

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009644.D
 Acq On : 17 May 2019 06:24
 Operator : JC/SP
 Sample : K2887-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-190514

Quant Time: May 17 08:08:52 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

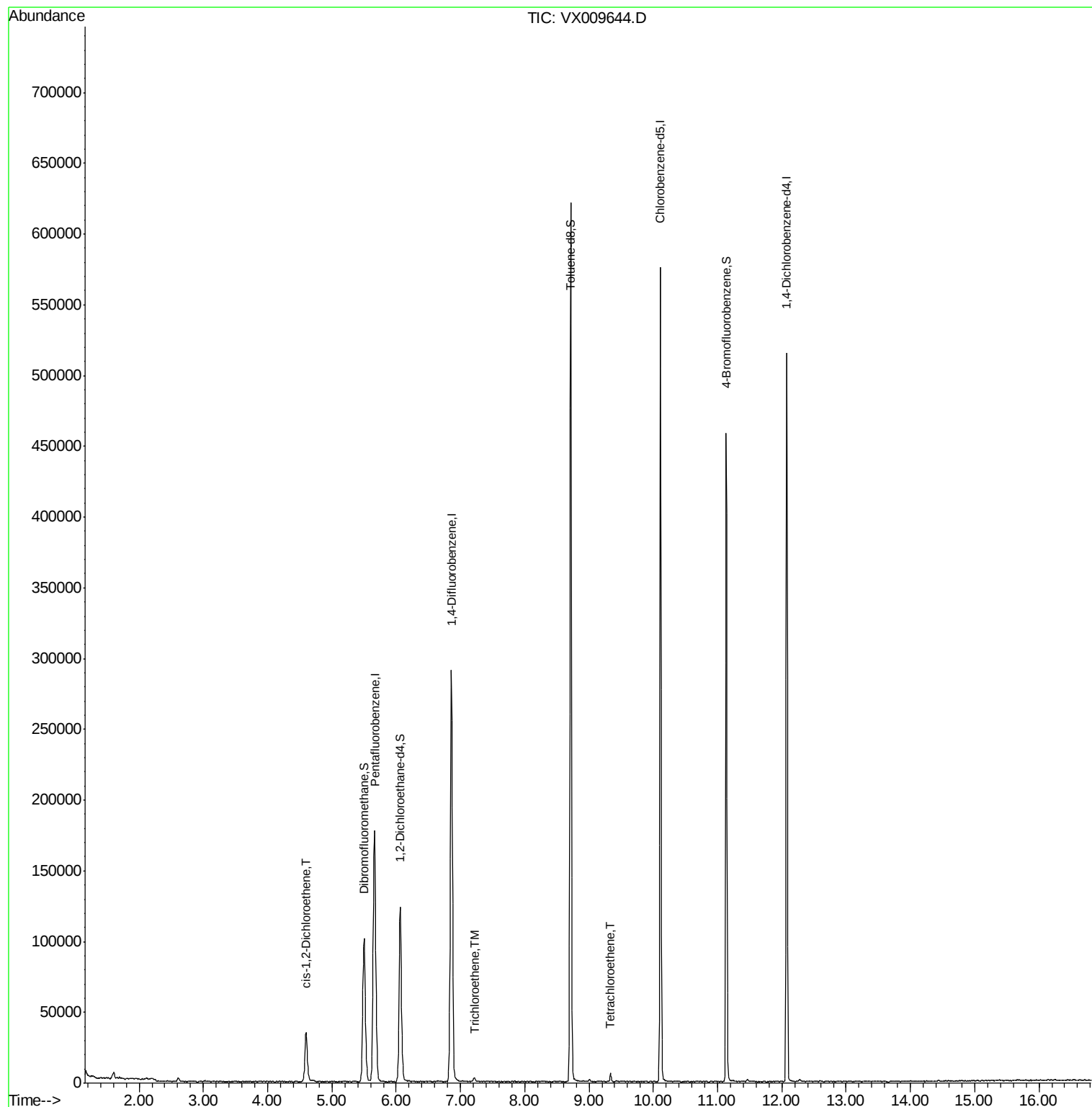
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117327	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
35) Dibromofluoromethane	5.50	113	86732	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	350675	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	117378	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	21384	10.154	ug/l	89
44) Trichloroethene	7.22	130	1073	0.553	ug/l	96
64) Tetrachloroethene	9.34	164	1038	0.611	ug/l	90

