

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009550.D
 Acq On : 13 May 2019 17:51
 Operator : JC/SP
 Sample : K2840-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01_051319

Quant Time: May 14 12:27:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

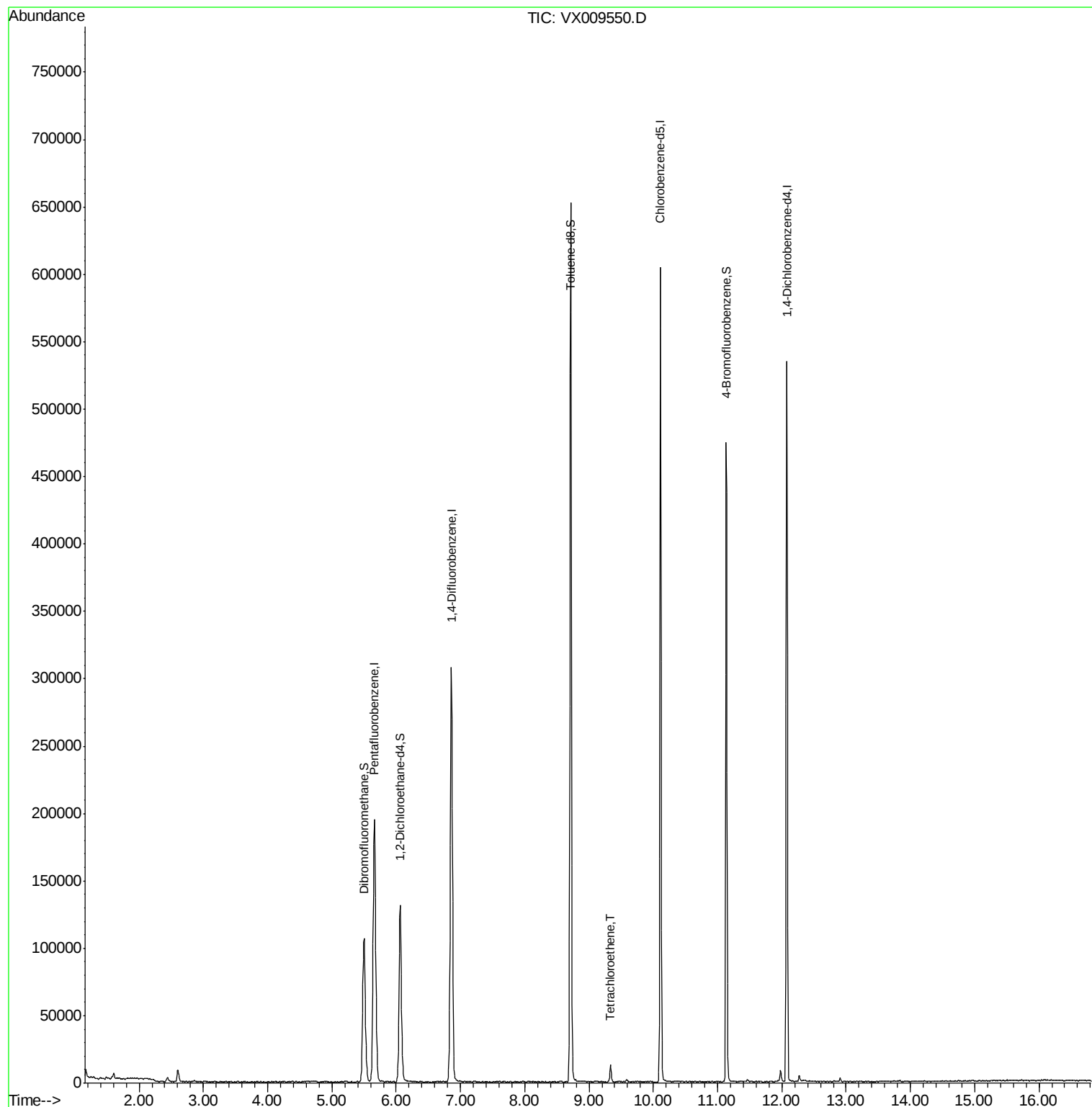
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123755	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
35) Dibromofluoromethane	5.50	113	92007	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	378128	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	125288	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
64) Tetrachloroethene	9.34	164	2410	1.321	ug/l	Qvalue 96

