

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008943.D
 Acq On : 13 Apr 2019 19:39
 Operator : JC/SP
 Sample : K2385-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-190410

Quant Time: Apr 15 04:34:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

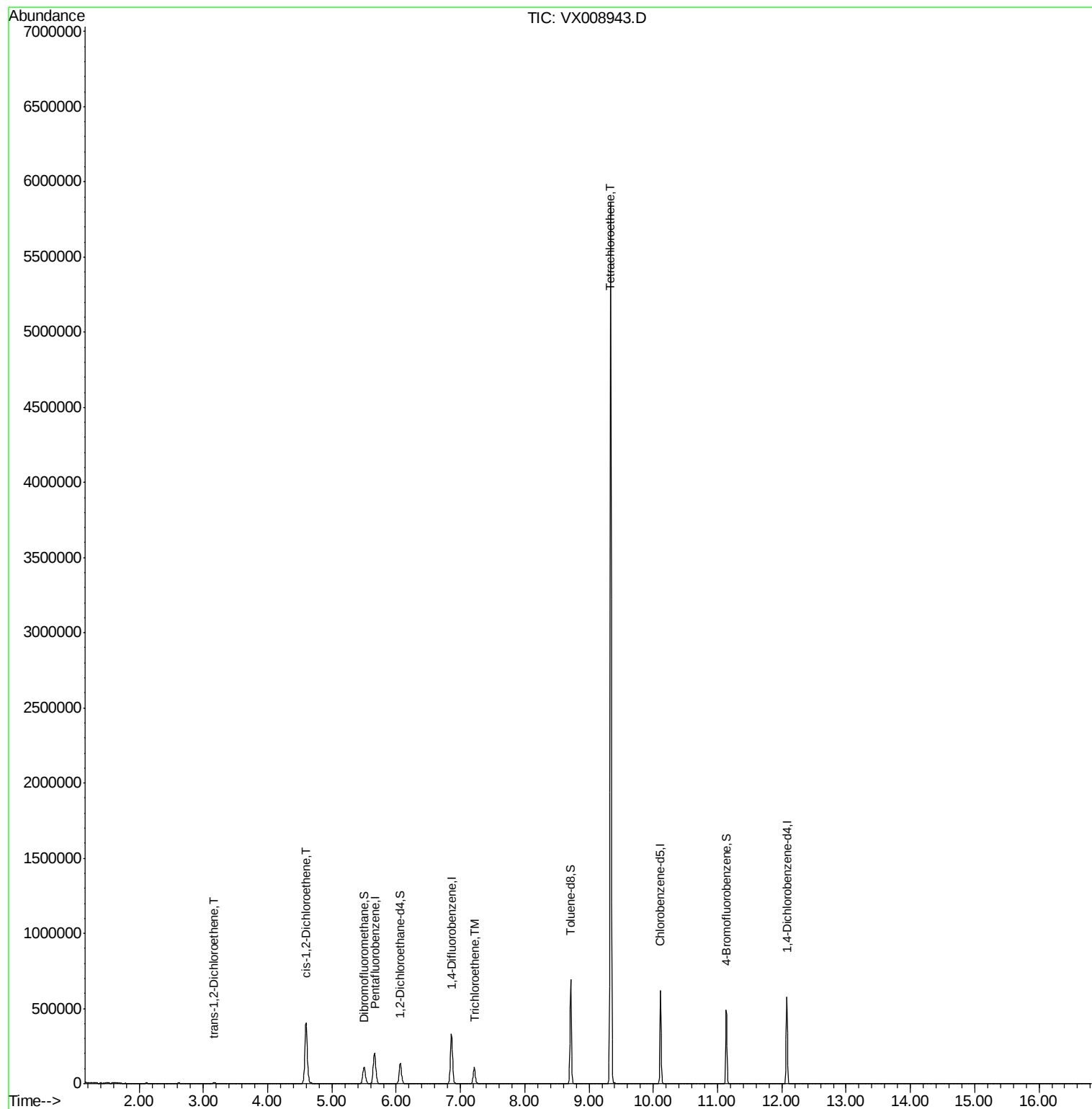
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129036	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
35) Dibromofluoromethane	5.50	113	94787	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	8.71	98	391889	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.13	95	131095	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	2593	1.042	ug/l	82
27) cis-1,2-Dichloroethene	4.60	96	254493	88.946	ug/l	88
44) Trichloroethene	7.21	130	43060	17.690	ug/l	99
64) Tetrachloroethene	9.34	164	1141641	564.796	ug/l	99