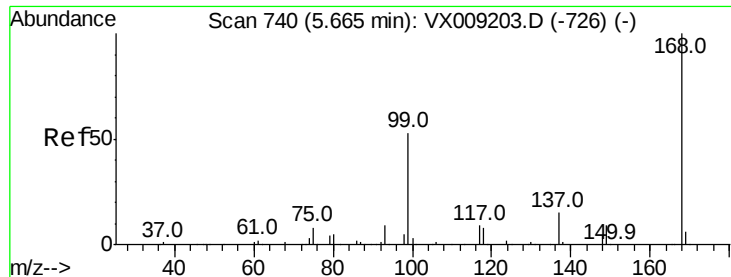
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009644.D

Acq: 17 May 2019 06:24

Instrument :

MSVOA_X

ClientSampleId :

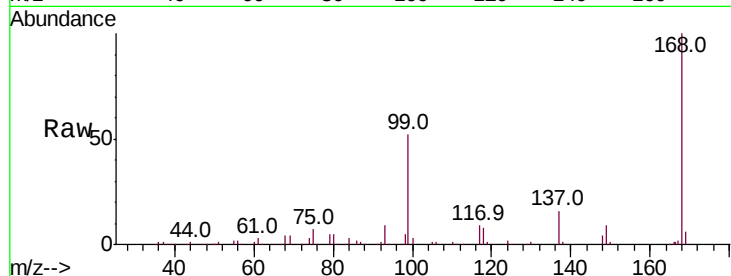
SS052MW601-190514

Tot Ion:168 Resp: 173397

Ion Ratio Lower Upper

168 100

99 52.4 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

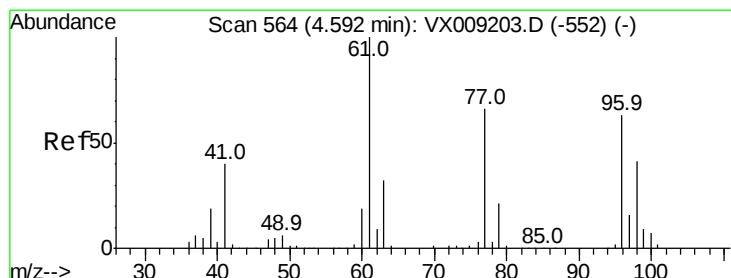
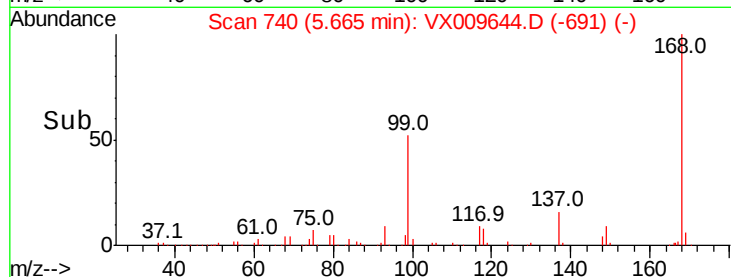
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 10.154 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009644.D

