

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009631.D
 Acq On : 17 May 2019 01:20
 Operator : JC/SP
 Sample : K2887-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514

Quant Time: May 17 07:48:03 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

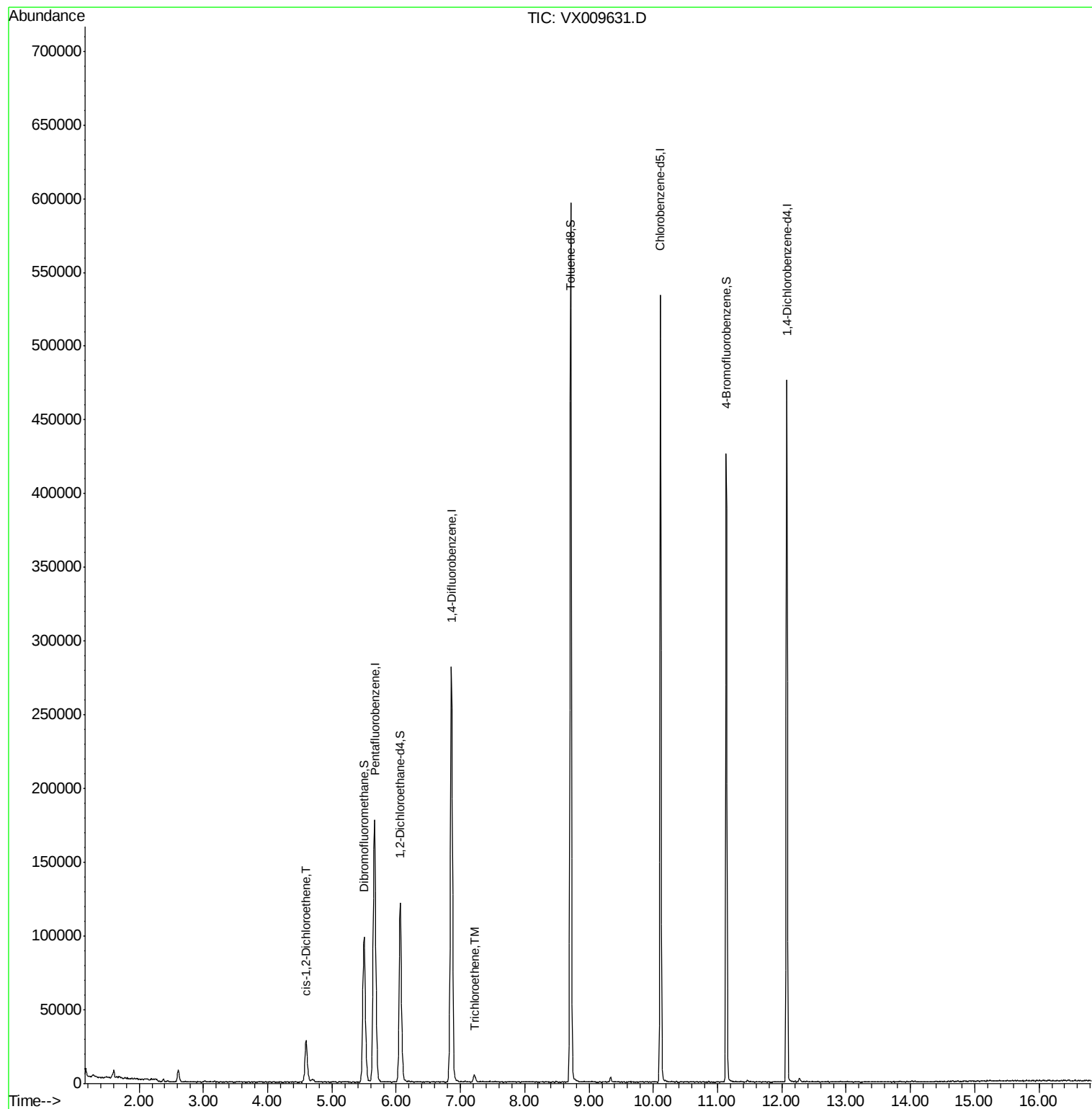
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114046	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	5.50	113	84523	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	343137	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	110234	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	17342	8.279	ug/l	89
44) Trichloroethene	7.22	130	1867	0.976	ug/l	96