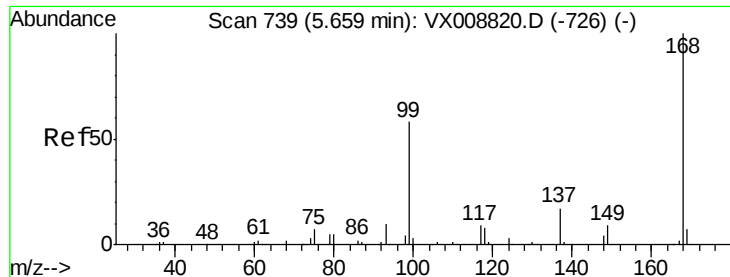
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008943.D

Acq: 13 Apr 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

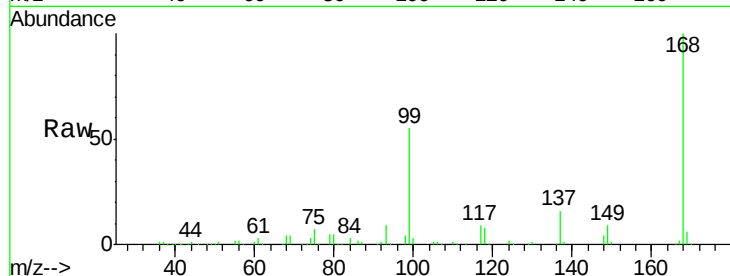
ST008MW167-190410

Tot Ion:168 Resp: 199009

Ion Ratio Lower Upper

168 100

99 55.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

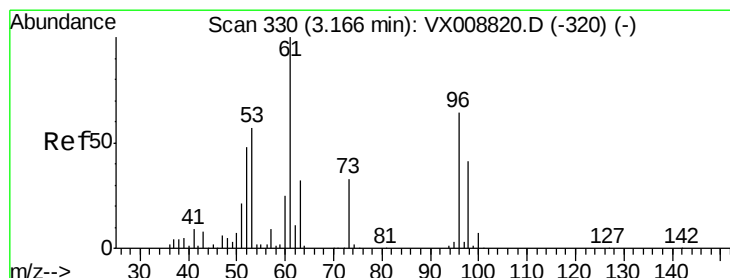
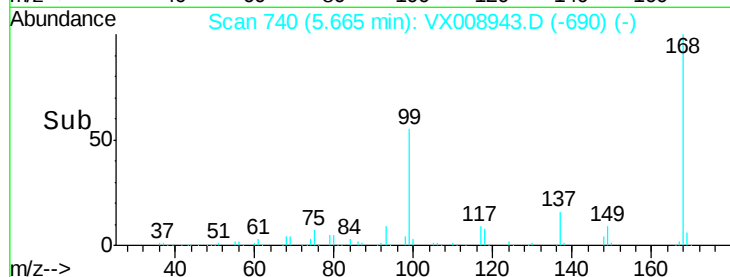
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 1.042 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008943.D

