

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009324.D
 Acq On : 03 May 2019 20:57
 Operator : JC/SP
 Sample : K2687-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW717-190502

Quant Time: May 04 06:04:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

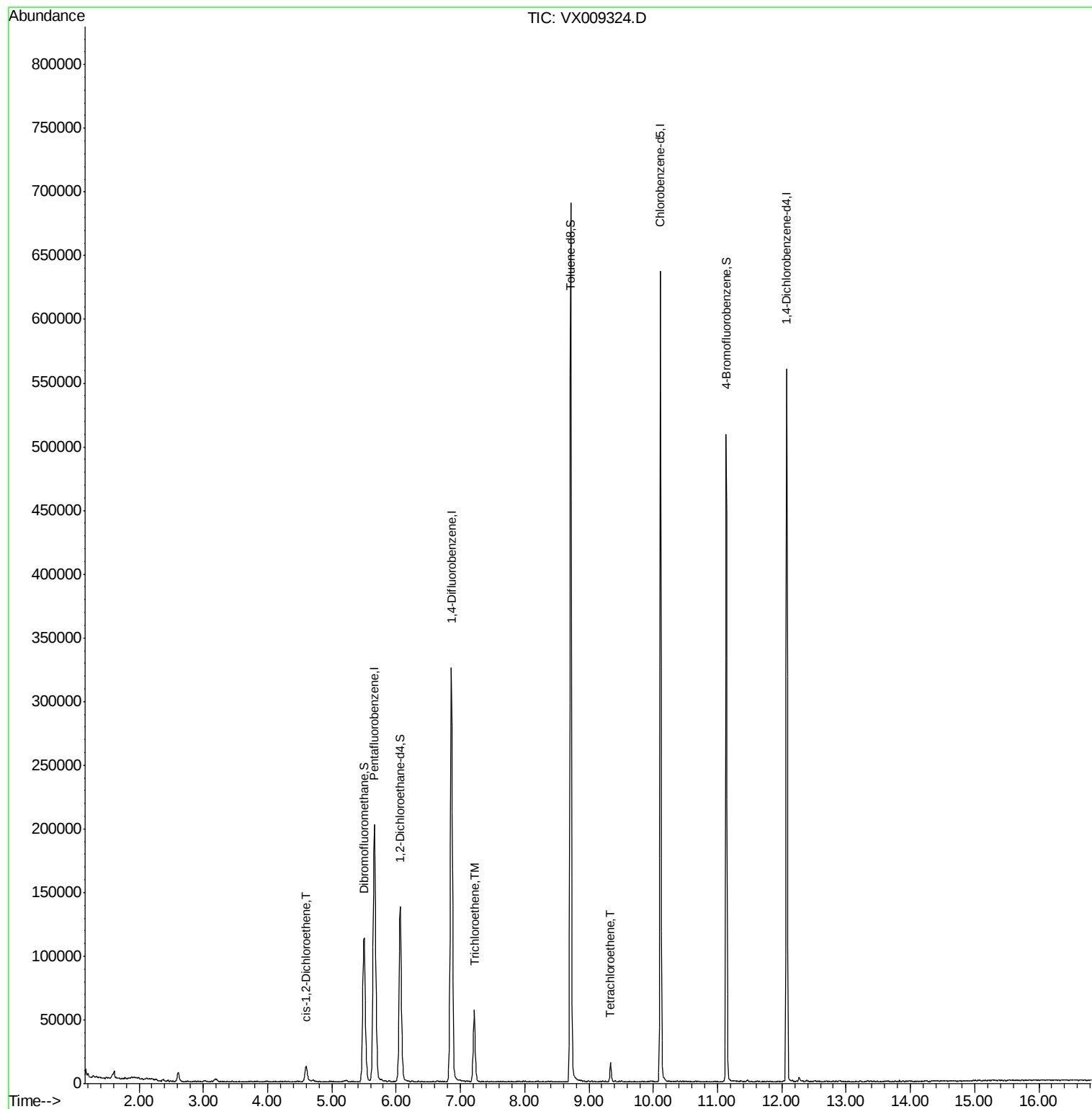
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131256	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	5.50	113	97063	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	399518	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	131212	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	7355	3.061	ug/l	91
44) Trichloroethene	7.22	130	21472	9.659	ug/l	93
64) Tetrachloroethene	9.34	164	2848	1.488	ug/l	96