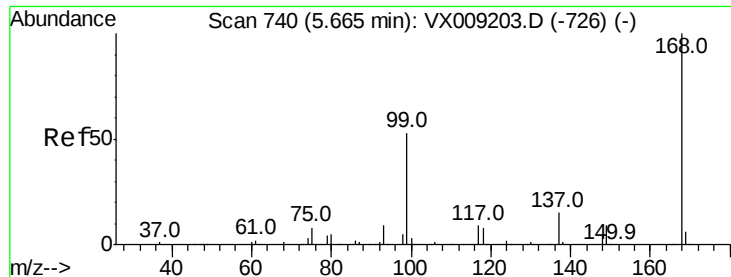
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009631.D

Acq: 17 May 2019 01:20

Instrument :

MSVOA_X

ClientSampleId :

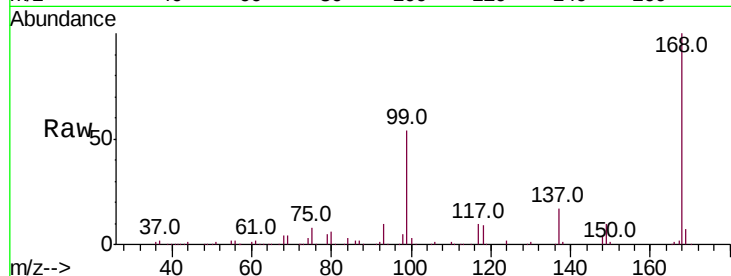
SS052MW100-190514

Tot Ion:168 Resp: 172452

Ion Ratio Lower Upper

168 100

99 54.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

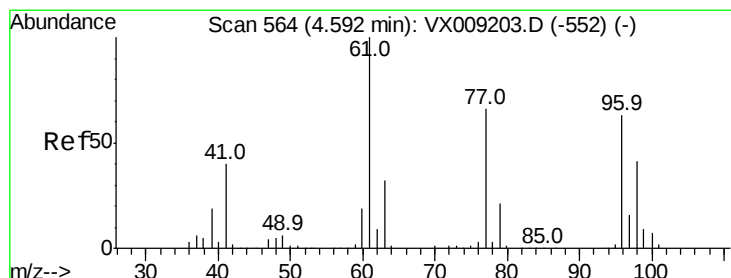
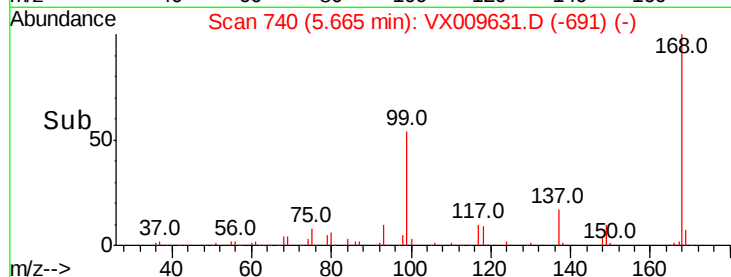
40000

20000

0

Time-->

5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 8.279 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009631.D