Acq: 13 Apr 2019 19:39

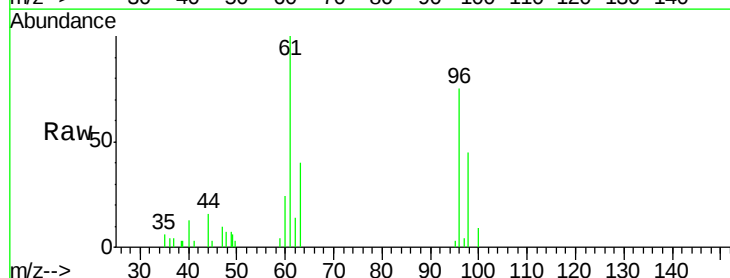
Tgt Ion: 96 Resp: 2593

Ion Ratio Lower Upper

96 100

61 133.9 132.1 198.1

98 60.8 52.2 78.2



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

2500

2000

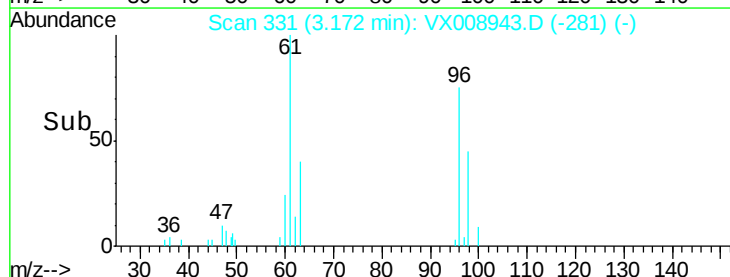
1500

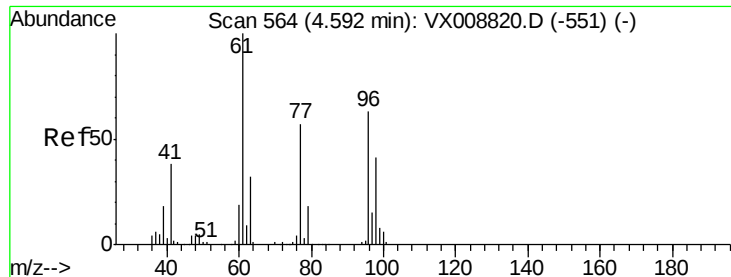
1000

500

0

Time--> 3.10 3.15 3.20





#27

cis-1,2-Dichloroethene

Concen: 88.946 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008943.D

Acq: 13 Apr 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-190410

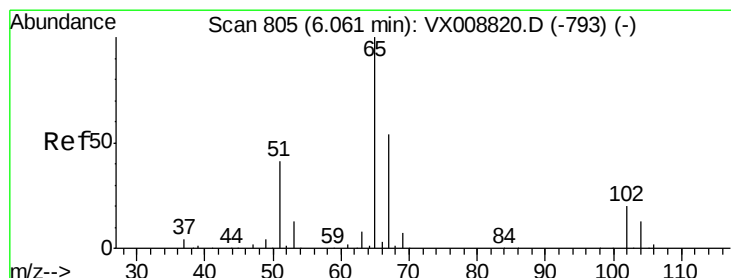
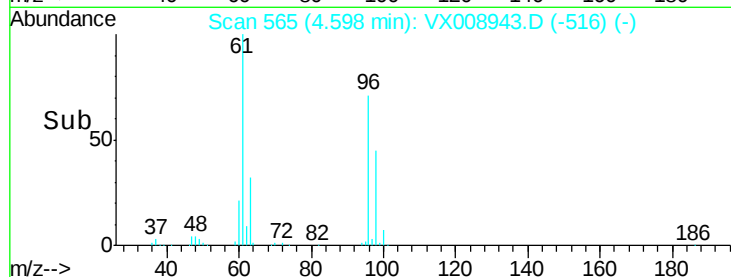
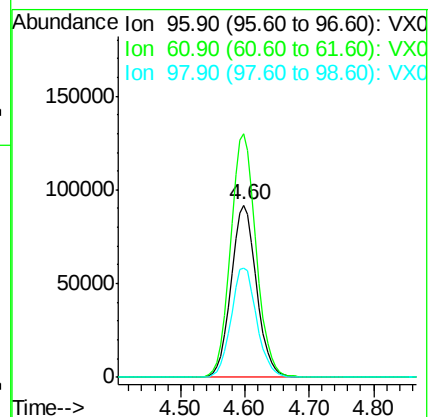
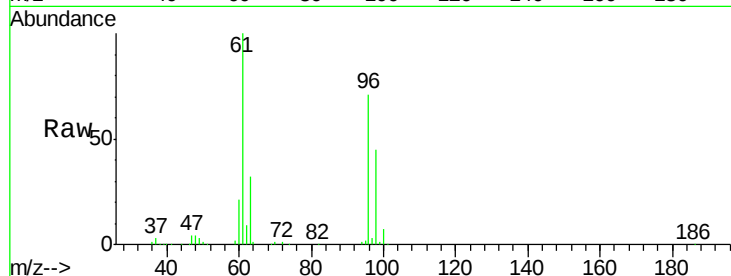
Tot Ion: 96 Resp: 254493