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

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009550.D

Acq: 13 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

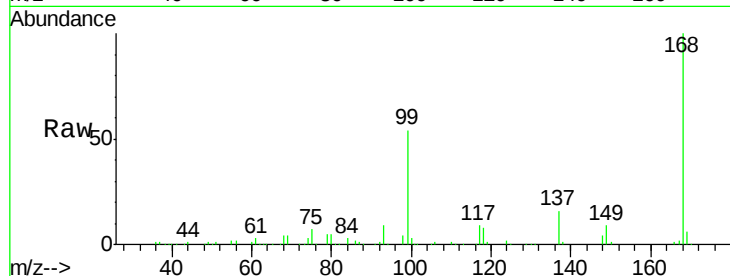
DUP-01_051319

Tot Ion:168 Resp: 190938

Ion Ratio Lower Upper

168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

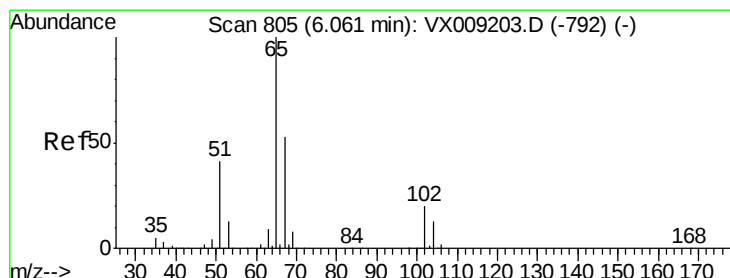
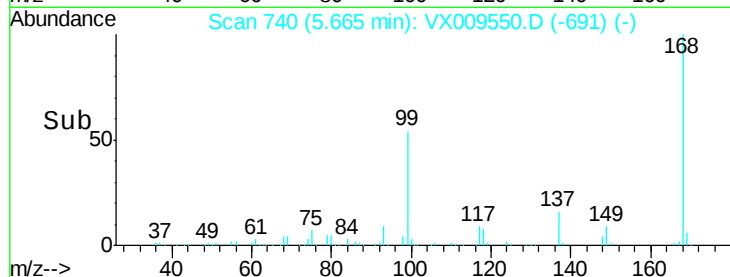
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.479 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009550.D

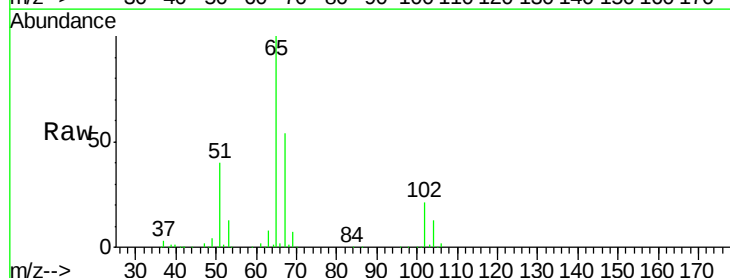
Acq: 13 May 2019 17:51

Tgt Ion: 65 Resp: 123755

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

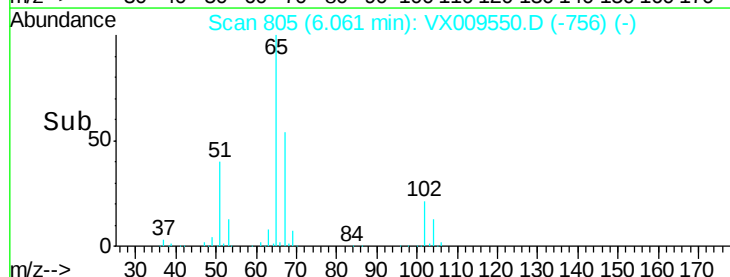
30000

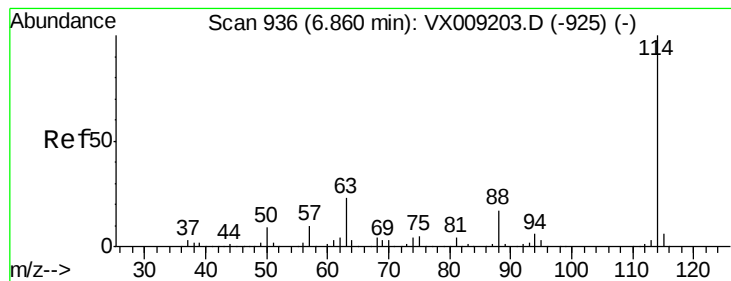
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009550.D