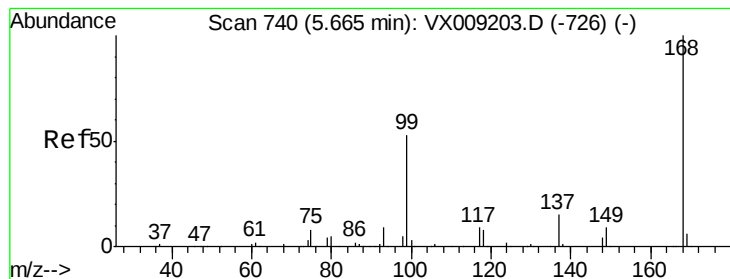
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009324.D

Acq: 03 May 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

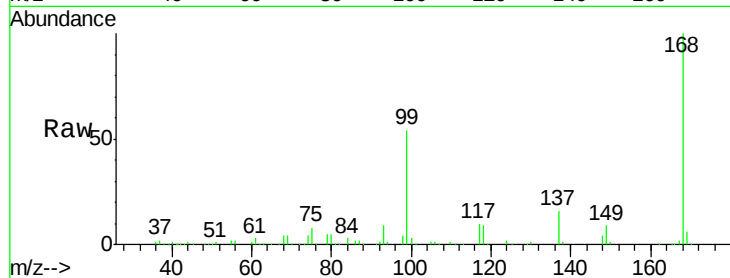
SS052MW717-190502

Tot Ion:168 Resp: 197806

Ion Ratio Lower Upper

168 100

99 54.2 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

80000

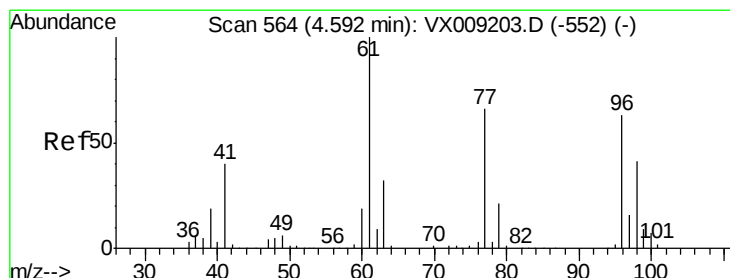
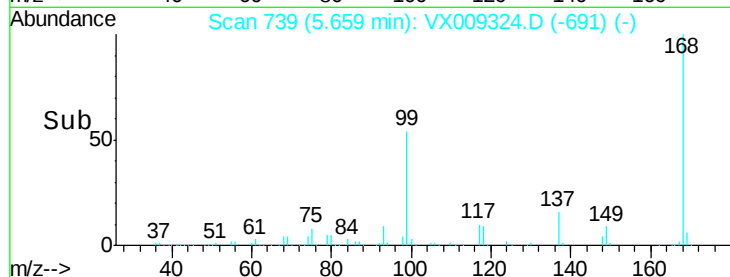
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 3.061 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009324.D