Acq: 17 May 2019 01:20

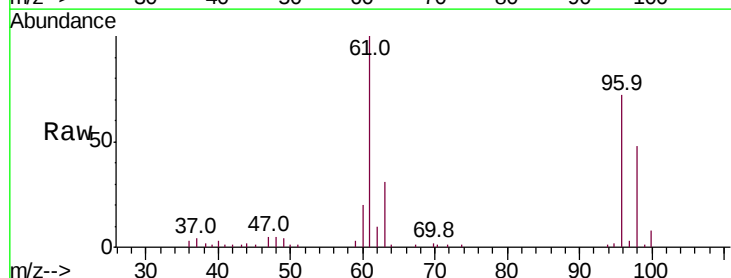
Tgt Ion: 96 Resp: 17342

Ion Ratio Lower Upper

96 100

61 141.9 0.0 324.0

98 64.1 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

12000

10000

8000

6000

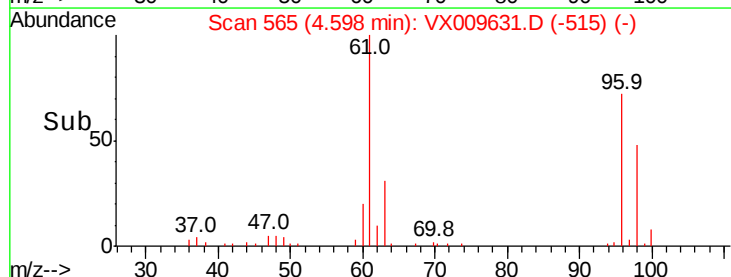
4000

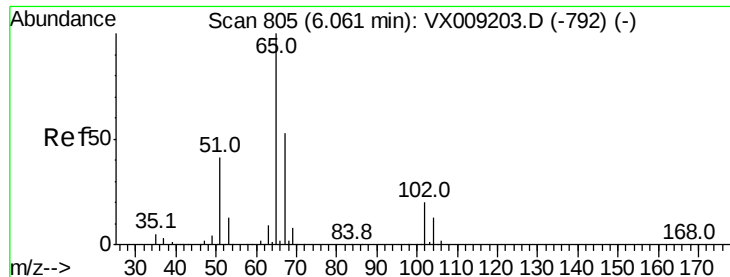
2000

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.444 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

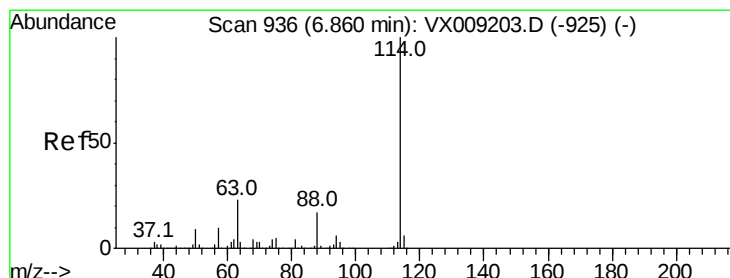
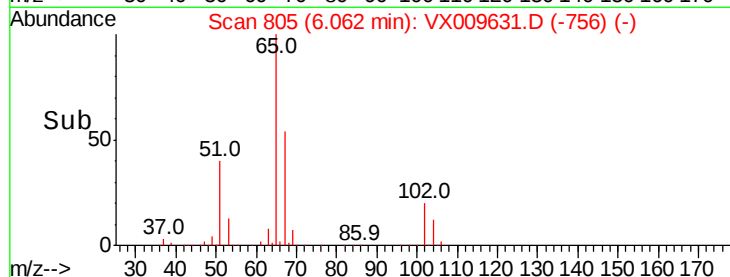
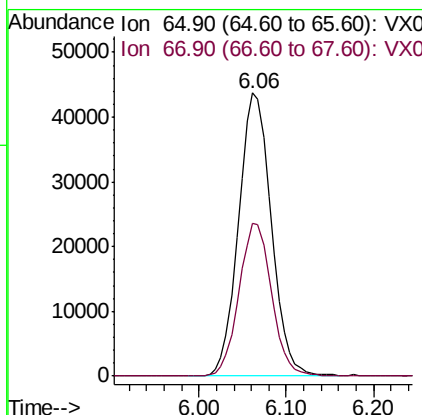
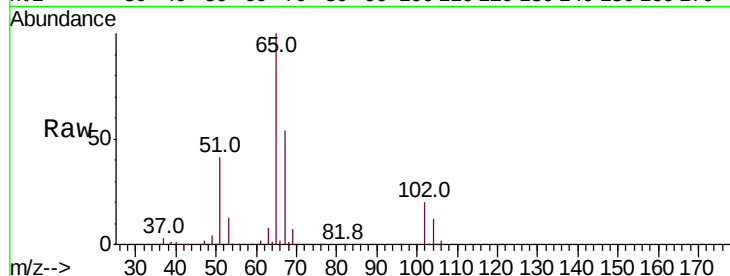
Lab File: VX009631.D

