

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008741.D
 Acq On : 08 Apr 2019 13:40
 Operator : JC/SP
 Sample : K2295-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW305-190404

Quant Time: Apr 09 07:05:02 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

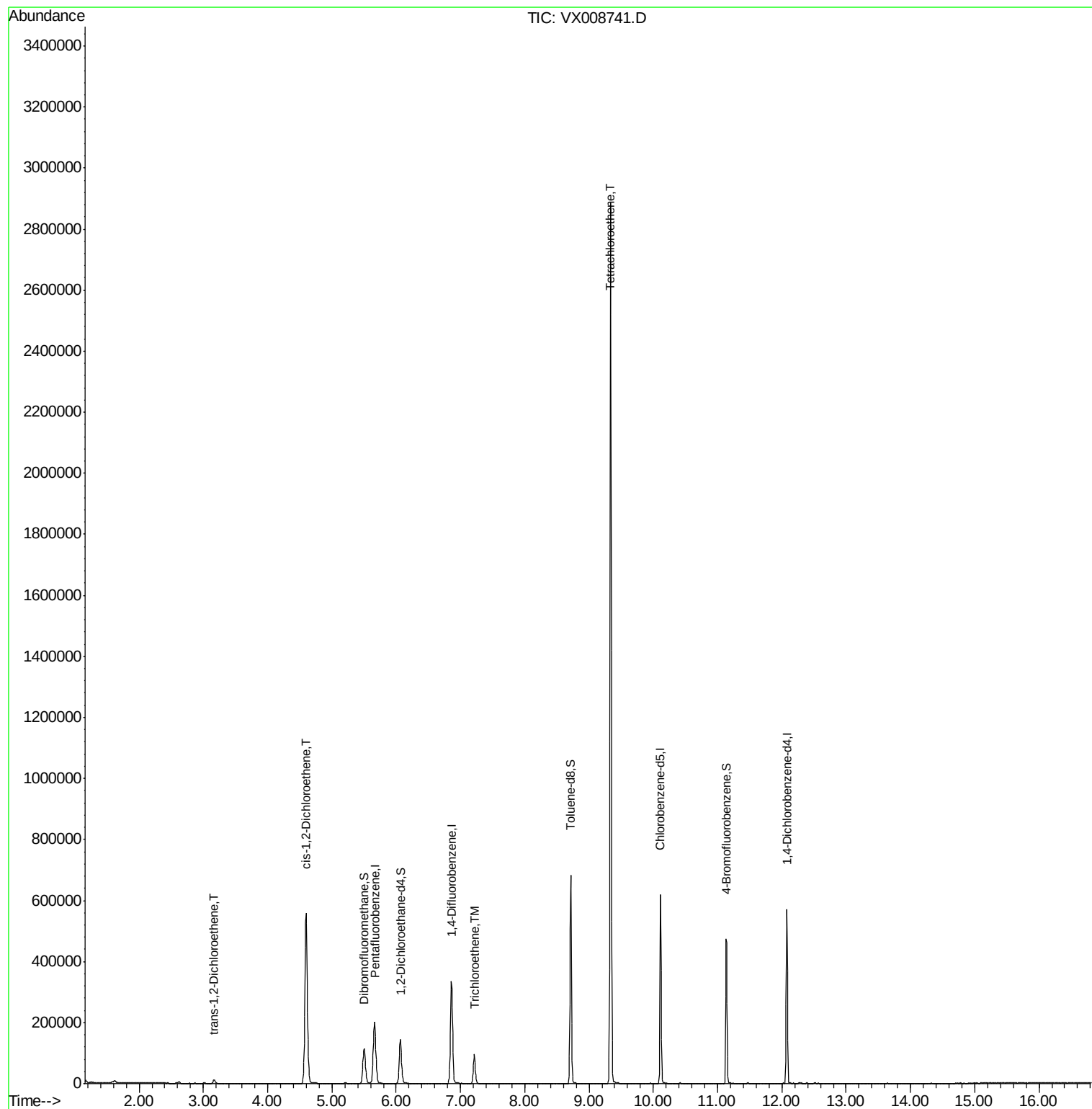
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133845	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	5.50	113	99421	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	8.71	98	401486	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.13	95	131662	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	4631	1.911	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	345518	123.986	ug/l	89
44) Trichloroethene	7.21	130	35752	14.504	ug/l	100
64) Tetrachloroethene	9.34	164	555845	272.142	ug/l	99