Acq: 03 May 2019 20:57

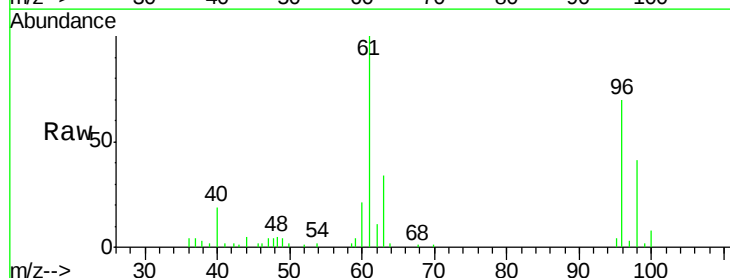
Tgt Ion: 96 Resp: 7355

Ion Ratio Lower Upper

96 100

61 145.3 0.0 324.0

98 66.5 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

5000

4000

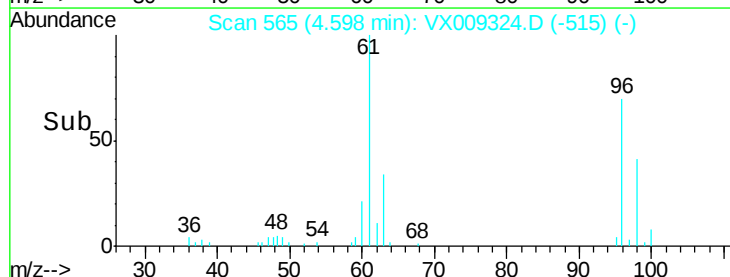
3000

2000

1000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.608 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009324.D

Acq: 03 May 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

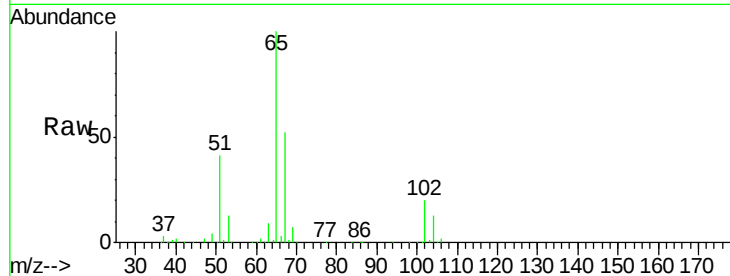
SS052MW717-190502

Tot Ion: 65 Resp: 131256

Ion Ratio Lower Upper

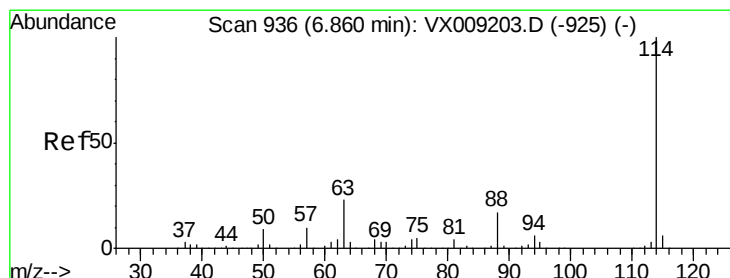
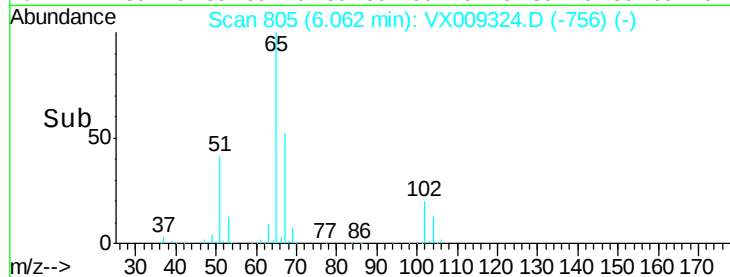
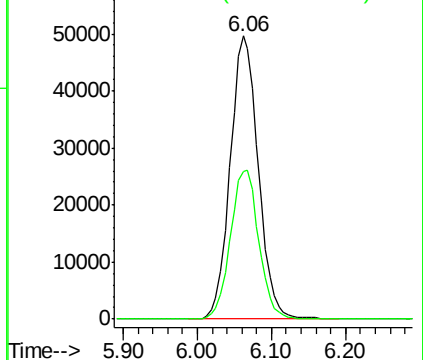
65 100

