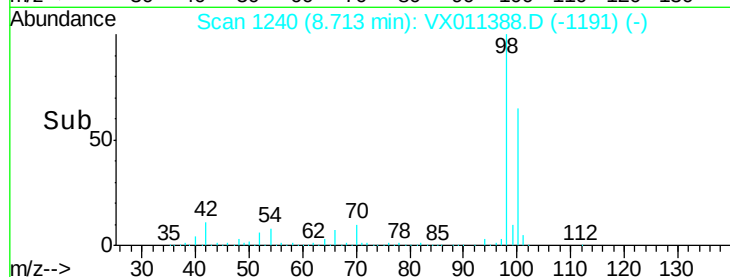
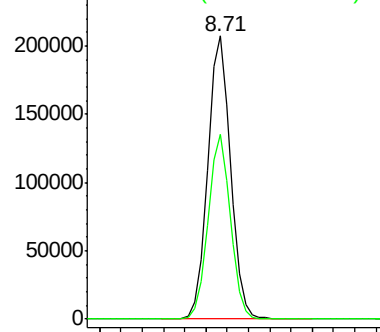
98 100

100 64.1 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: 48.584 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011388.D

Acq: 08 Aug 2019 13:42

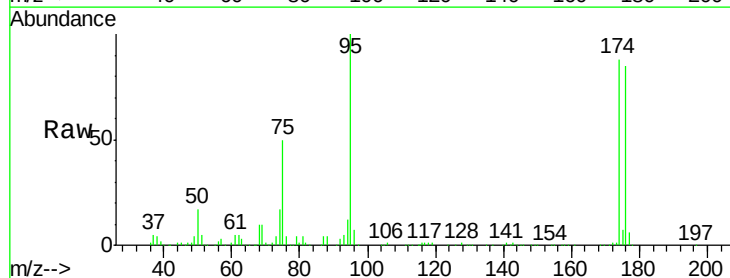
Tgt Ion: 95 Resp: 107892

Ion Ratio Lower Upper

95 100

174 90.3 0.0 191.2

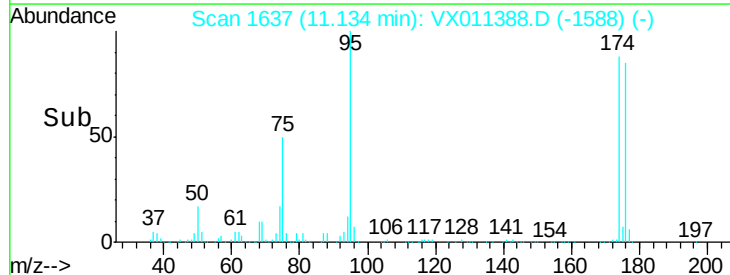
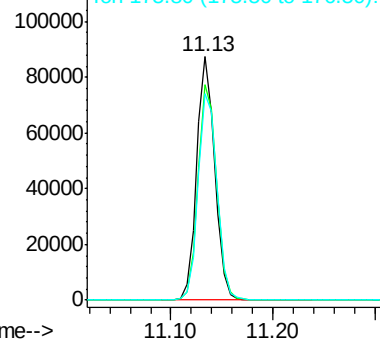
176 88.0 0.0 184.8

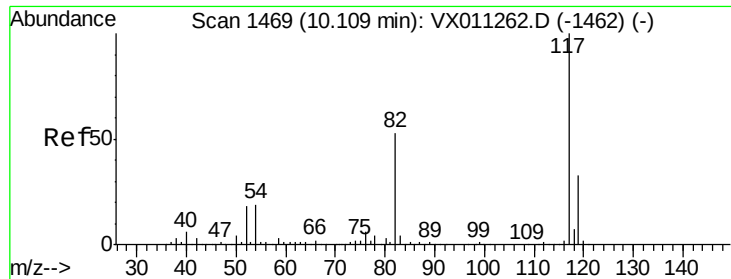


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

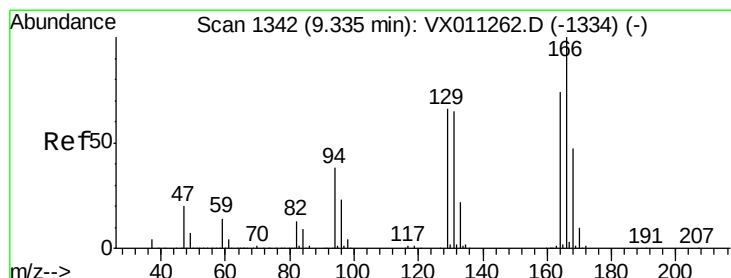
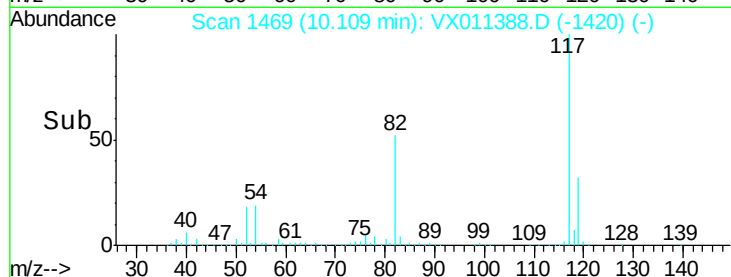
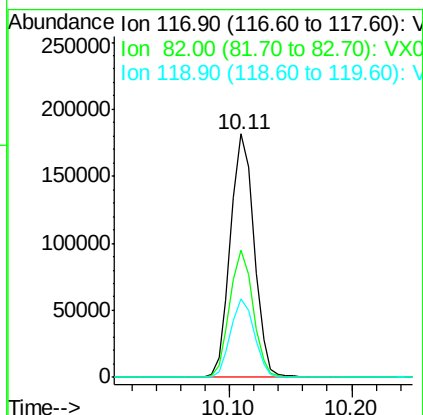
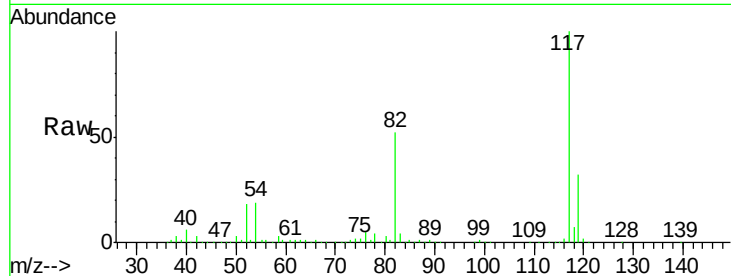