Ion Ratio Lower Upper

96 100

61 142.1 0.0 327.6

98 64.2 0.0 128.6



#33

1,2-Dichloroethane-d4

Concen: 44.454 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008943.D

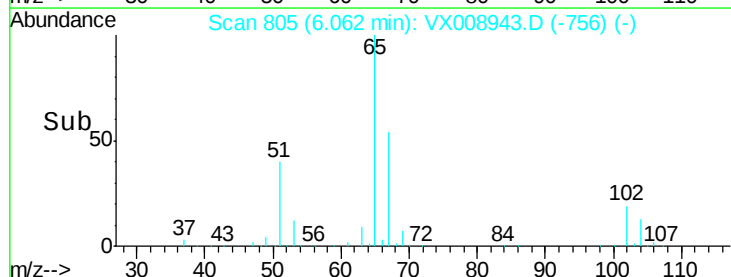
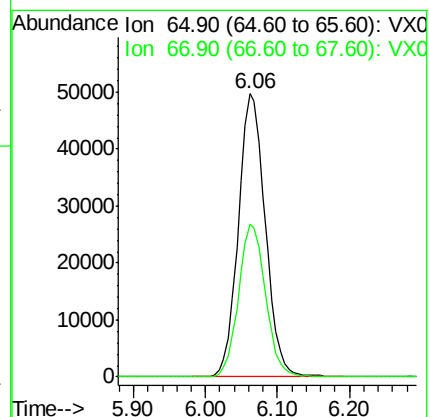
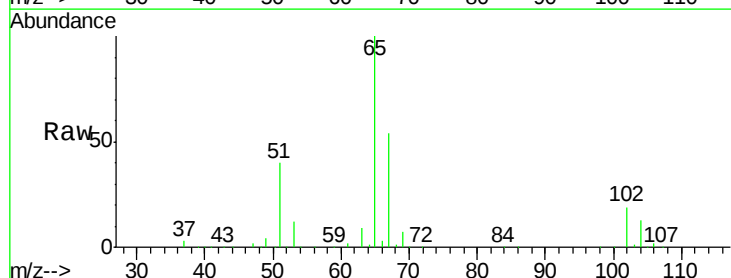
Acq: 13 Apr 2019 19:39

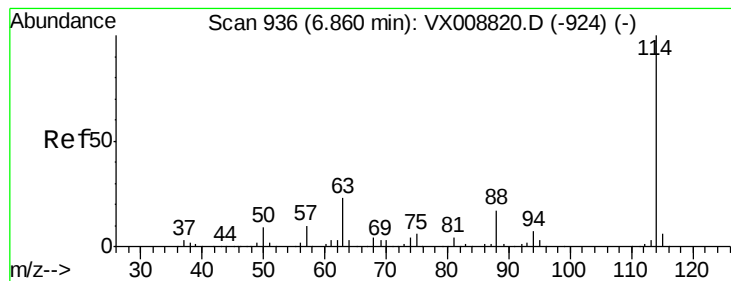
Tgt Ion: 65 Resp: 129036

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008943.D

Acq: 13 Apr 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-190410

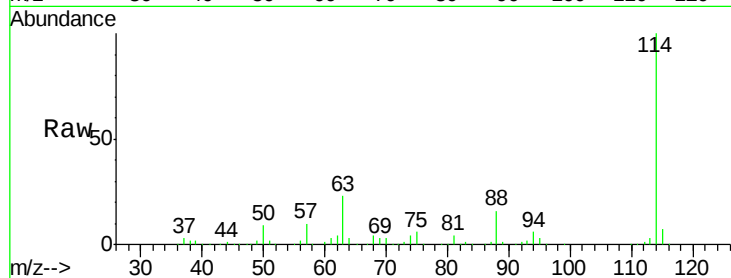
Tot Ion:114 Resp: 320938

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

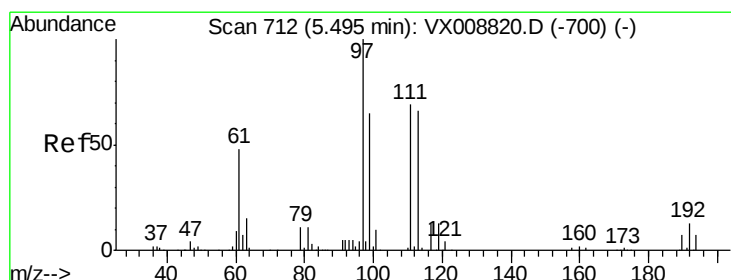
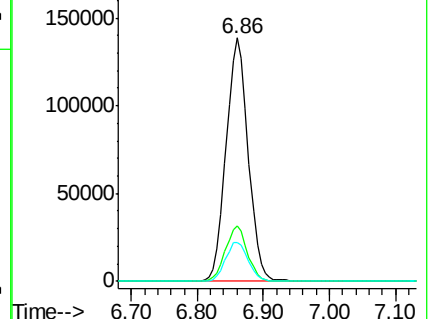
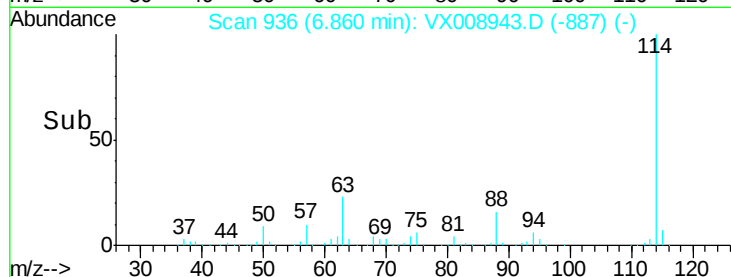
88 15.9 0.0 34.0