Acq: 17 May 2019 06:24

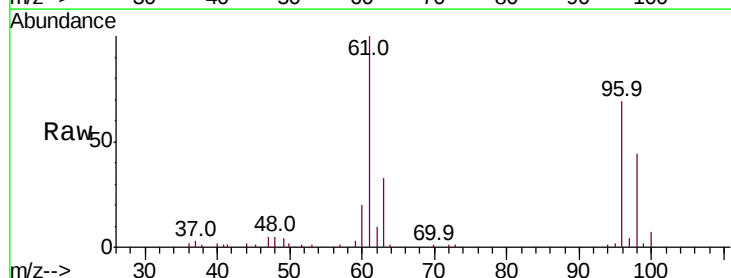
Tgt Ion: 96 Resp: 21384

Ion Ratio Lower Upper

96 100

61 141.8 0.0 324.0

98 63.6 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

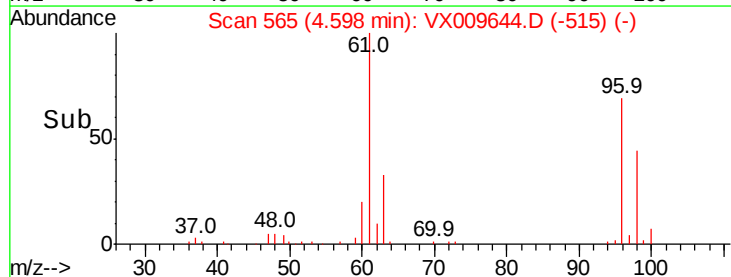
15000

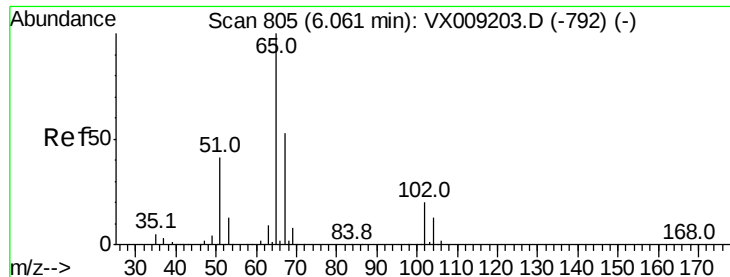
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 49.566 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009644.D

Acq: 17 May 2019 06:24

Instrument :

MSVOA_X

ClientSampleId :

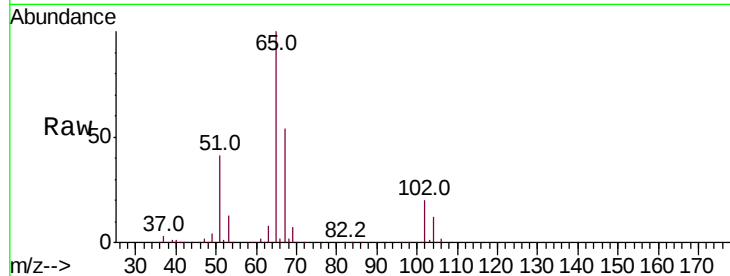
SS052MW601-190514

Tot Ion: 65 Resp: 117327

Ion Ratio Lower Upper

65 100

67 53.6 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

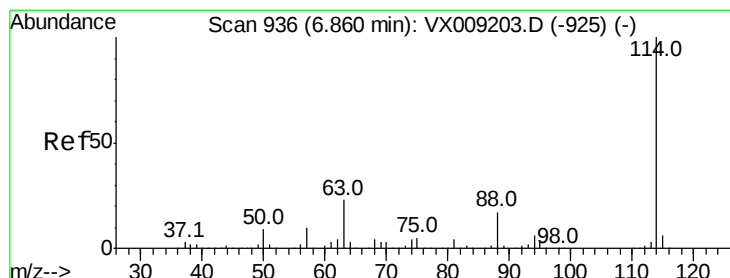
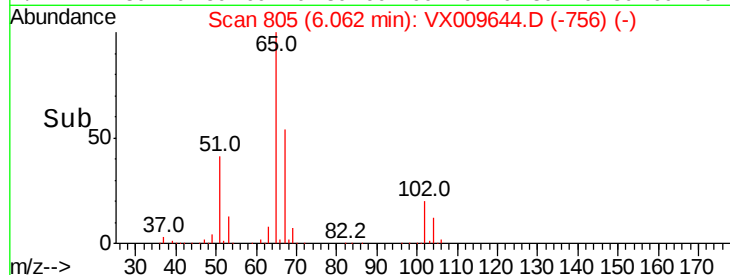
30000