Acq: 13 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

DUP-01_051319

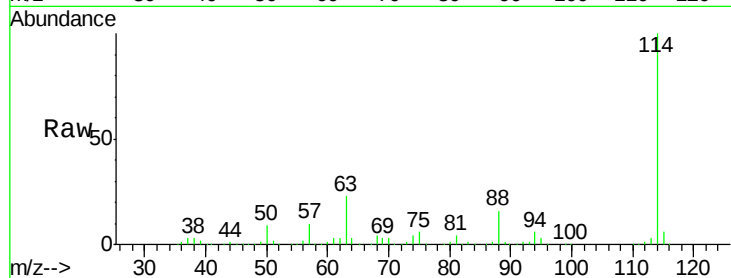
Tot Ion:114 Resp: 302675

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

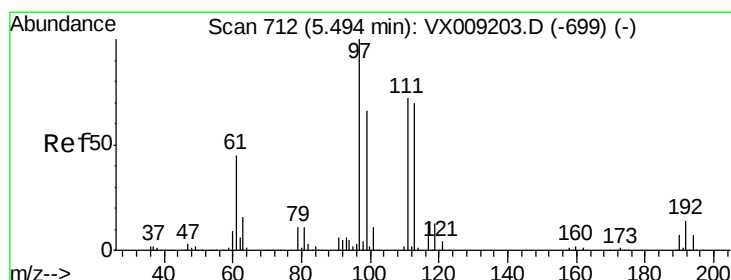
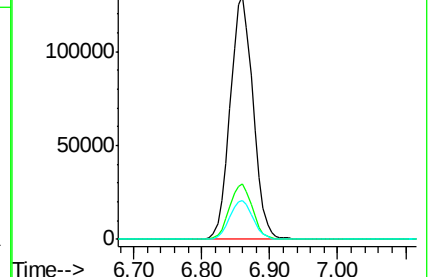
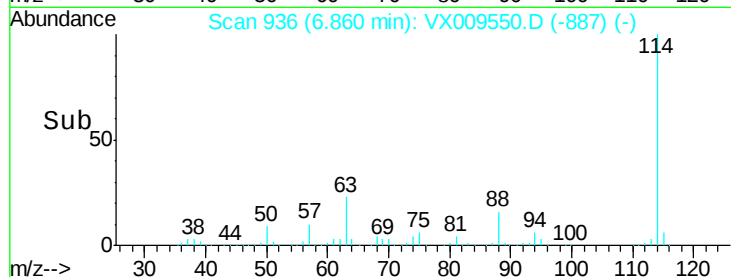
88 16.0 0.0 33.2



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: 48.355 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009550.D

Acq: 13 May 2019 17:51

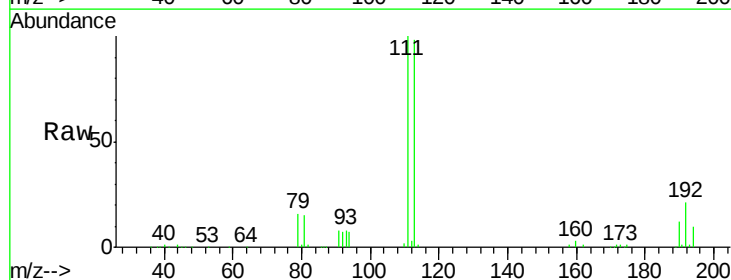
Tgt Ion:113 Resp: 92007

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

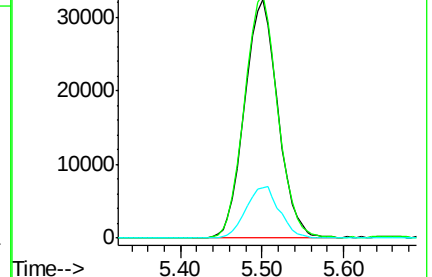
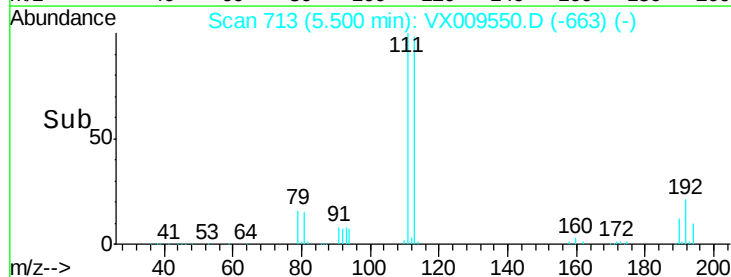
192 21.7 17.0 25.6