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: 46.193 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008943.D

Acq: 13 Apr 2019 19:39

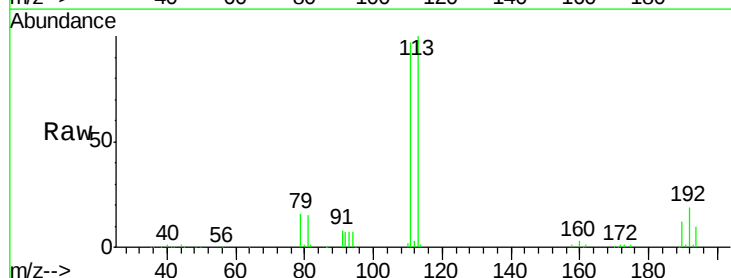
Tgt Ion:113 Resp: 94787

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

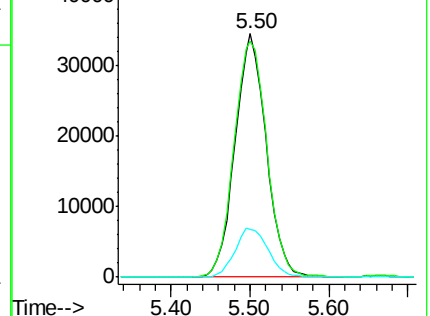
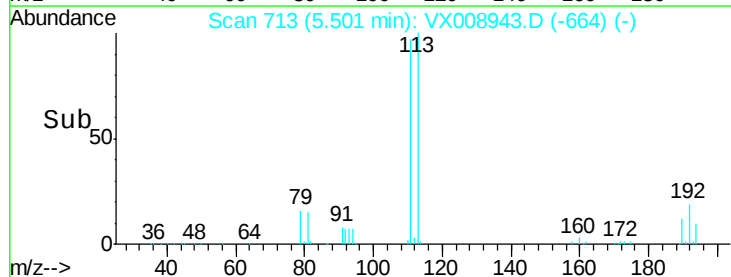
192 21.2 16.1 24.1

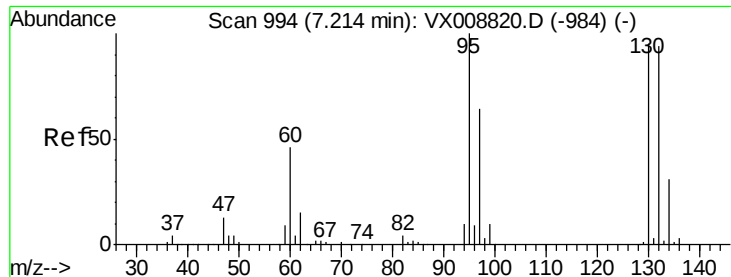


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 17.690 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008943.D