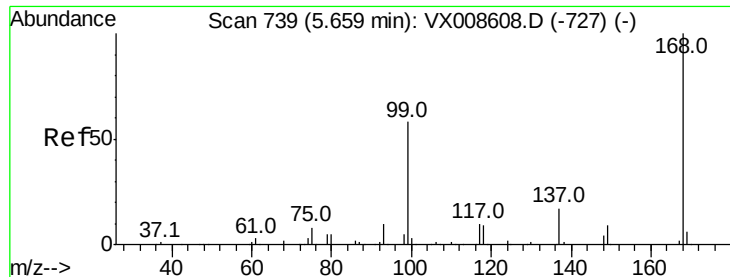
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX008741.D

Acq: 08 Apr 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

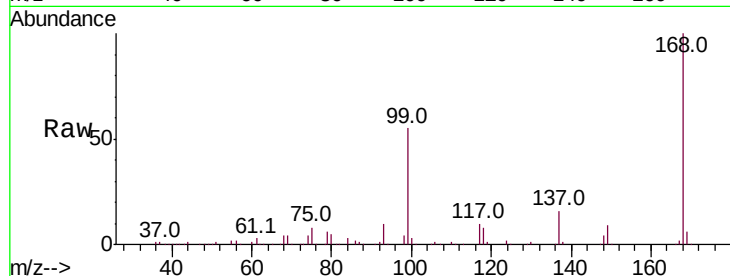
ST008MW305-190404

Tot Ion:168 Resp: 193830

Ion Ratio Lower Upper

168 100

99 54.6 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

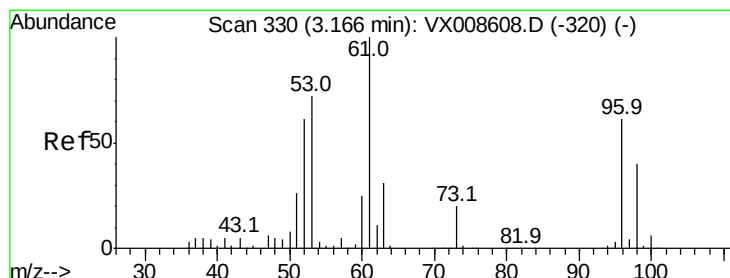
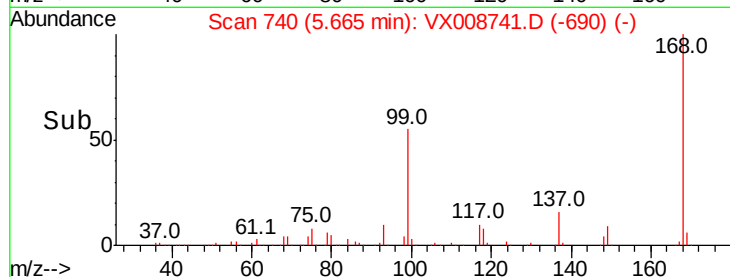
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 1.911 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008741.D