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: VX009644.D

Acq: 17 May 2019 06:24

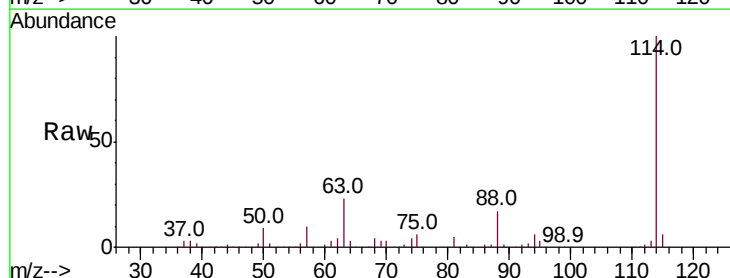
Tgt Ion:114 Resp: 278968

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

88 16.9 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

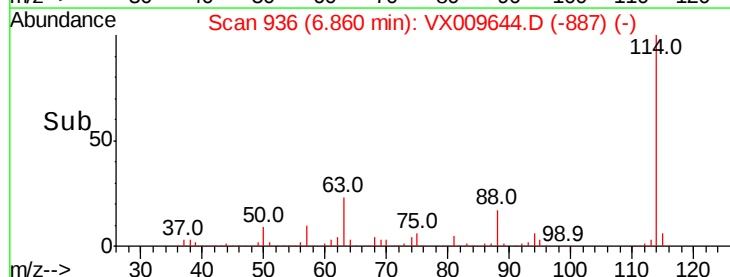
150000

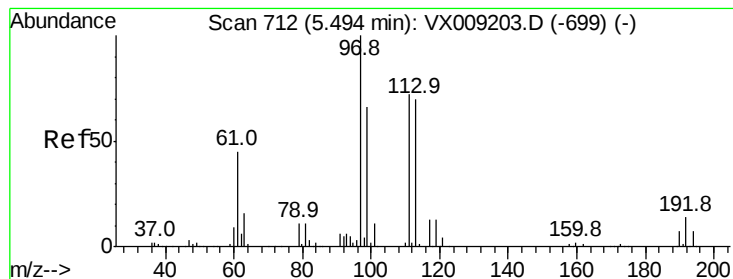
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.456 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009644.D