Acq: 13 Apr 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

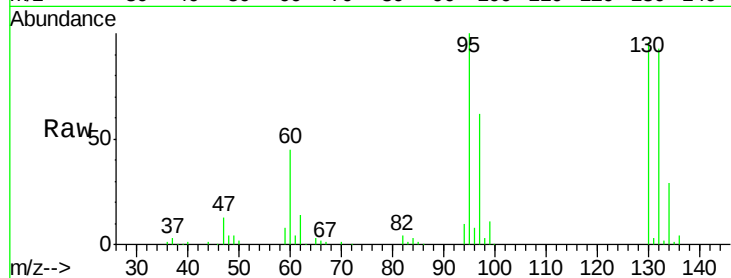
ST008MW167-190410

Tot Ion:130 Resp: 43060

Ion Ratio Lower Upper

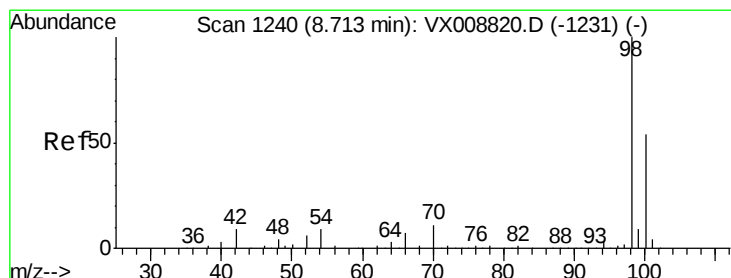
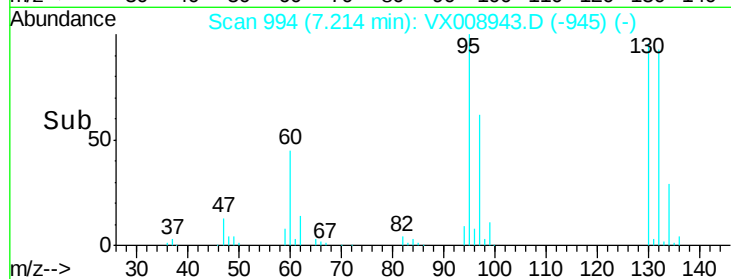
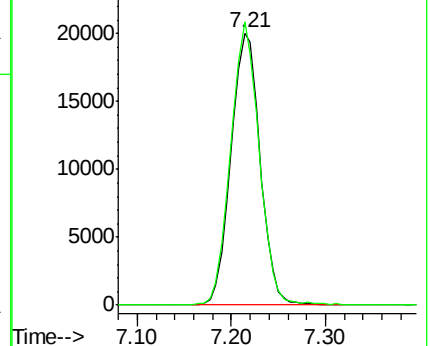
130 100

95 104.1 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.965 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008943.D

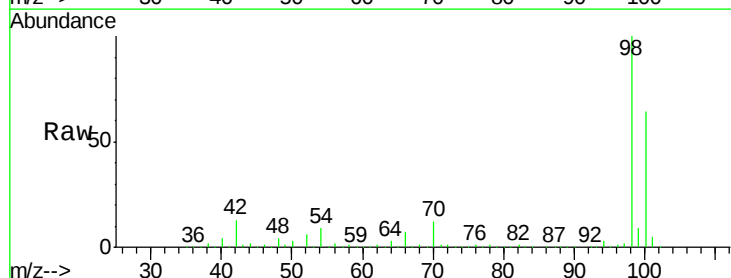
Acq: 13 Apr 2019 19:39

Tgt Ion: 98 Resp: 391889

Ion Ratio Lower Upper

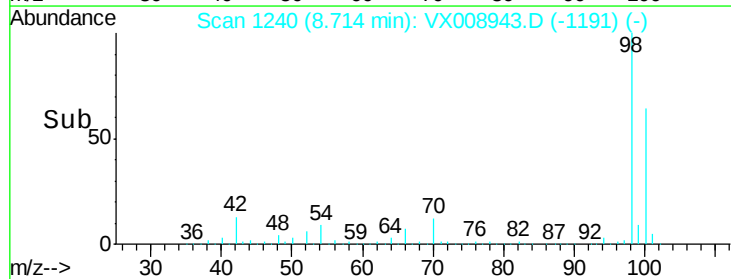
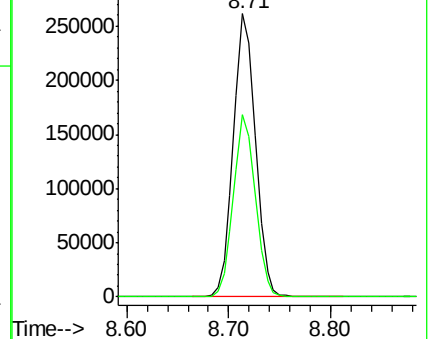
98 100

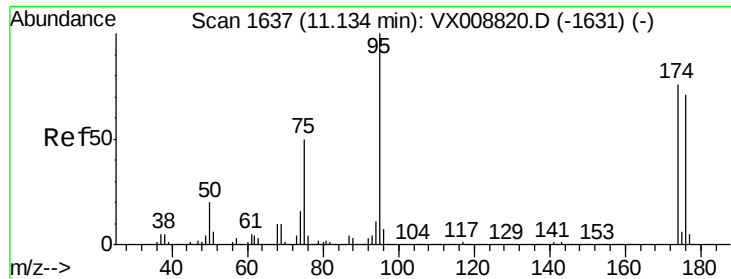
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