Acq: 17 May 2019 01:20

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514

Tot Ion: 65 Resp: 114046

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

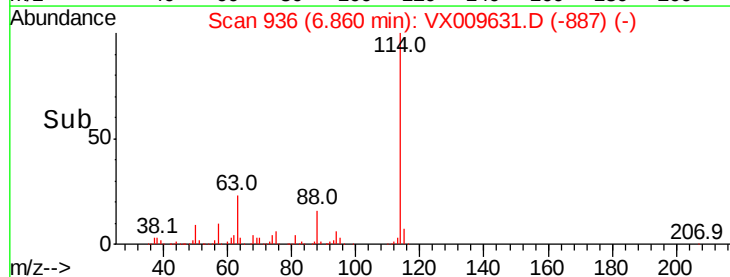
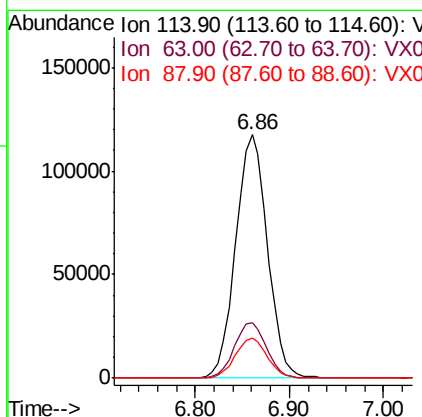
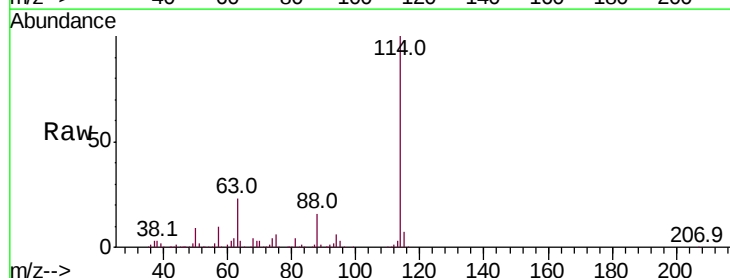
Delta R.T. 0.00 min