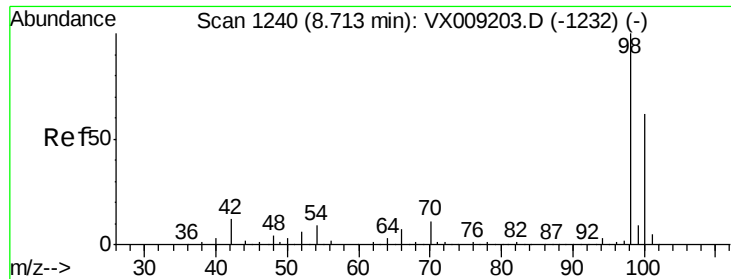


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.224 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009550.D

Acq: 13 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

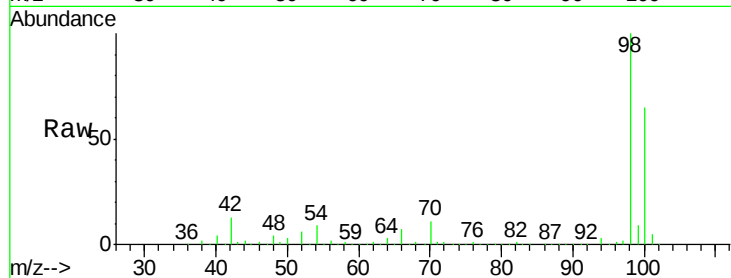
DUP-01_051319

Tot Ion: 98 Resp: 378128

Ion Ratio Lower Upper

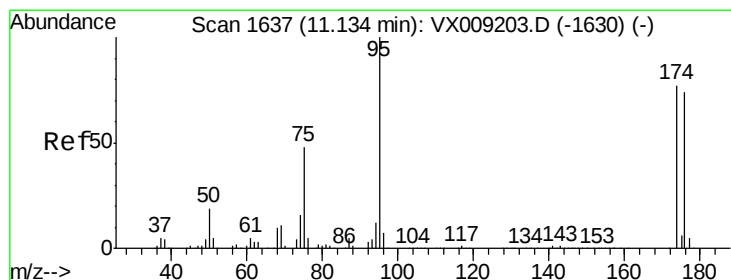
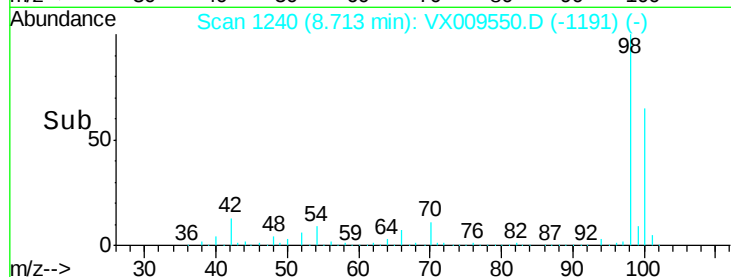
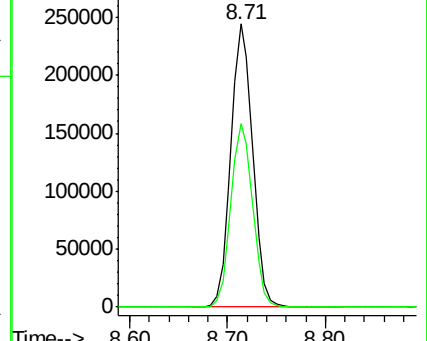
98 100

100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.885 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009550.D

