

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009279.D
 Acq On : 02 May 2019 17:38
 Operator : JC/SP
 Sample : K2659-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW612-190429

Quant Time: May 03 03:49:17 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

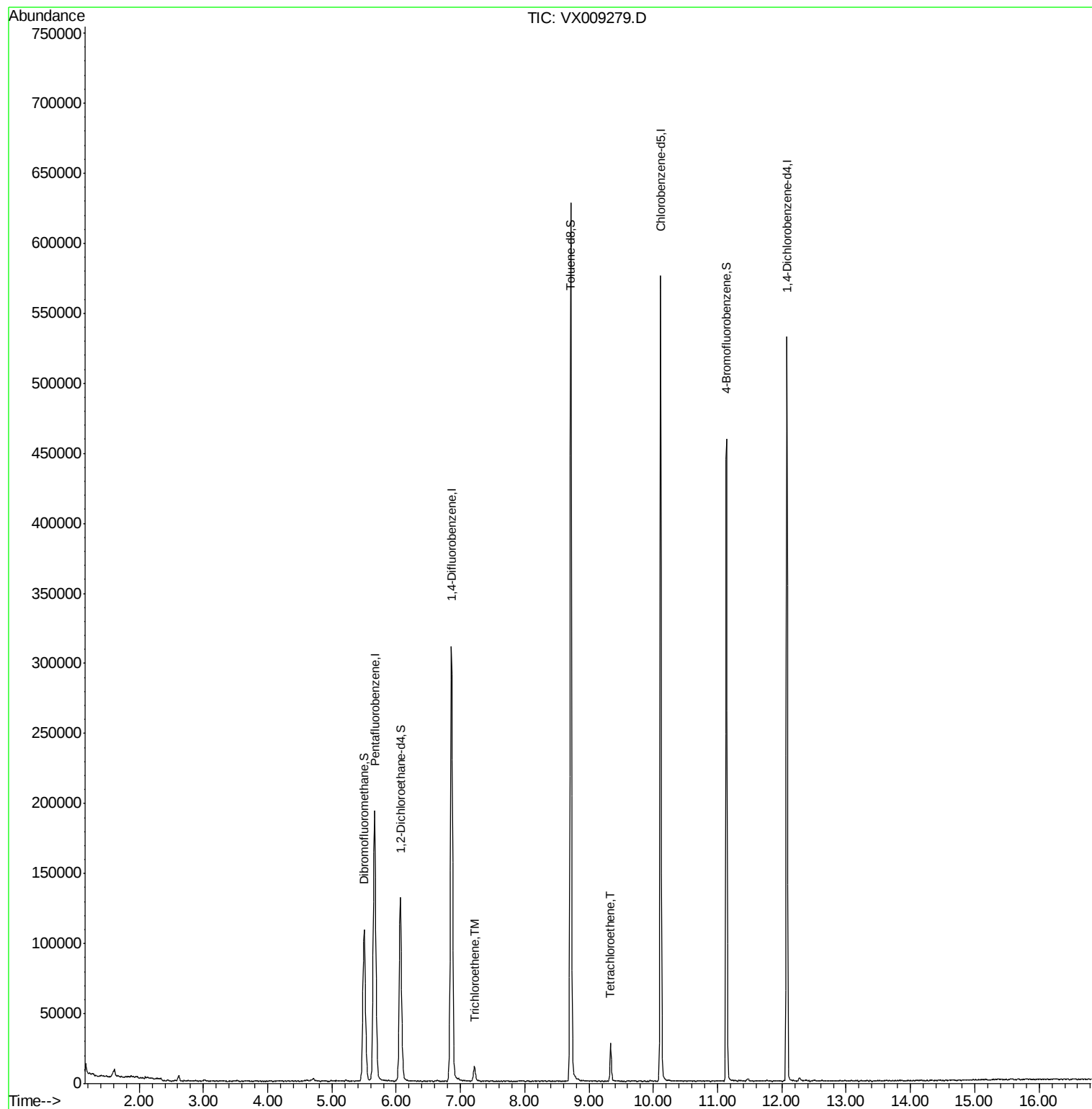
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	124488	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	5.50	113	92574	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	8.71	98	379912	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	123528	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.88%	
Target Compounds						
44) Trichloroethene	7.22	130	3901	1.840	ug/l	96
64) Tetrachloroethene	9.33	164	5329	2.956	ug/l	98