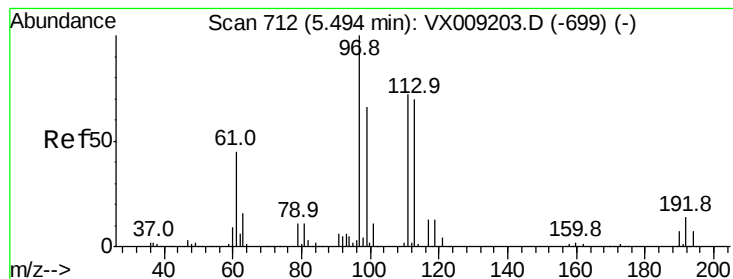
Lab File: VX009631.D

Acq: 17 May 2019 01:20

Tgt Ion: 114 Resp: 275218

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.6
88	16.4	0.0	33.2





#35

Dibromofluoromethane

Concen: 48.854 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009631.D

Acq: 17 May 2019 01:20

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514

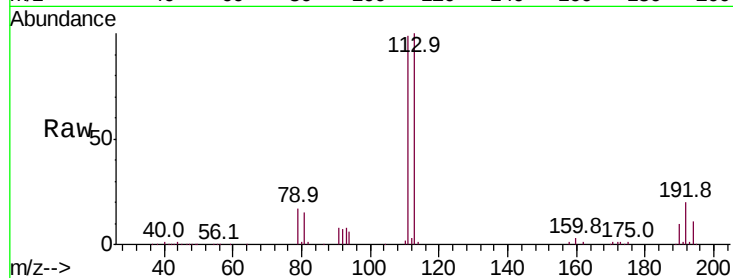
Tot Ion:113 Resp: 84523

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

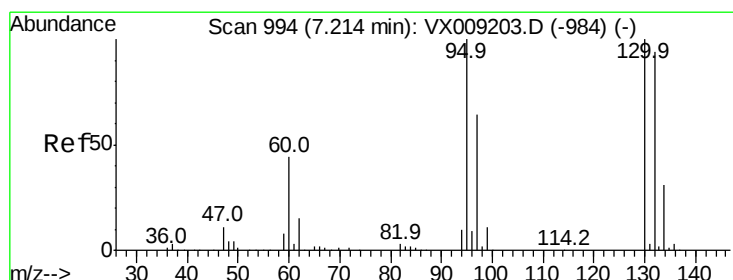
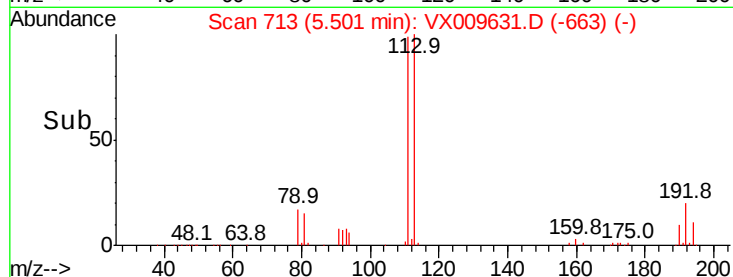
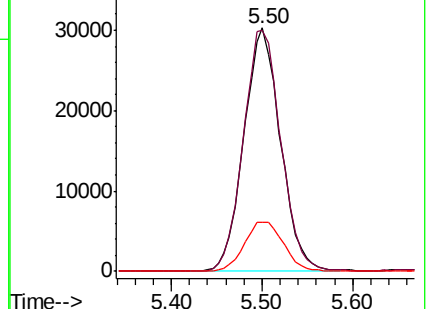
192 21.8 17.0 25.6



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: 0.976 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009631.D

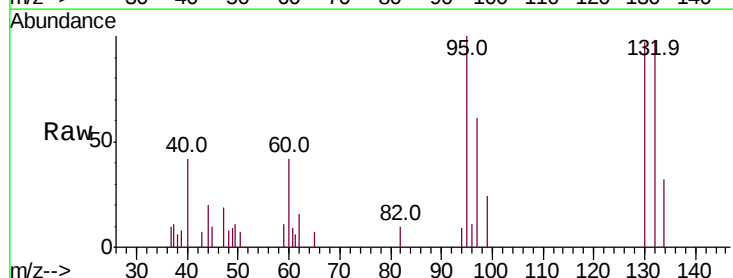
Acq: 17 May 2019 01:20

Tgt Ion:130 Resp: 1867

Ion Ratio Lower Upper

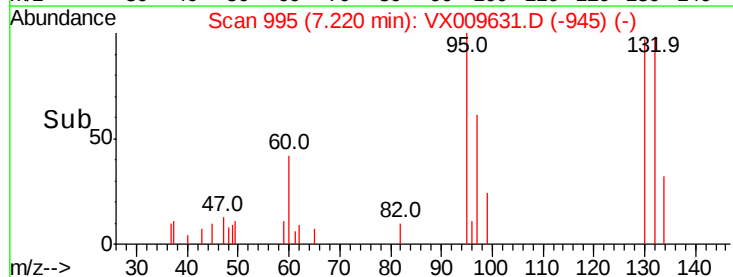
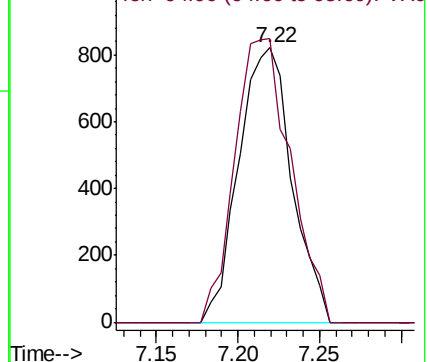
130 100

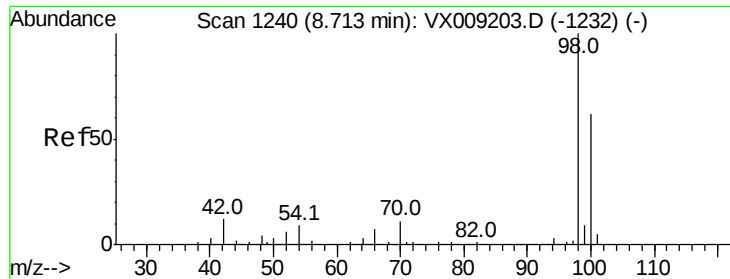
95 103.2 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.125 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009631.D