Acq: 17 May 2019 06:24

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-190514

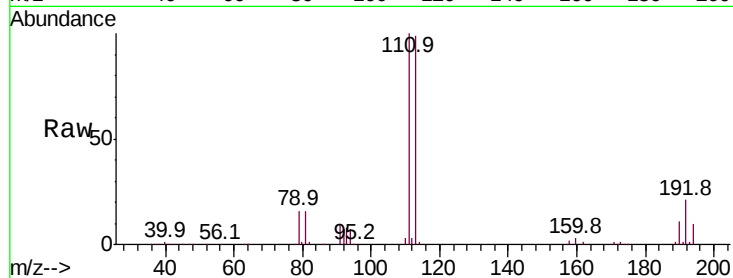
Tot Ion:113 Resp: 86732

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

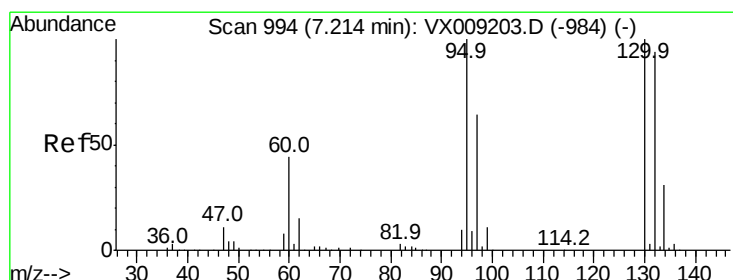
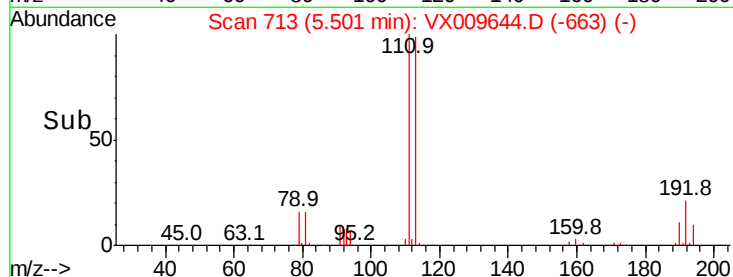
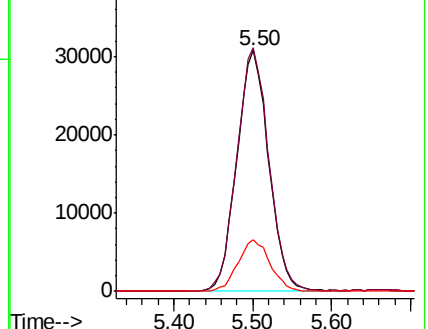
192 21.5 17.0 25.6



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: 0.553 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009644.D

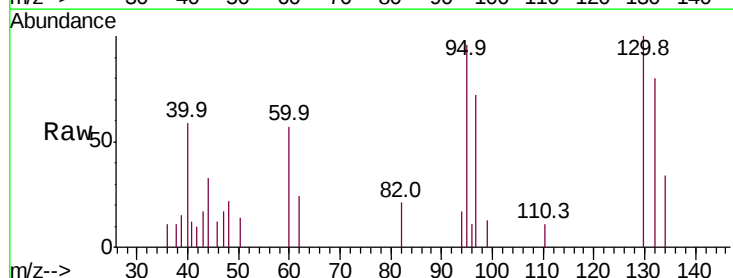
Acq: 17 May 2019 06:24

Tgt Ion:130 Resp: 1073

Ion Ratio Lower Upper

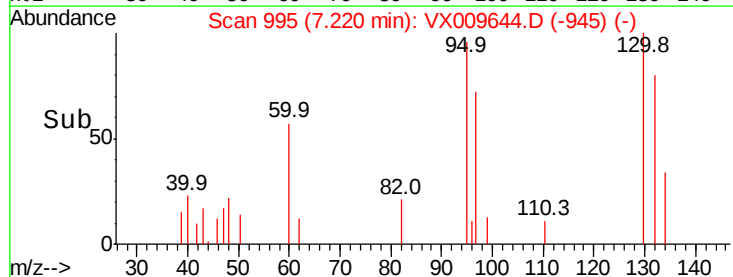
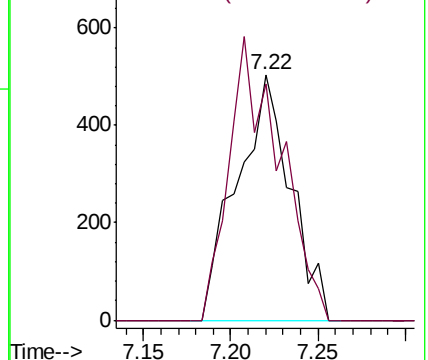
130 100

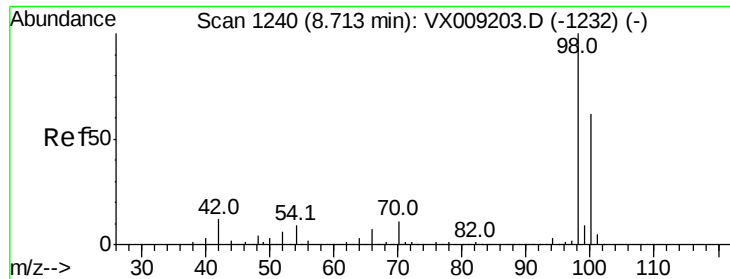
95 96.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