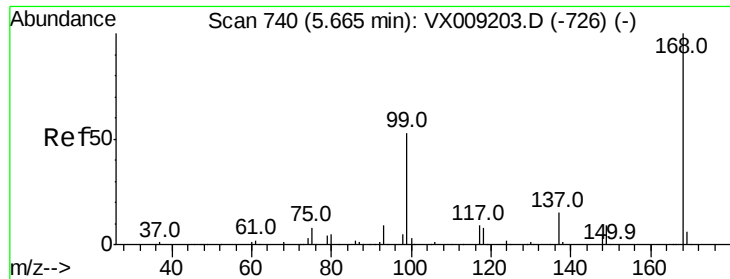
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009279.D

Acq: 02 May 2019 17:38

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MSVOA_X

ClientSampleId :

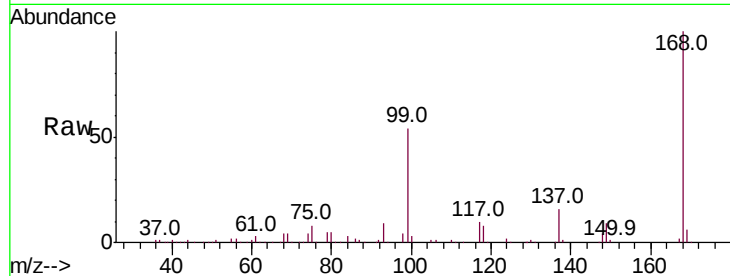
SS050MW612-190429

Tot Ion:168 Resp: 187719

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

5.66

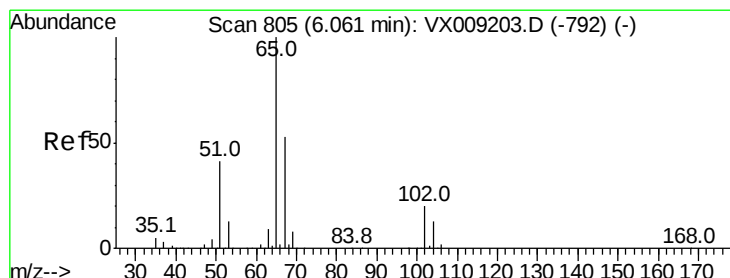
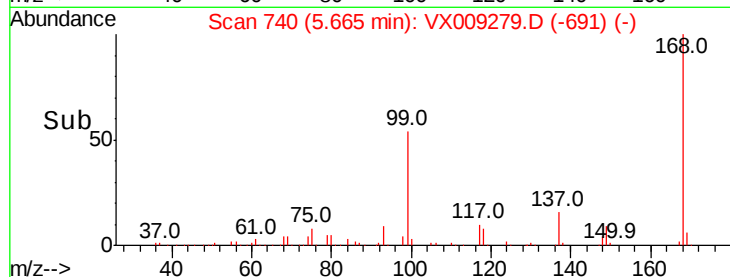
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.579 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009279.D