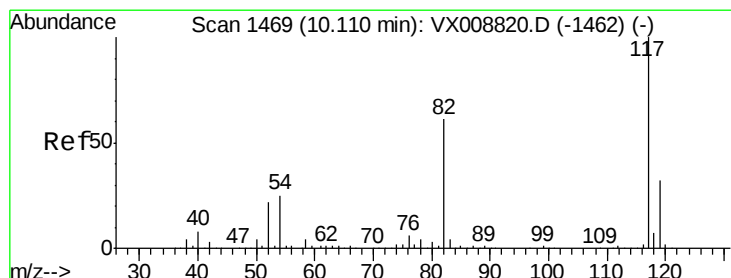
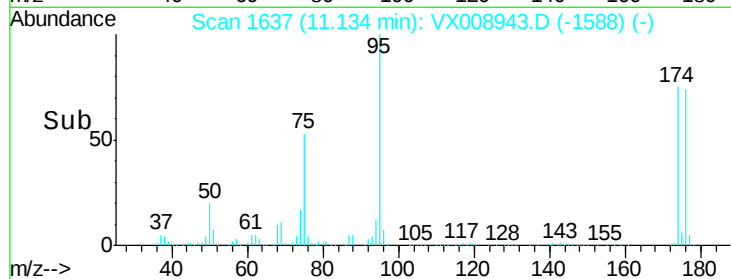
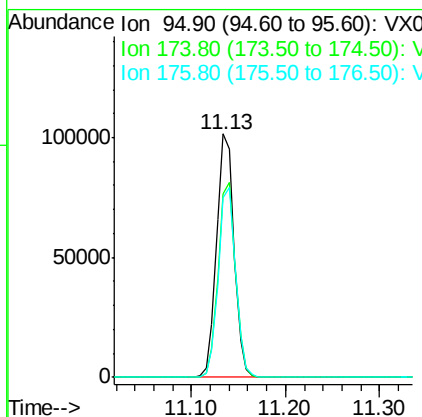
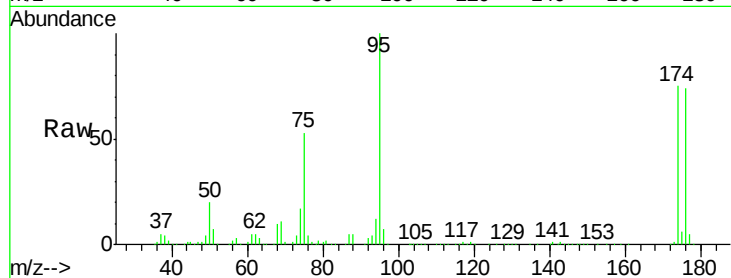




#62
4-Bromofluorobenzene
Concen: 45.247 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008943.D
Acq: 13 Apr 2019 19:39

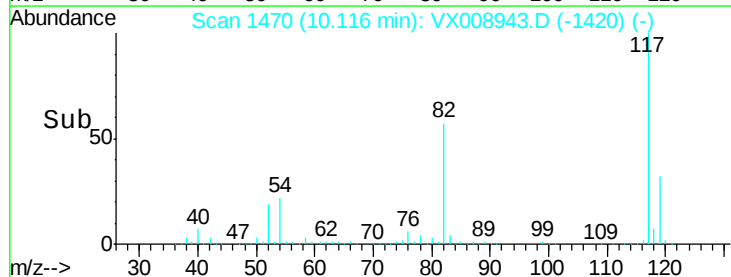
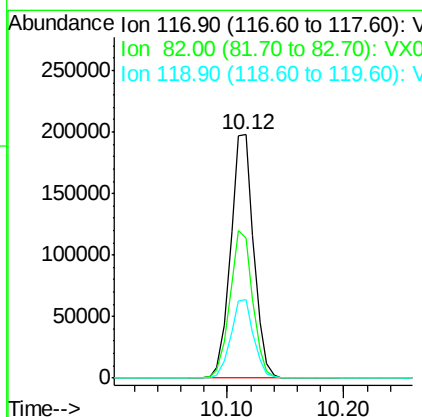
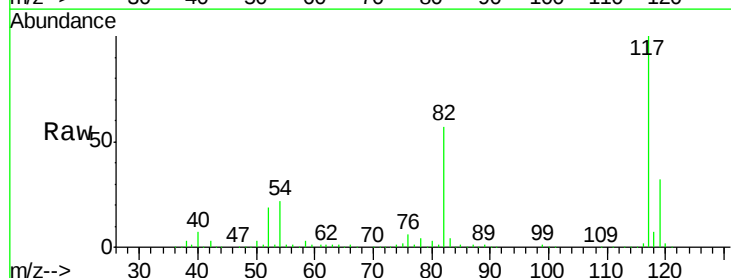
Instrument :
MSVOA_X
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ST008MW167-190410