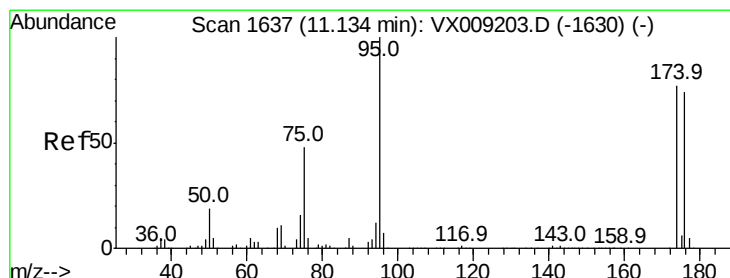
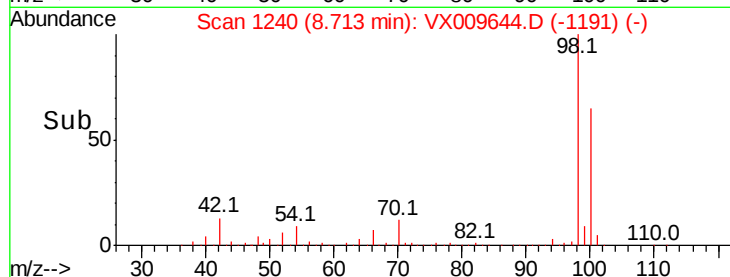
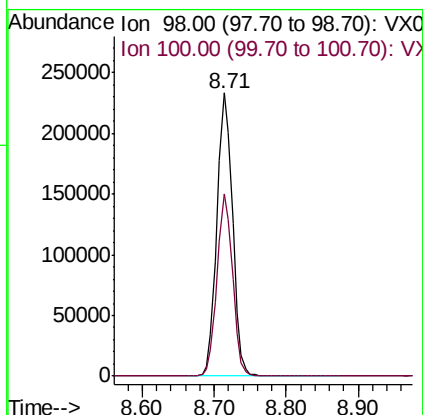
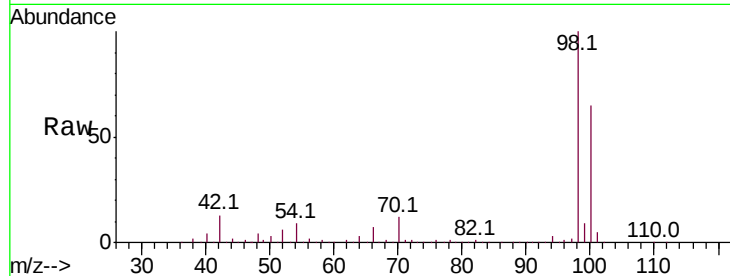




#50
Toluene-d8
Concen: 49.529 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009644.D
Acq: 17 May 2019 06:24

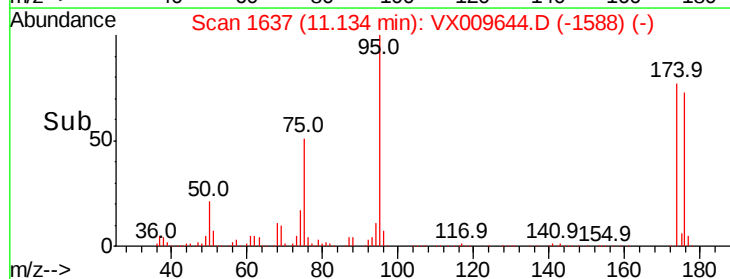
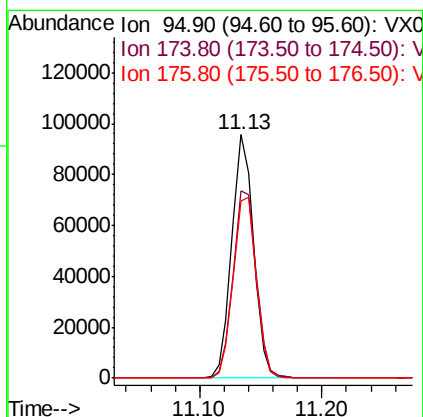
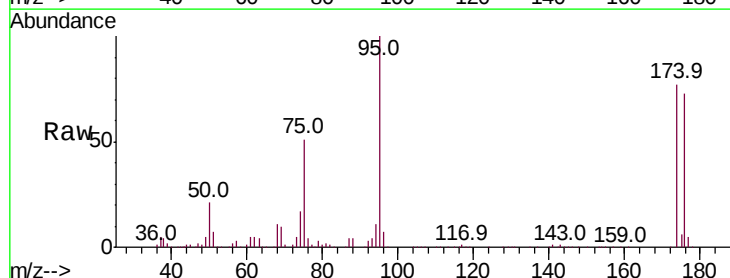
Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-190514