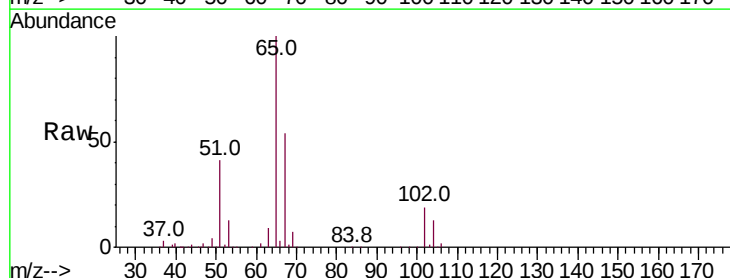
Acq: 02 May 2019 17:38

Tgt Ion: 65 Resp: 124488

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

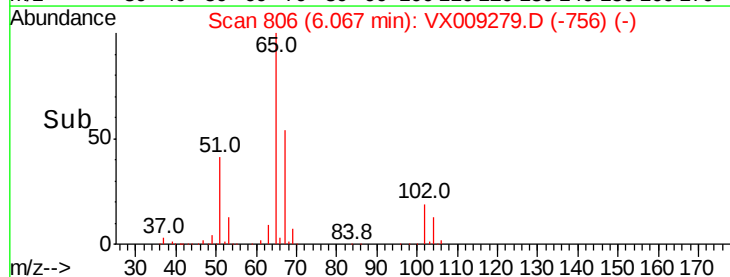
30000

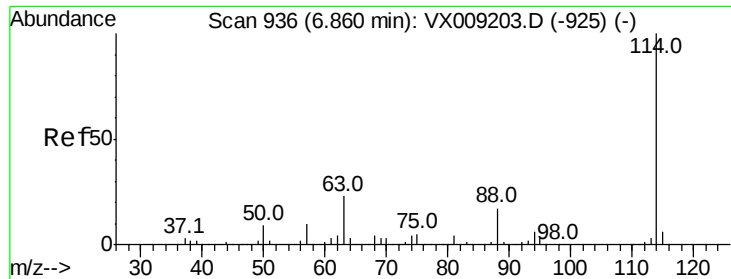
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

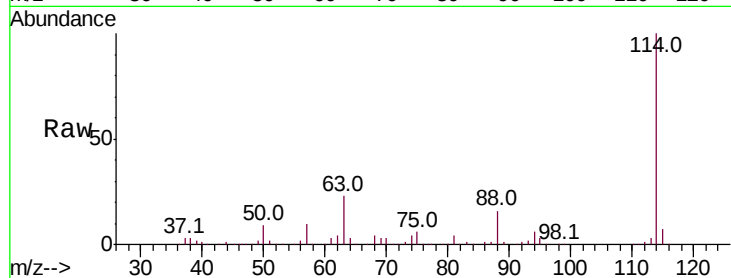




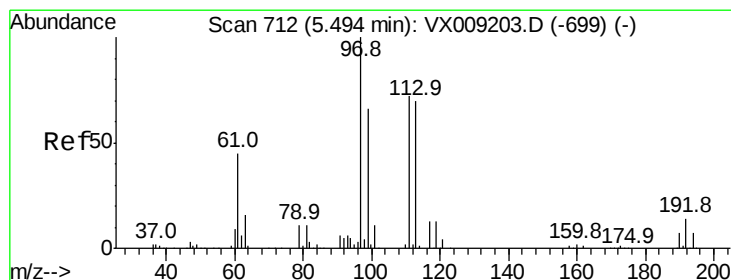
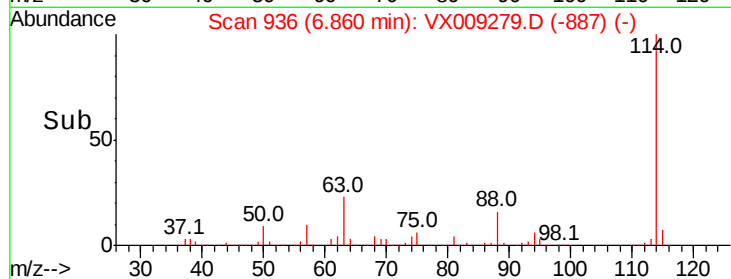
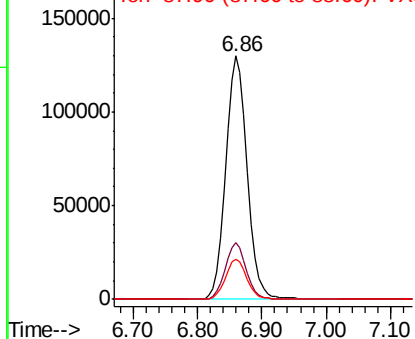
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009279.D
 Acq: 02 May 2019 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW612-190429