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011388.D
Acq: 08 Aug 2019 13:42

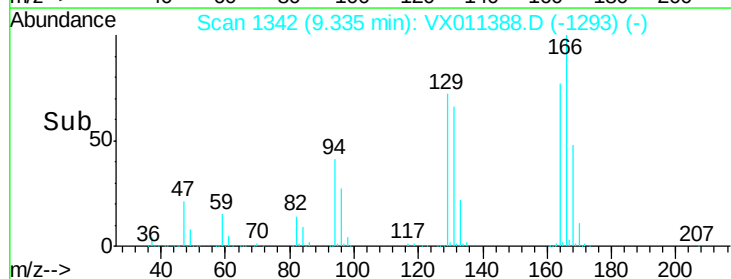
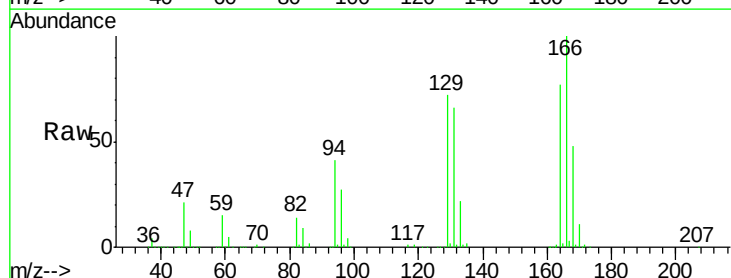
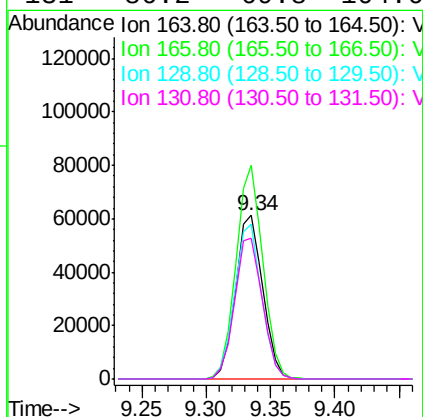
Instrument :
MSVOA_X
ClientSampleId :
DUP-01_080719DL

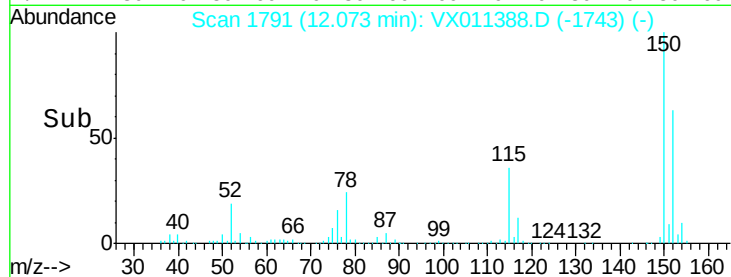
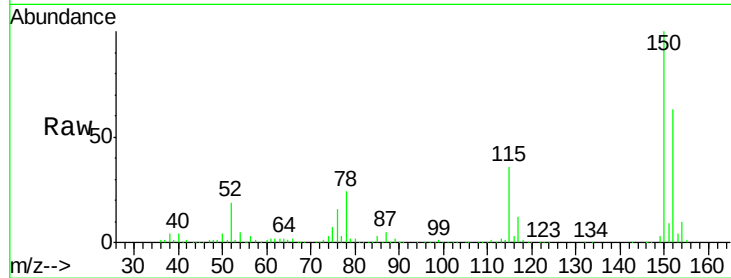
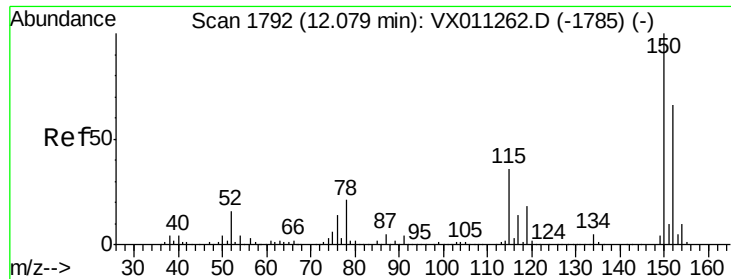
Tot Ion:117 Resp: 243685
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 43.658 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011388.D
Acq: 08 Aug 2019 13:42

Tgt Ion:164 Resp: 90349
Ion Ratio Lower Upper
164 100
166 130.6 107.5 161.3
129 94.6 71.0 106.4
131 86.2 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011388.D

Acq: 08 Aug 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

DUP-01_080719DL

Tot Ion:152 Resp: 108976

Ion Ratio Lower Upper

152 100

115 55.7 40.0 119.9

150 157.9 0.0 350.4

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