Acq: 17 May 2019 01:20

Instrument :

MSVOA_X

ClientSampleId :

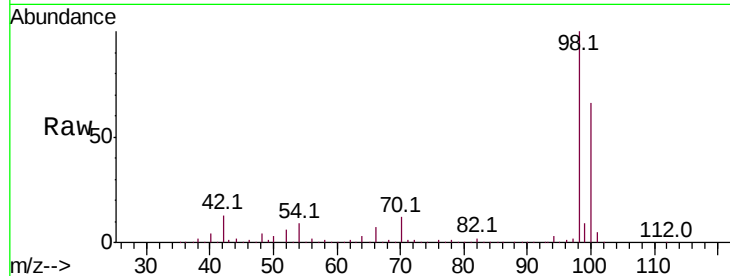
SS052MW100-190514

Tot Ion: 98 Resp: 343137

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

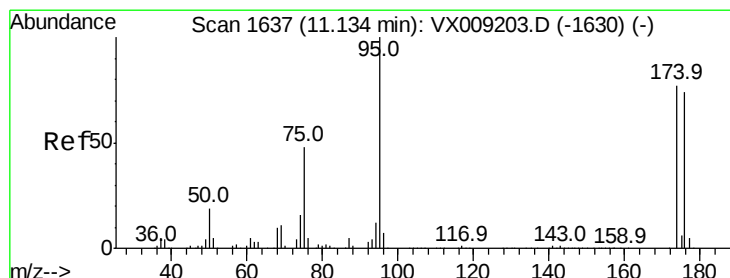
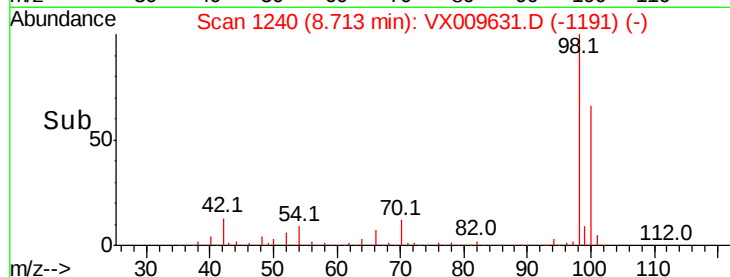
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.432 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009631.D