Acq: 08 Apr 2019 13:40

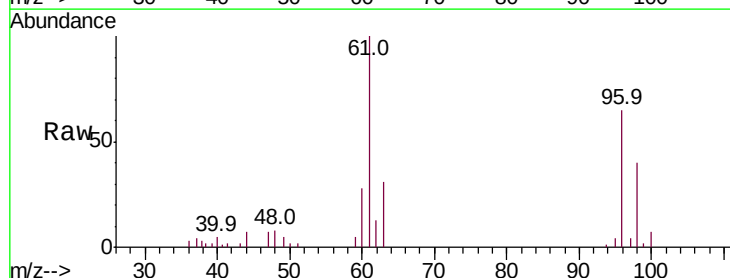
Tgt Ion: 96 Resp: 4631

Ion Ratio Lower Upper

96 100

61 150.5 132.1 198.1

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

5000

4000

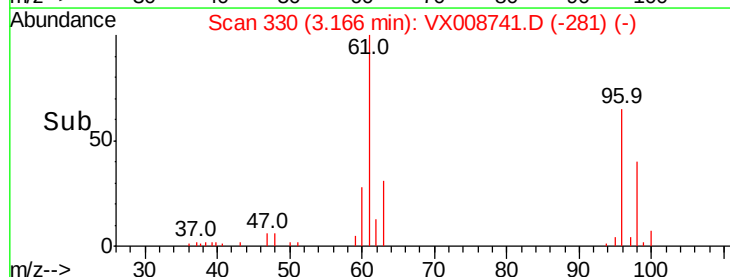
3000

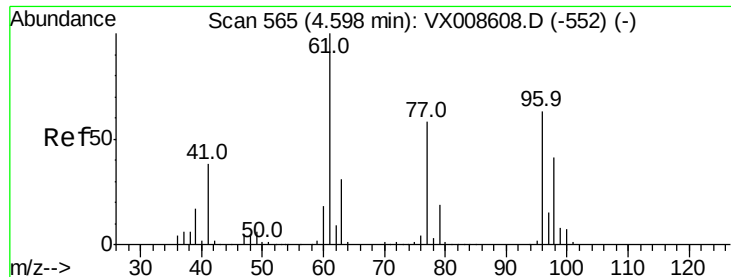
2000

1000

0

Time--> 3.10 3.15 3.20 3.25



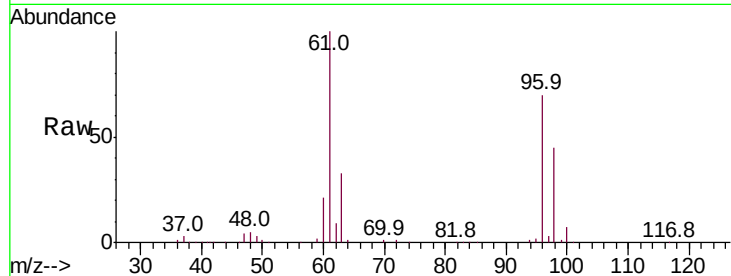


#27

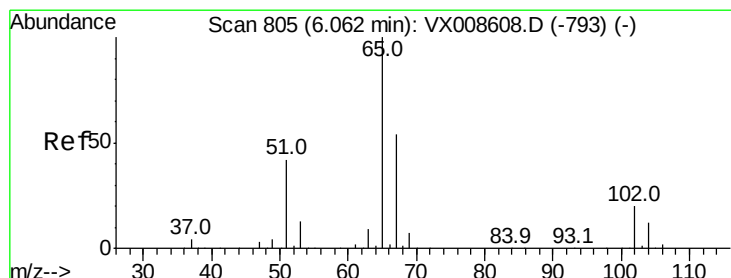
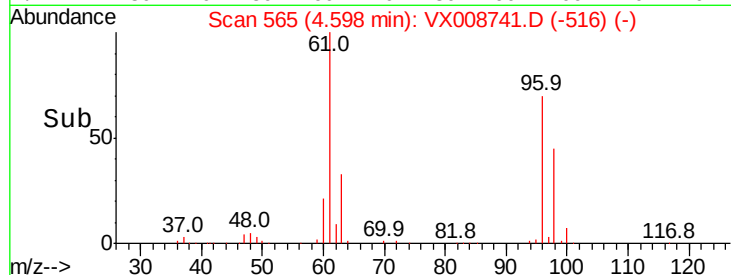
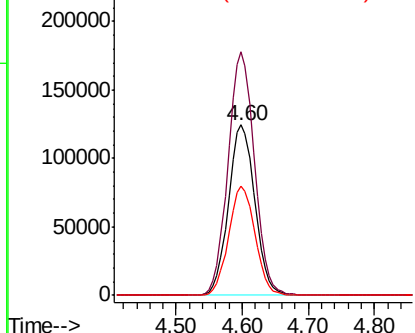
cis-1,2-Dichloroethene
 Concen: 123.986 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008741.D
 Acq: 08 Apr 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW305-190404

Tot Ion: 96 Resp: 345518
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 327.6
 98 64.2 0.0 128.6



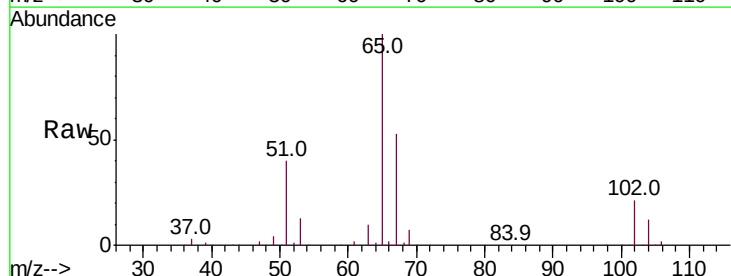
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