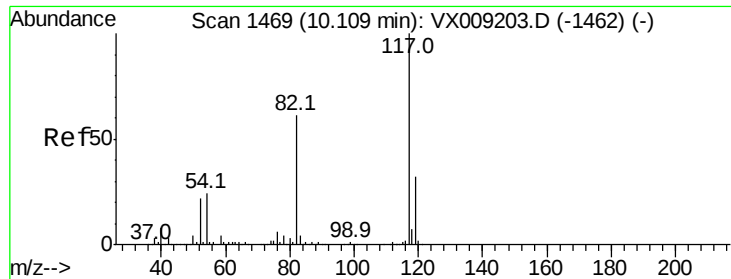
Tot Ion: 98 Resp: 350675
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.625 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009644.D
Acq: 17 May 2019 06:24

Tgt Ion: 95 Resp: 117378
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.6
176 79.0 0.0 159.2

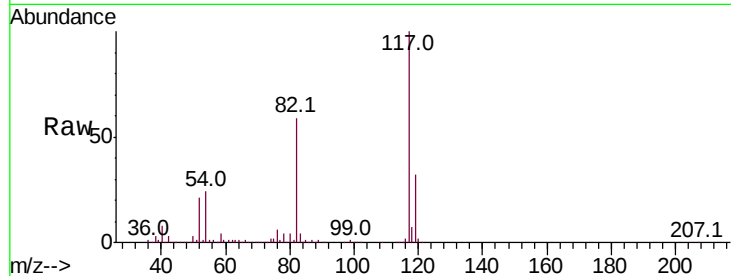




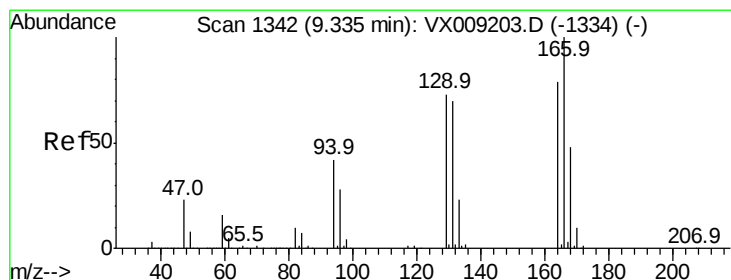
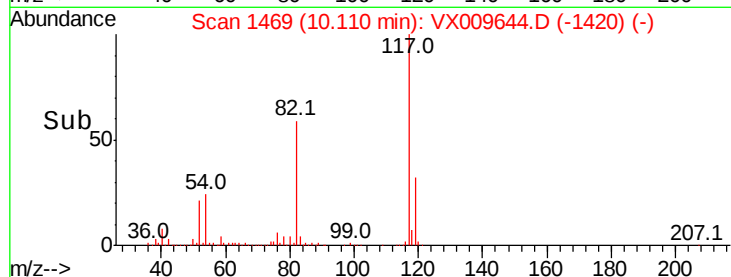
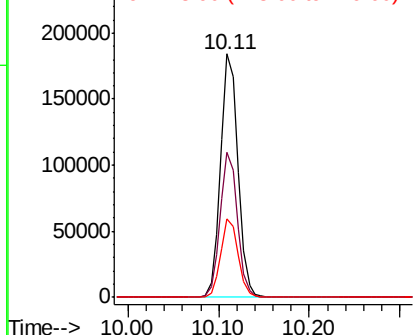
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009644.D
Acq: 17 May 2019 06:24