Acq: 17 May 2019 01:20

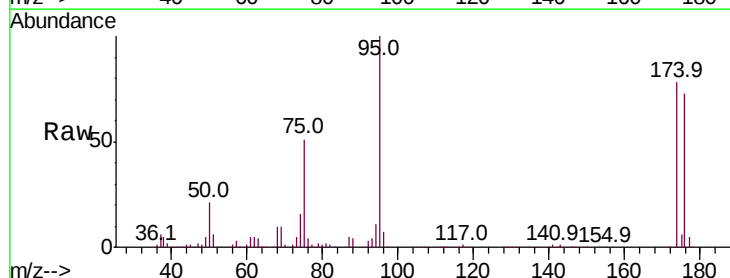
Tgt Ion: 95 Resp: 110234

Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.6

176 80.0 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

120000

100000

80000

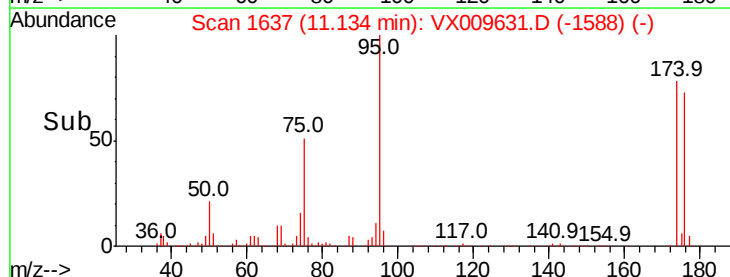
60000

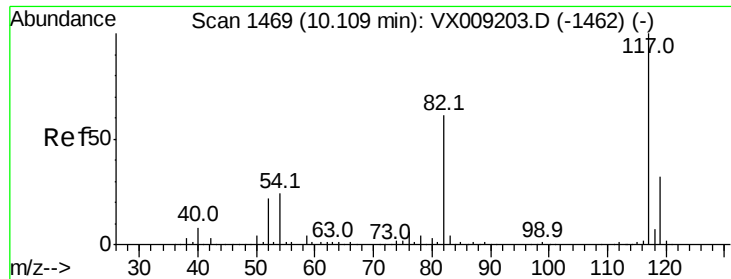
40000

20000

0

Time-->

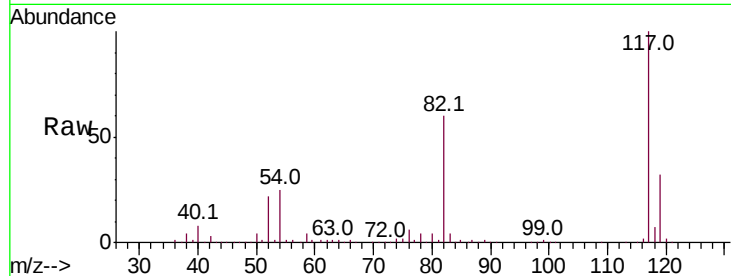




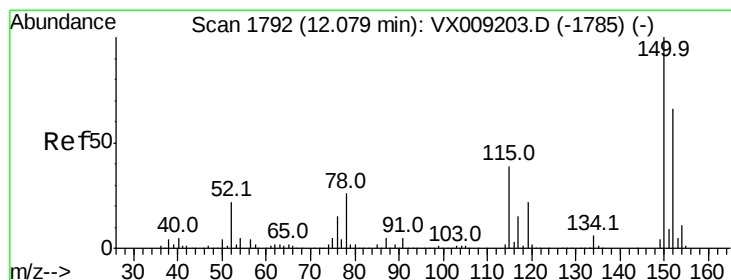
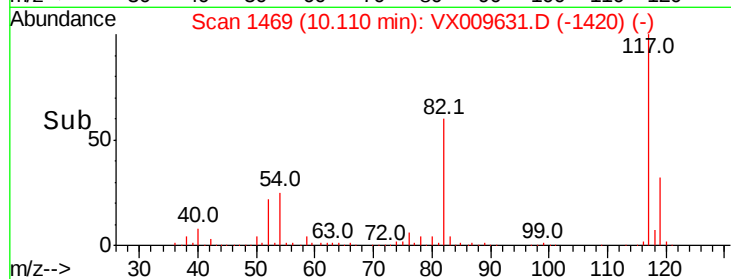
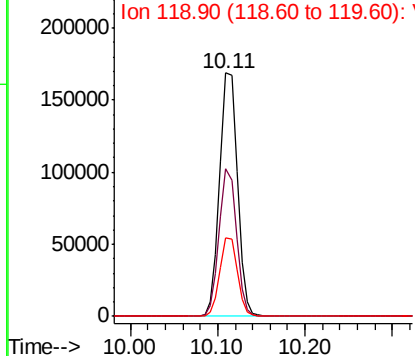
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009631.D
Acq: 17 May 2019 01:20

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514

Tot Ion:117 Resp: 238530
Ion Ratio Lower Upper
117 100
82 60.4 48.8 73.2
119 32.4 25.8 38.6

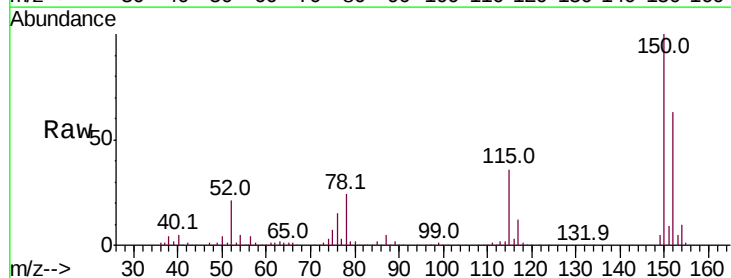


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009631.D
Acq: 17 May 2019 01:20

Tgt Ion:152 Resp: 97367
Ion Ratio Lower Upper
152 100
115 59.3 41.2 123.6
150 158.5 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