67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009324.D

Acq: 03 May 2019 20:57

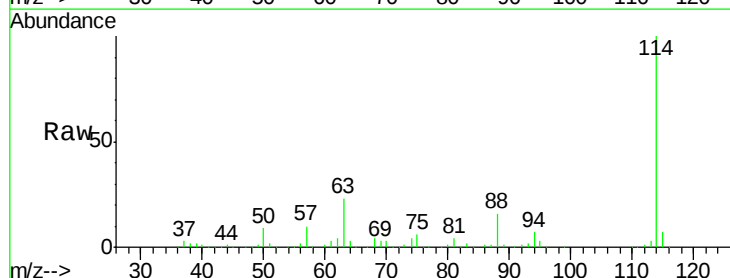
Tgt Ion: 114 Resp: 319713

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

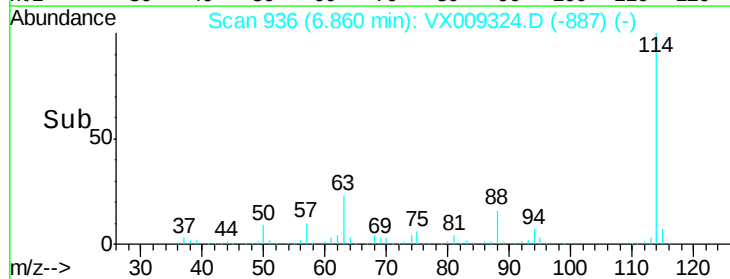
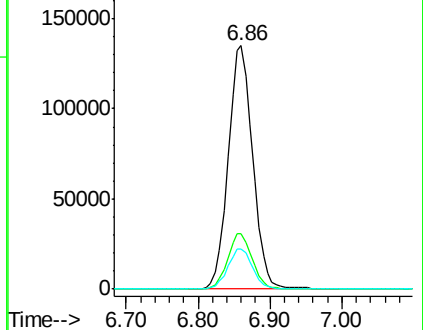
88 16.2 0.0 33.2

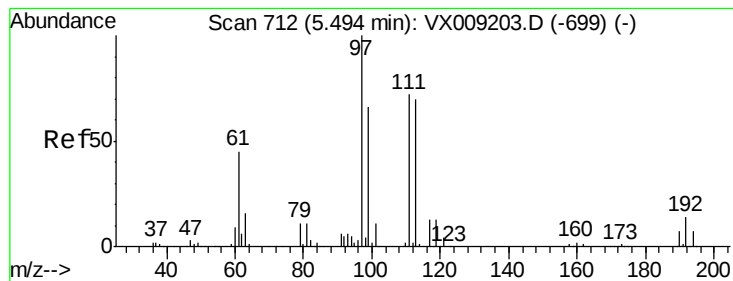


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.294 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009324.D

Acq: 03 May 2019 20:57

Instrument :

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ClientSampleId :