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-190514

Tot Ion:117 Resp: 247733
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 32.1 25.8 38.6

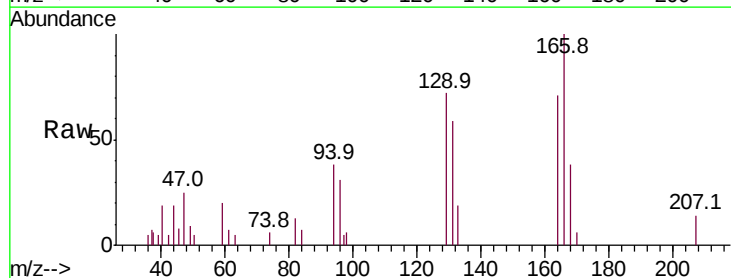


Abundance Ion 116.90 (116.60 to 117.60): V
250000
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

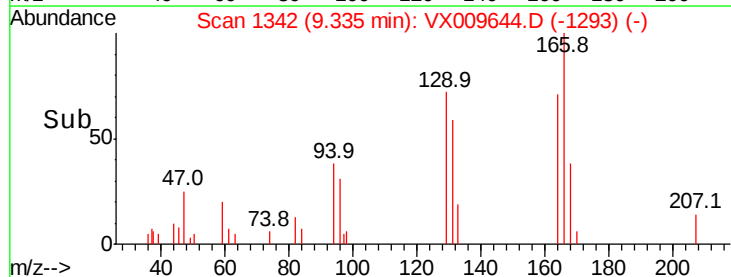
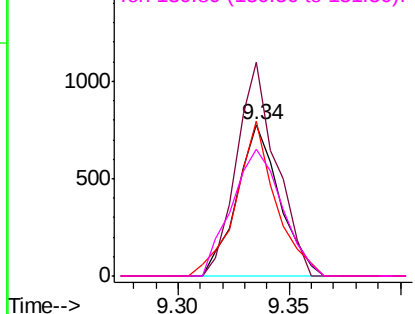


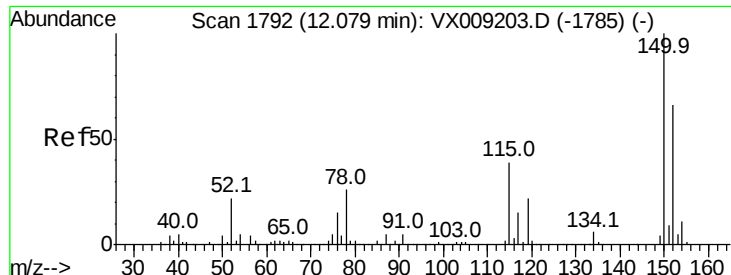
#64
Tetrachloroethene
Concen: 0.611 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009644.D
Acq: 17 May 2019 06:24

Tgt Ion:164 Resp: 1038
Ion Ratio Lower Upper
164 100
166 141.0 101.2 151.8
129 101.9 74.3 111.5
131 83.5 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
1500
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX009644.D

Acq: 17 May 2019 06:24

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-190514

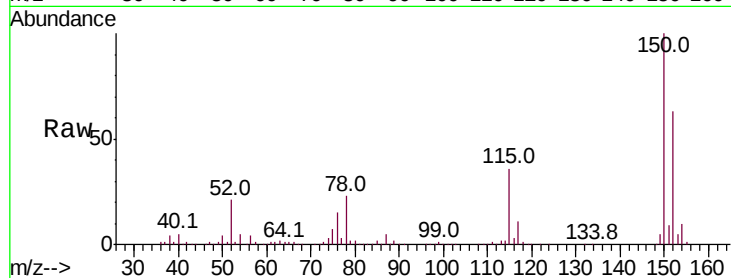
Tot Ion:152 Resp: 107352

Ion Ratio Lower Upper

152 100

115 58.8 41.2 123.6

150 156.9 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