Acq: 13 May 2019 17:51

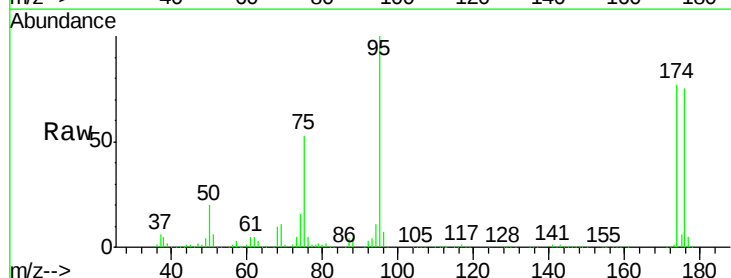
Tgt Ion: 95 Resp: 125288

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

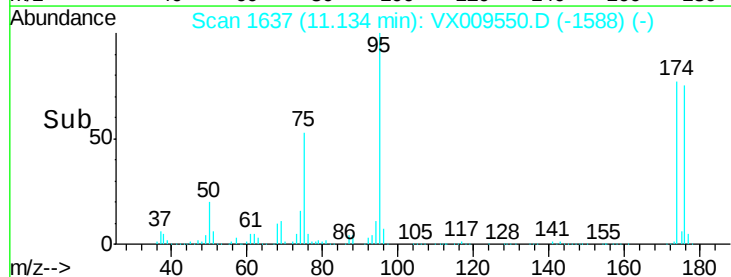
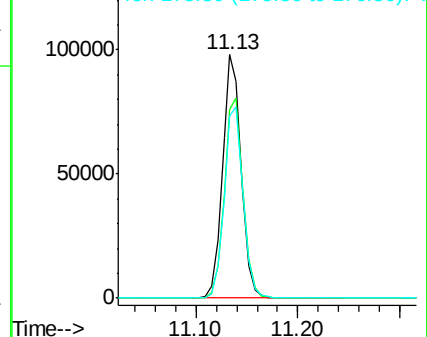
176 79.6 0.0 159.2

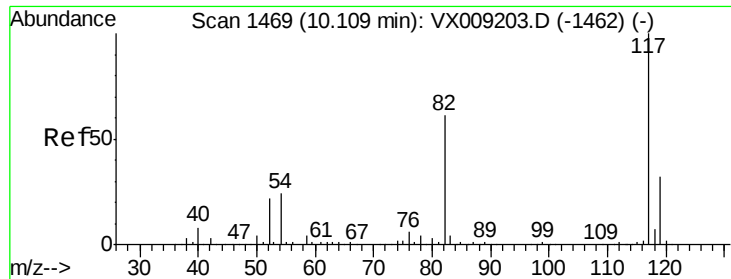


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

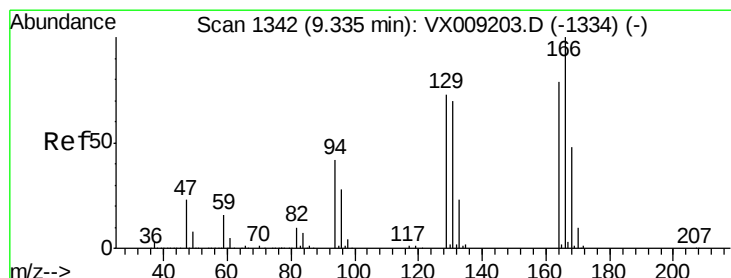
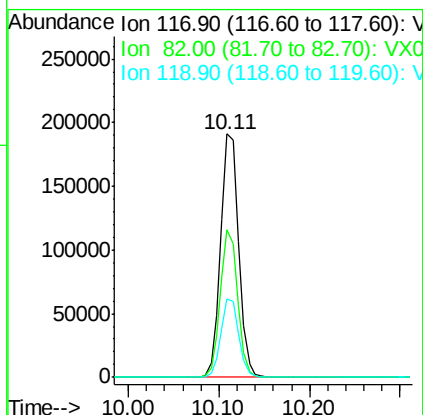
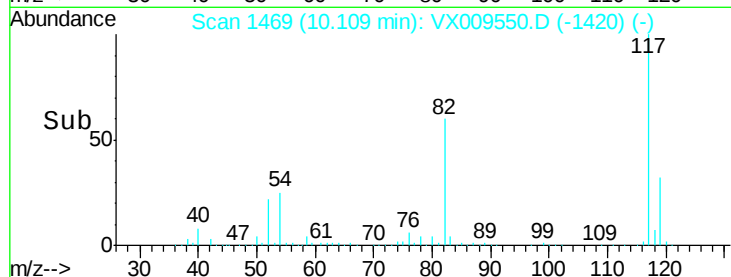
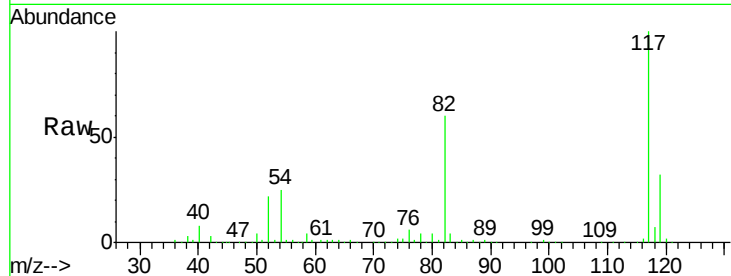