SS052MW717-190502

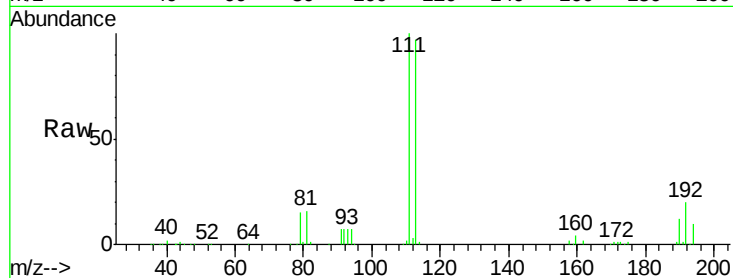
Tot Ion:113 Resp: 97063

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

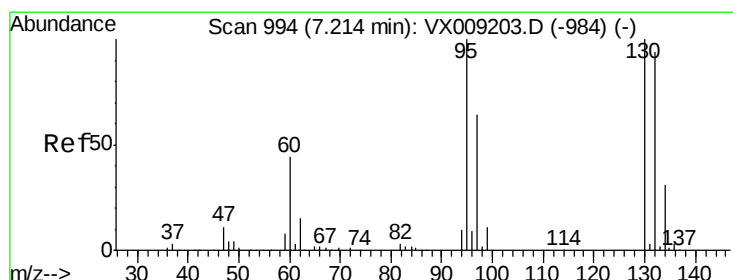
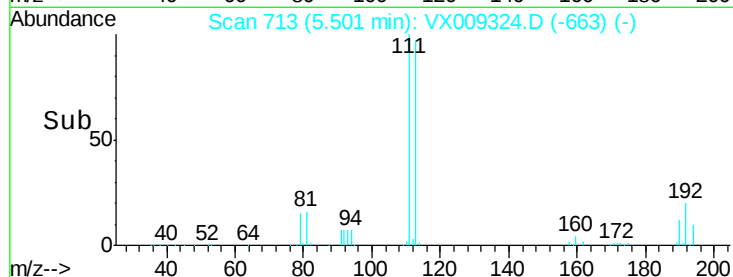
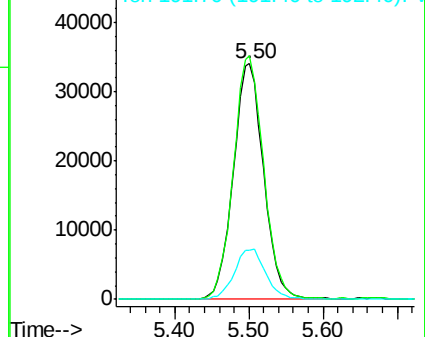
192 22.1 17.0 25.6



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



#44

Trichloroethene

Concen: 9.659 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009324.D

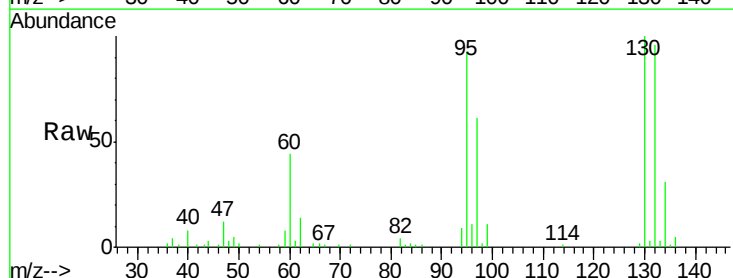
Acq: 03 May 2019 20:57

Tgt Ion:130 Resp: 21472

Ion Ratio Lower Upper

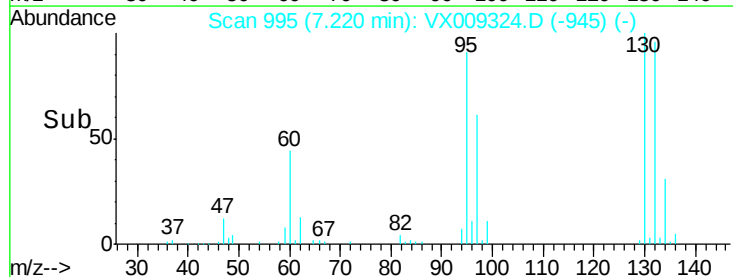
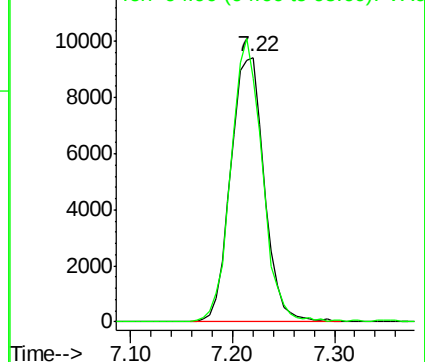
130 100