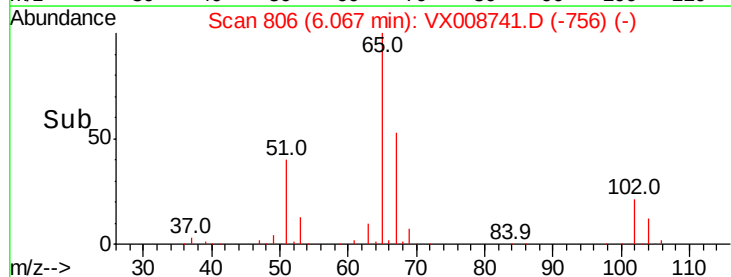
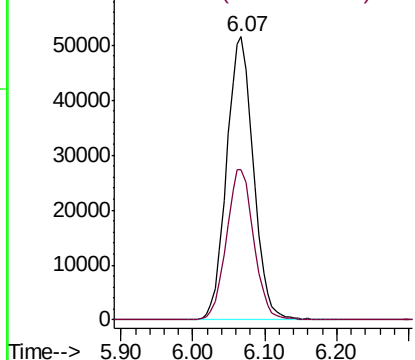
#33

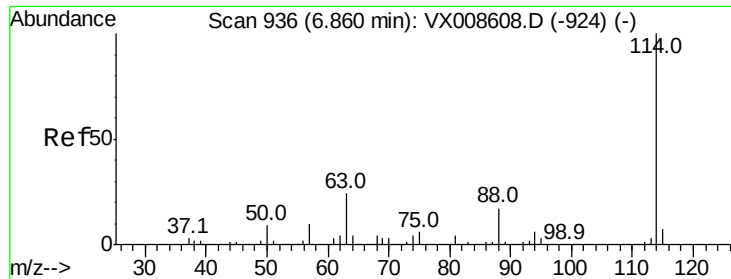
1,2-Dichloroethane-d4
 Concen: 47.343 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX008741.D
 Acq: 08 Apr 2019 13:40

Tgt Ion: 65 Resp: 133845
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

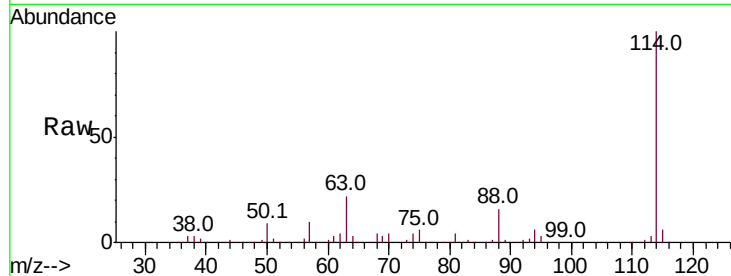




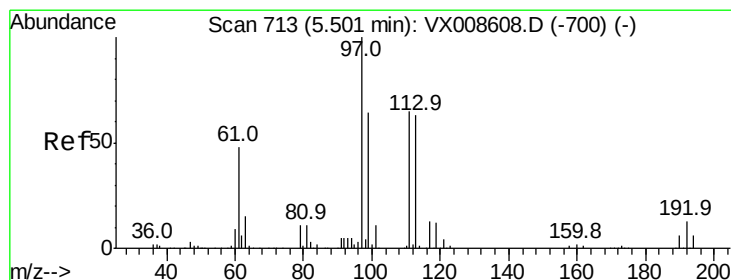
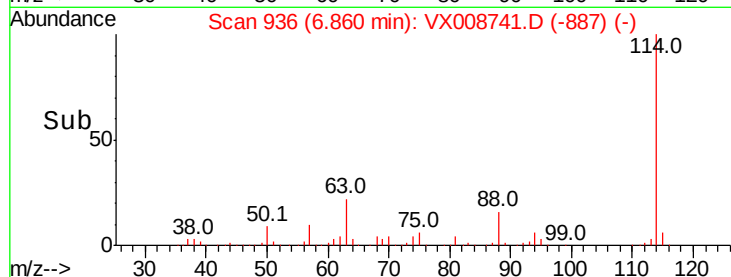
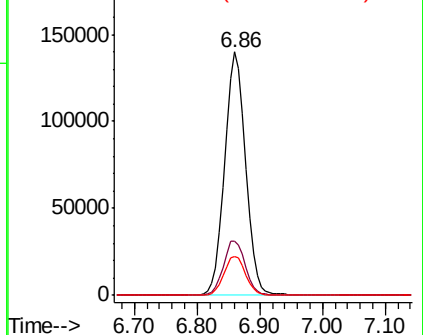
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008741.D
 Acq: 08 Apr 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW305-190404