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009550.D
Acq: 13 May 2019 17:51

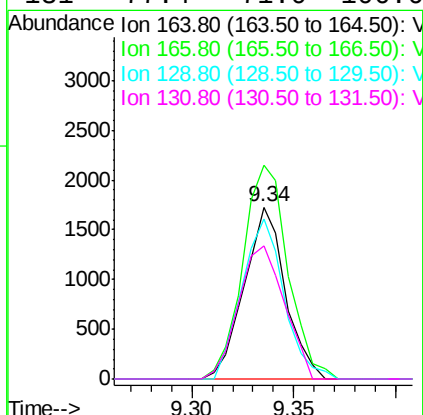
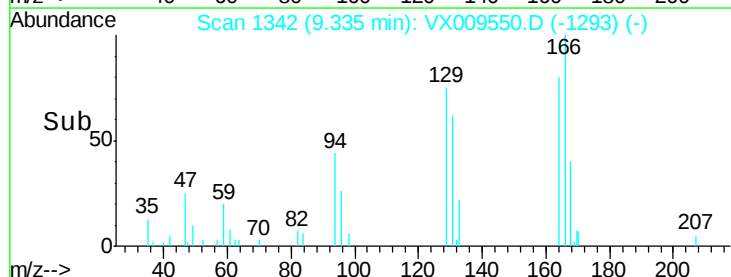
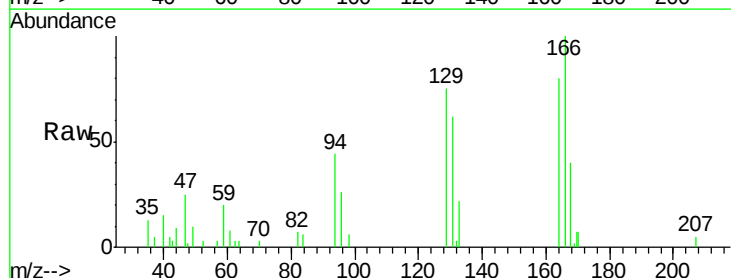
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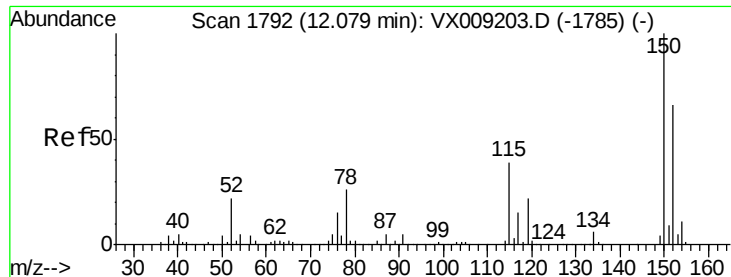
Tot Ion:117 Resp: 265948
Ion Ratio Lower Upper
117 100
82 60.4 48.8 73.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 1.321 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009550.D
Acq: 13 May 2019 17:51

Tgt Ion:164 Resp: 2410
Ion Ratio Lower Upper
164 100
166 124.3 101.2 151.8
129 93.5 74.3 111.5
131 77.4 71.0 106.6

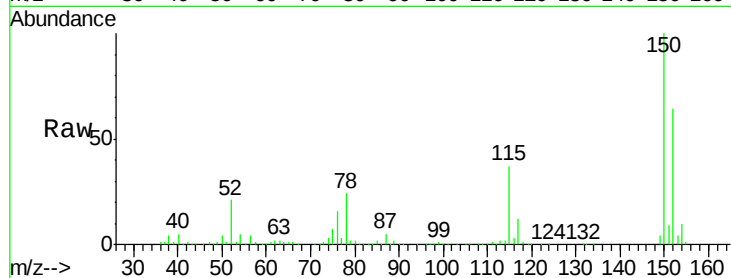




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009550.D
 Acq: 13 May 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01_051319

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.2	123.6
150	156.4	0.0	346.4



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