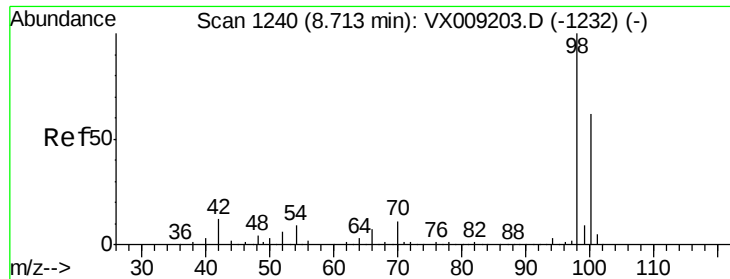
95 92.2 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.237 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009324.D

Acq: 03 May 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

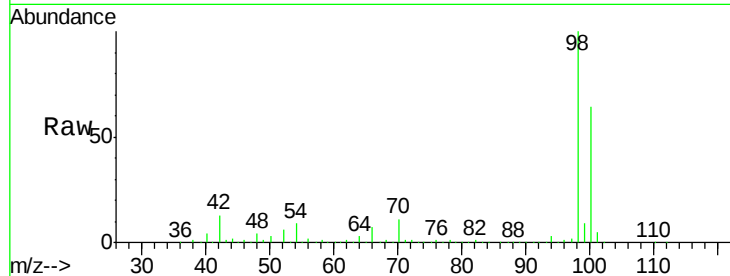
SS052MW717-190502

Tot Ion: 98 Resp: 399518

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

150000

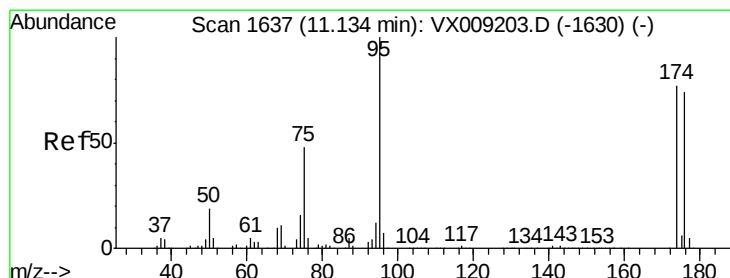
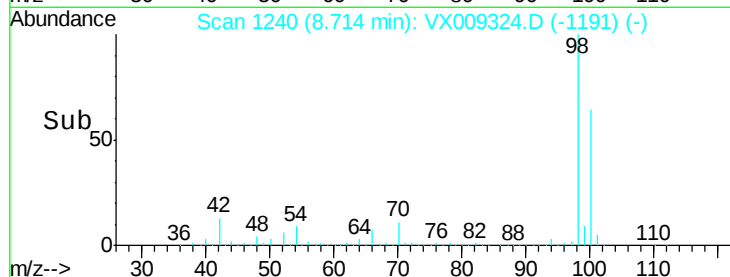
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 44.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009324.D