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.2
88	16.2	0.0	34.0

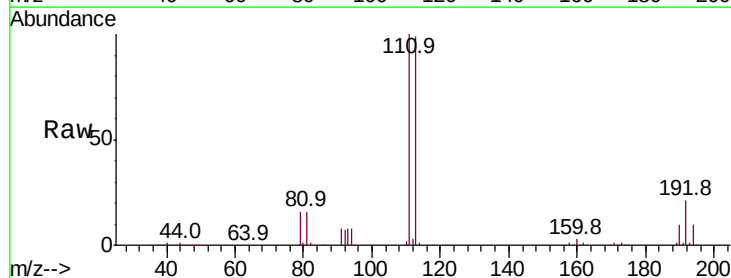


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

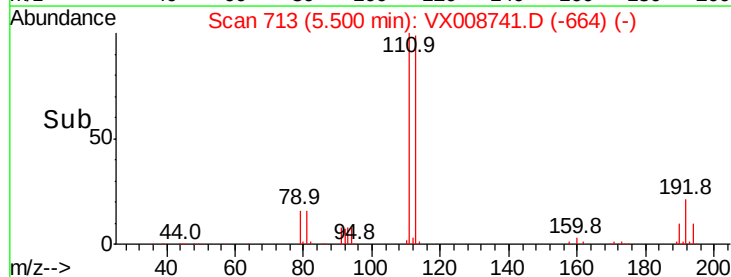
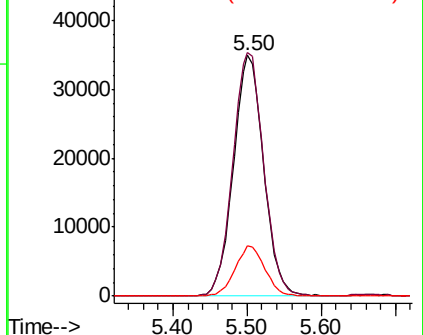


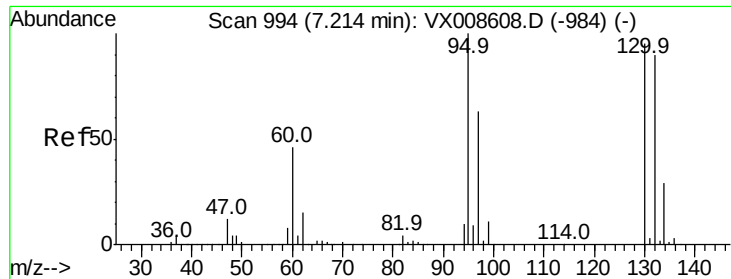
#35
 Dibromofluoromethane
 Concen: 47.847 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008741.D
 Acq: 08 Apr 2019 13:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	20.5	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: 14.504 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008741.D