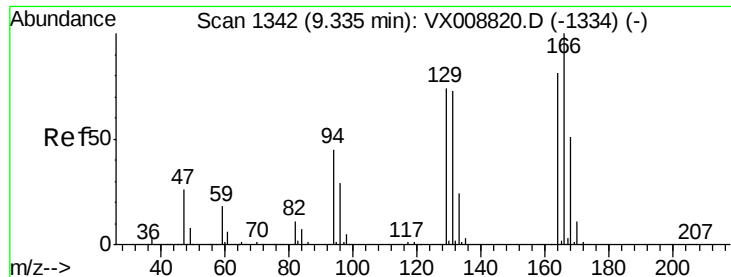
Tot Ion: 95 Resp: 131095
Ion Ratio Lower Upper
95 100
174 79.9 0.0 151.8
176 77.8 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008943.D
Acq: 13 Apr 2019 19:39

Tgt Ion: 117 Resp: 272823
Ion Ratio Lower Upper
117 100
82 57.3 49.6 74.4
119 32.2 25.0 37.4





#64

Tetrachloroethene

Concen: 564.796 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008943.D

Acq: 13 Apr 2019 19:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-190410

Tot Ion:164 Resp: 1141641

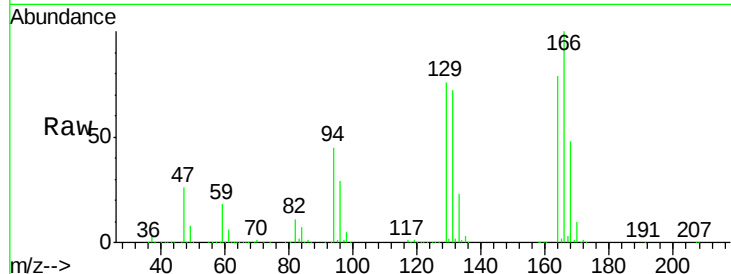
Ion Ratio Lower Upper

164 100

166 126.1 101.0 151.6

129 96.0 75.8 113.8

131 91.3 71.8 107.8

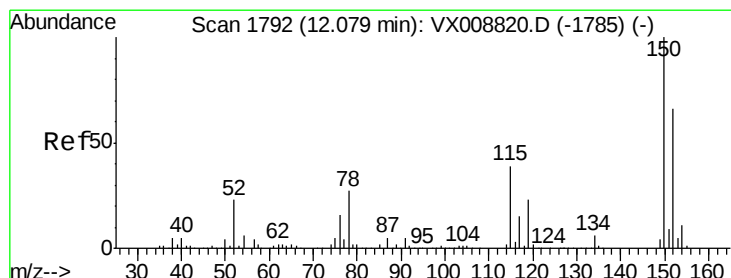
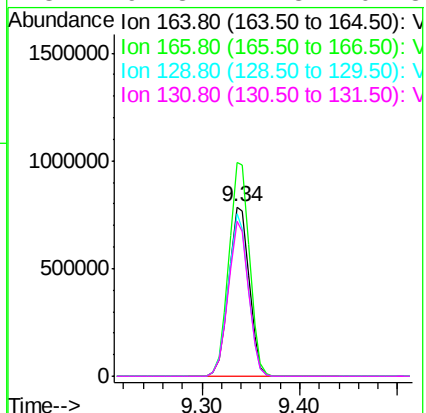
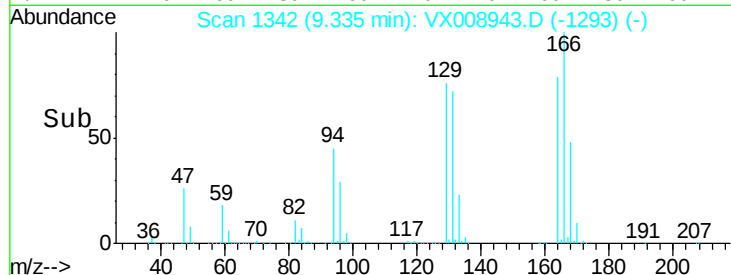


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008943.D

Acq: 13 Apr 2019 19:39

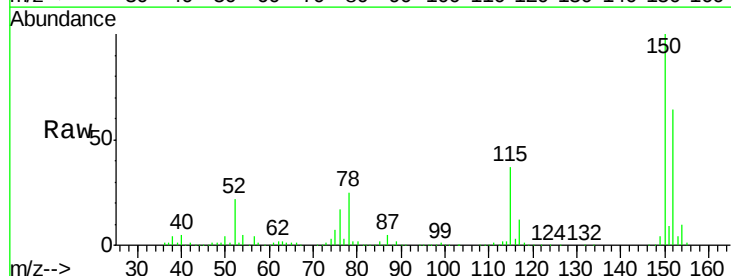
Tgt Ion:152 Resp: 117398

Ion Ratio Lower Upper

152 100

115 59.5 43.5 130.5

150 158.0 0.0 348.8



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