Acq: 03 May 2019 20:57

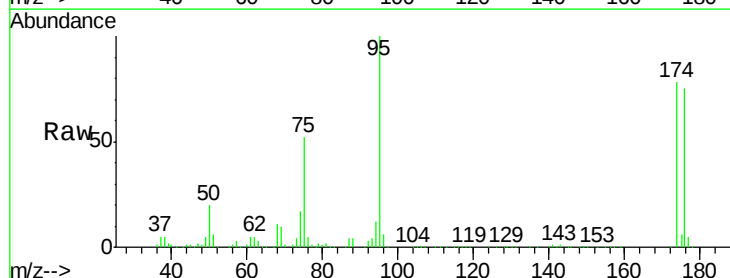
Tgt Ion: 95 Resp: 131212

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

176 78.9 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

11.13

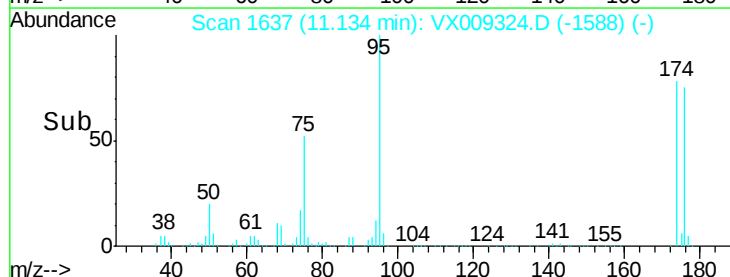
100000

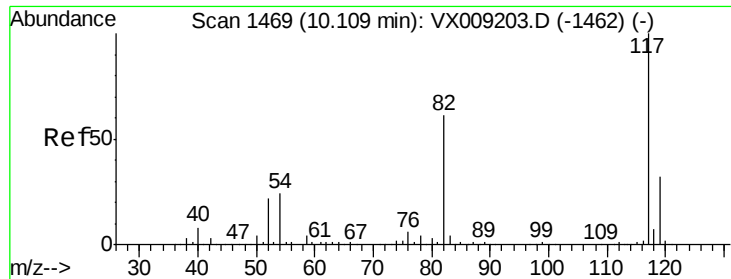
50000

0

11.10 11.20

Time-->

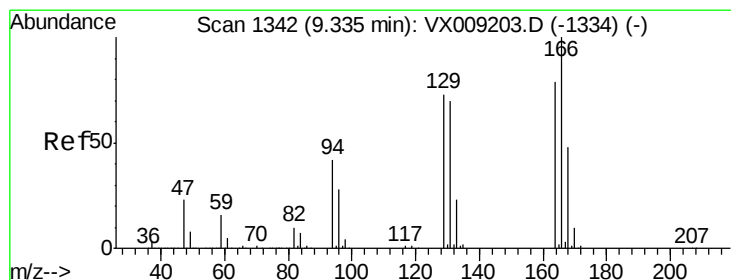
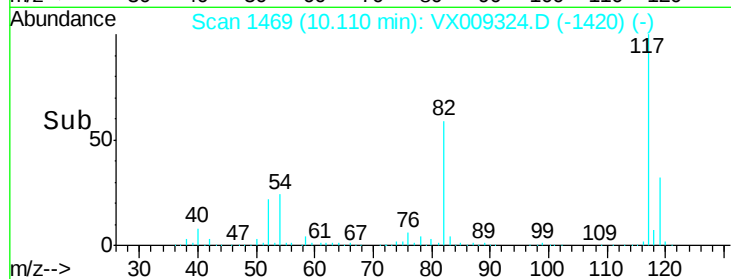
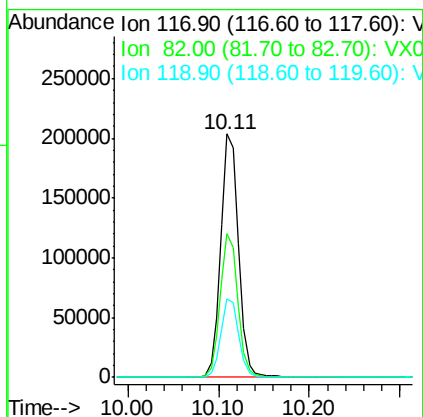
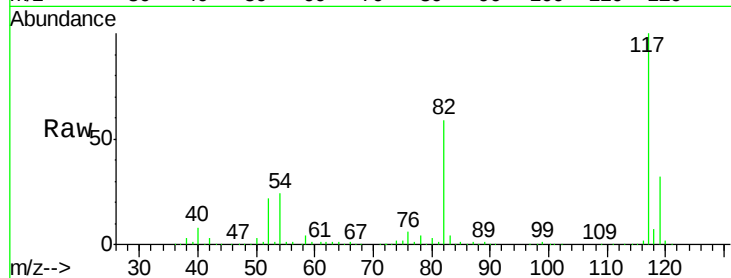




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009324.D
Acq: 03 May 2019 20:57