Acq: 08 Apr 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

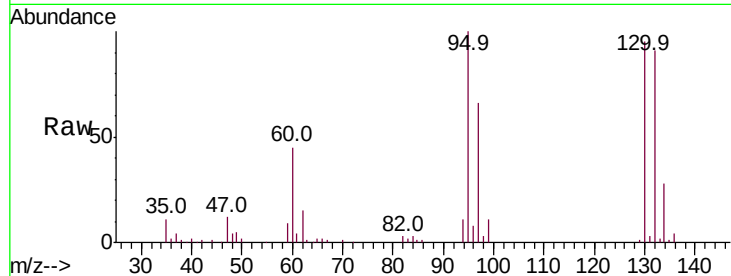
ST008MW305-190404

Tot Ion:130 Resp: 35752

Ion Ratio Lower Upper

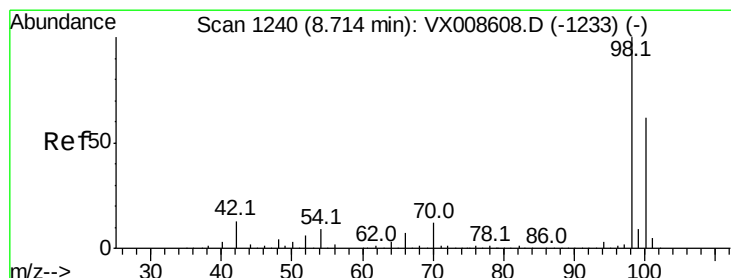
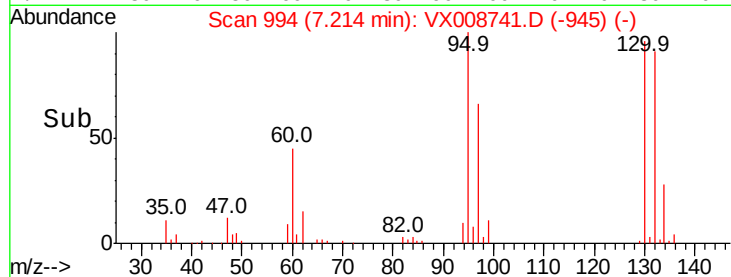
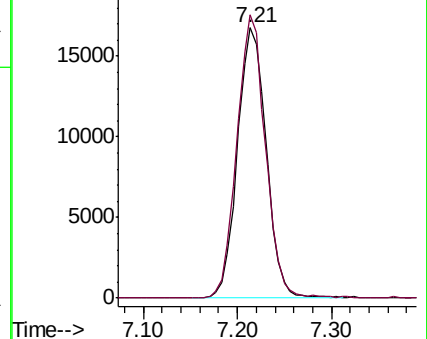
130 100

95 104.8 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: 48.526 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008741.D

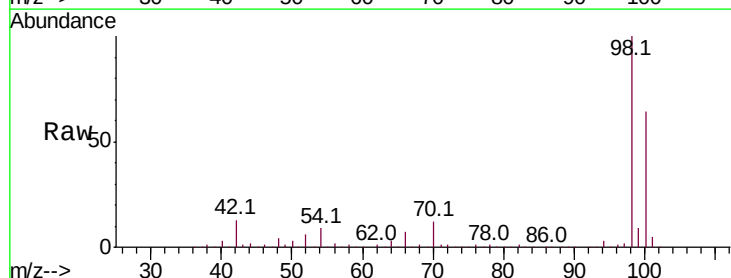
Acq: 08 Apr 2019 13:40

Tgt Ion: 98 Resp: 401486

Ion Ratio Lower Upper

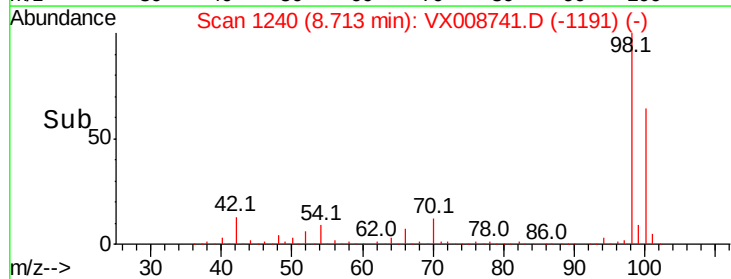
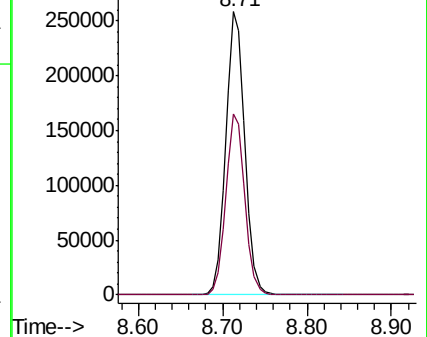
98 100

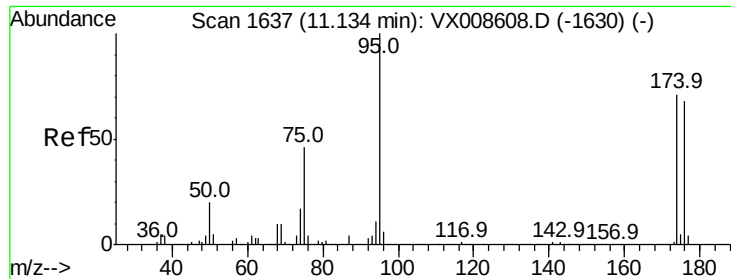
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