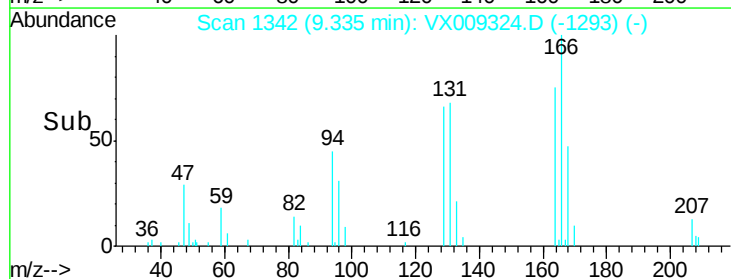
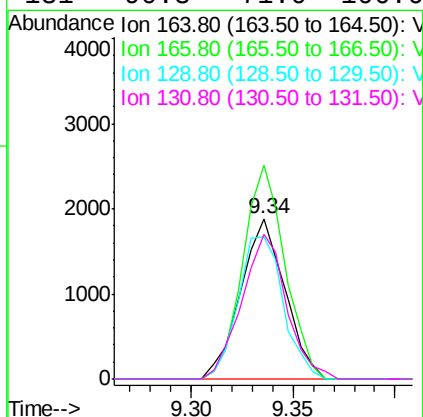
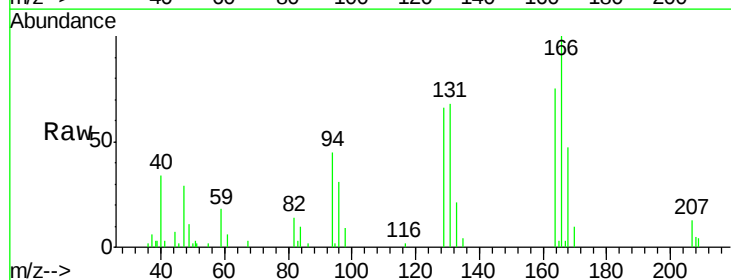
Instrument :
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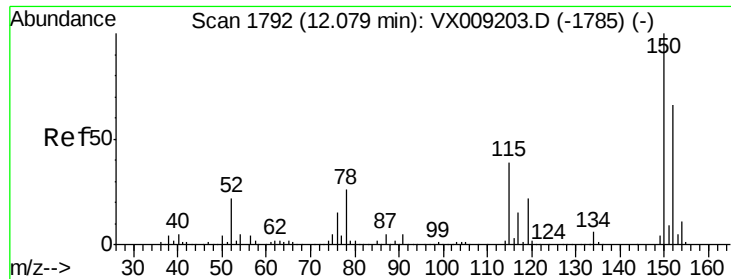
Tot Ion:117 Resp: 278990
Ion Ratio Lower Upper
117 100
82 59.2 48.8 73.2
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 1.488 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009324.D
Acq: 03 May 2019 20:57

Tgt Ion:164 Resp: 2848
Ion Ratio Lower Upper
164 100
166 133.2 101.2 151.8
129 88.4 74.3 111.5
131 90.3 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: VX009324.D

Acq: 03 May 2019 20:57

Instrument :

MSVOA_X

ClientSampleId :

SS052MW717-190502

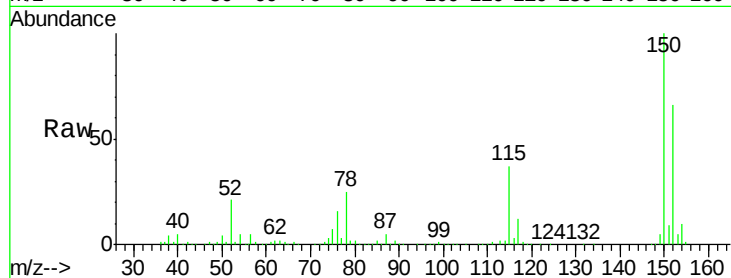
Tot Ion:152 Resp: 118960

Ion Ratio Lower Upper

152 100

115 57.9 41.2 123.6

150 154.3 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