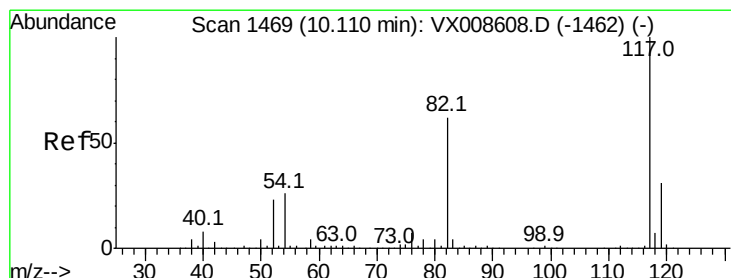
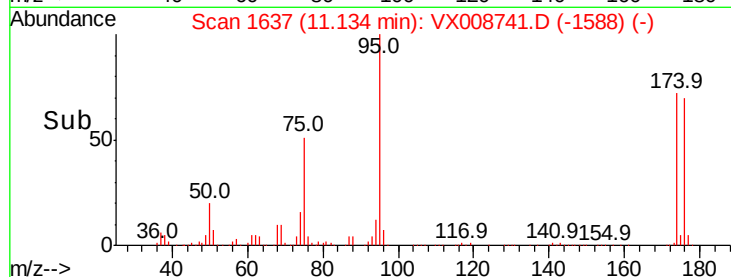
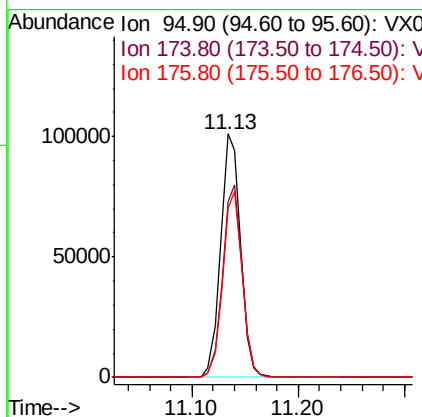
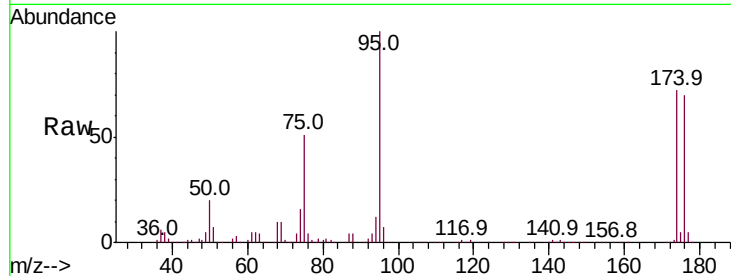




#62
4-Bromofluorobenzene
Concen: 44.875 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008741.D
Acq: 08 Apr 2019 13:40

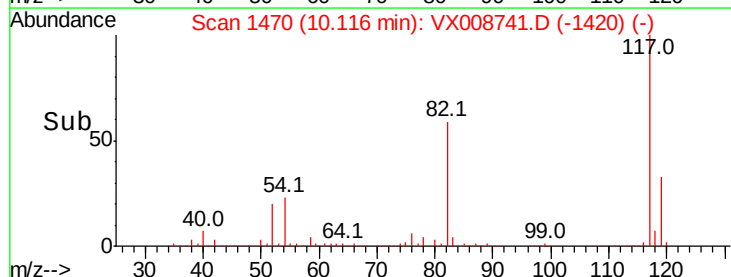
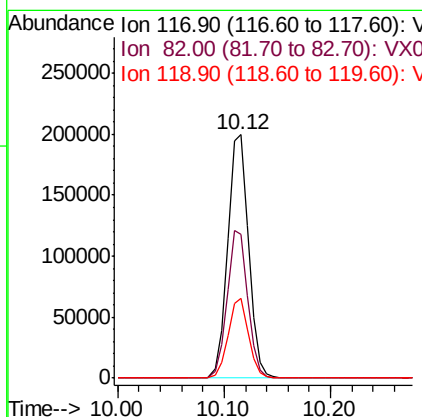
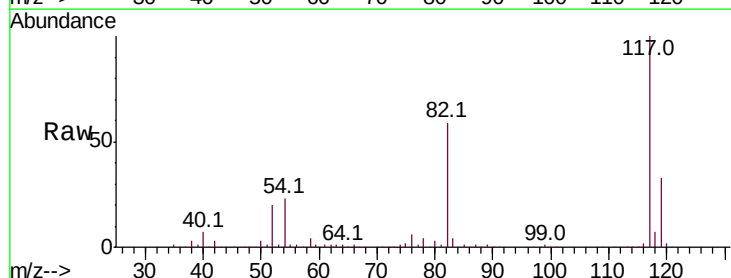
Instrument :
MSVOA_X
ClientSampleId :
ST008MW305-190404

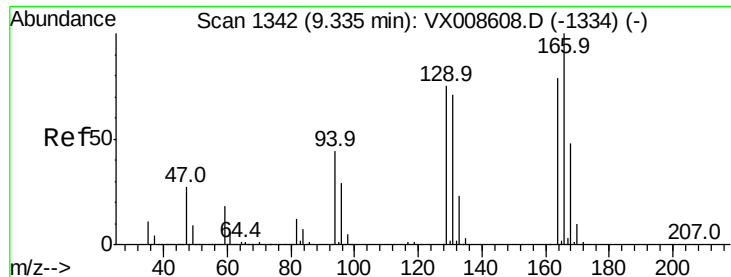
Tot Ion: 95 Resp: 131662
Ion Ratio Lower Upper
95 100
174 77.8 0.0 151.8
176 75.2 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008741.D
Acq: 08 Apr 2019 13:40

Tgt Ion: 117 Resp: 275678
Ion Ratio Lower Upper
117 100
82 58.9 49.6 74.4
119 32.7 25.0 37.4





#64

Tetrachloroethene

Concen: 272.142 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008741.D

Acq: 08 Apr 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

ST008MW305-190404

Tot Ion:164 Resp: 555845

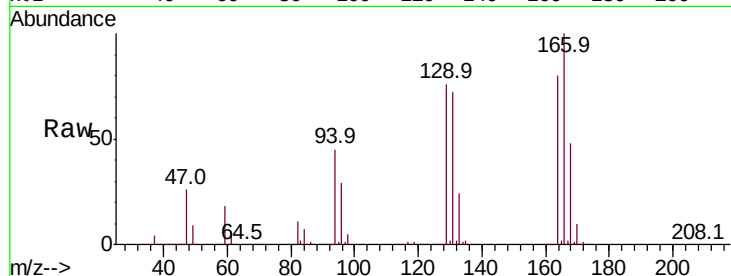
Ion Ratio Lower Upper

164 100

166 125.8 101.0 151.6

129 95.6 75.8 113.8

131 91.1 71.8 107.8



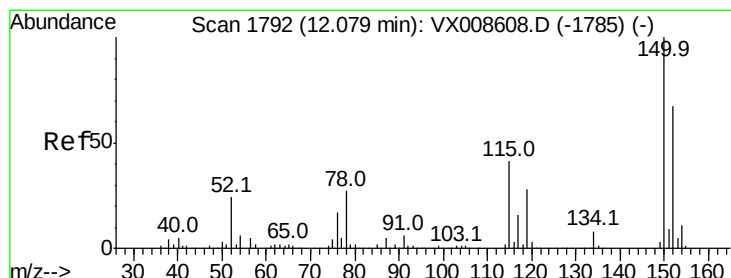
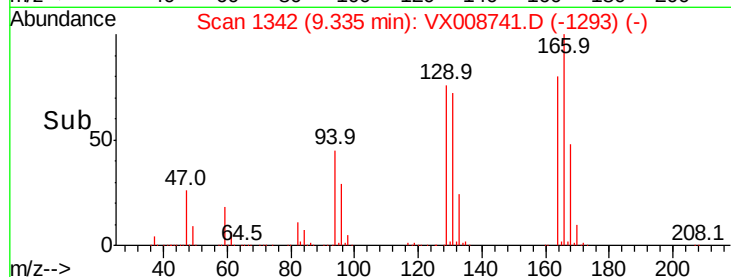
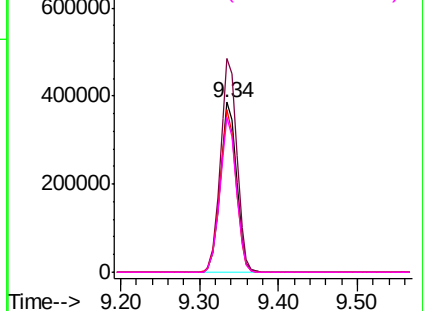
Abundance

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: VX008741.D

Acq: 08 Apr 2019 13:40

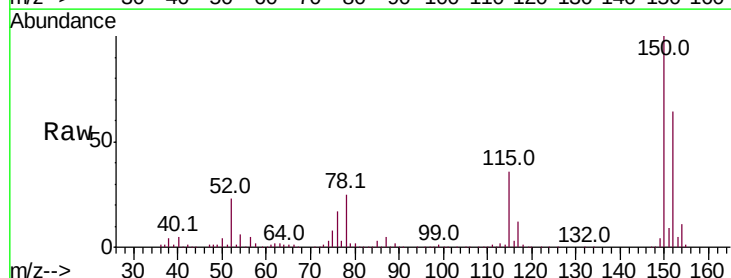
Tgt Ion:152 Resp: 114698

Ion Ratio Lower Upper

152 100

115 58.9 43.5 130.5

150 157.0 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