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.4	0.0	33.2

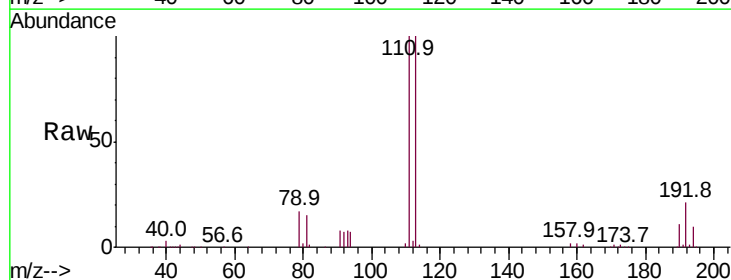


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

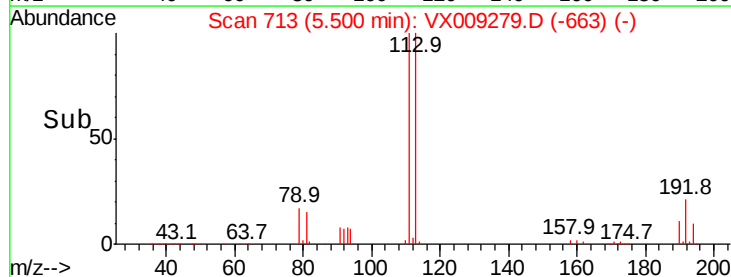
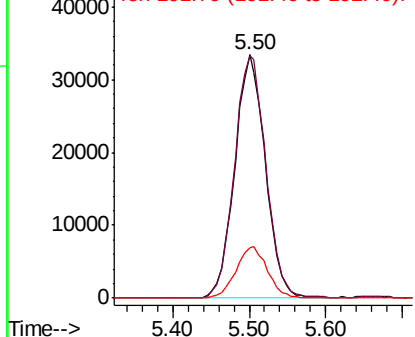


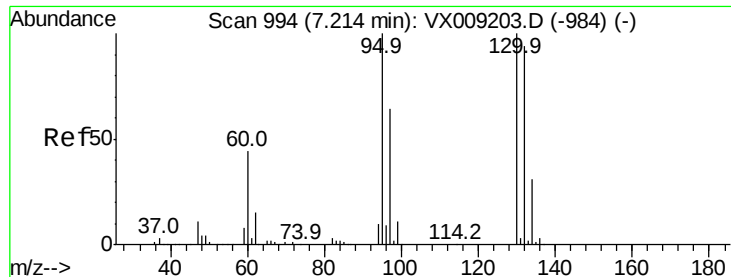
#35
 Dibromofluoromethane
 Concen: 48.305 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009279.D
 Acq: 02 May 2019 17:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	21.6	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: 1.840 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009279.D

Acq: 02 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

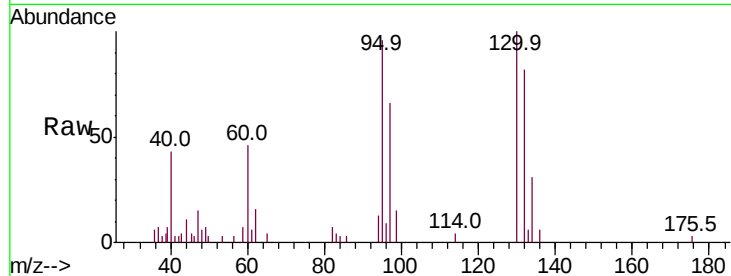
SS050MW612-190429

Tot Ion:130 Resp: 3901

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): VX0

7.22

2000

1500

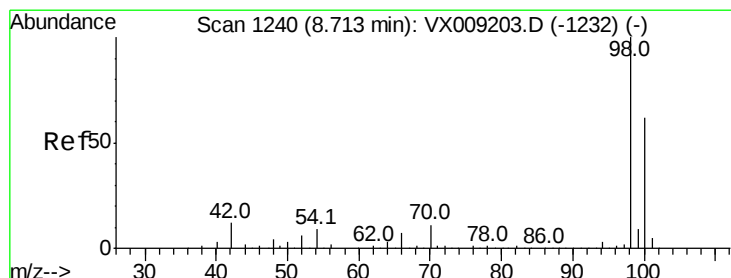
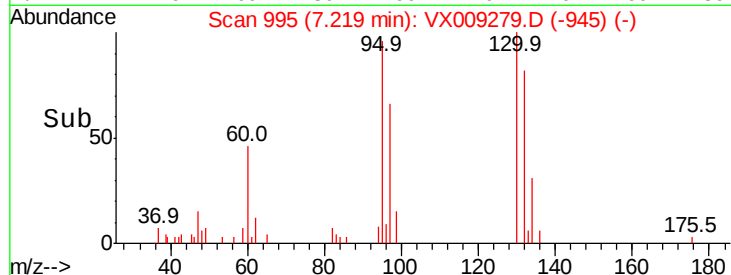
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 49.102 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009279.D

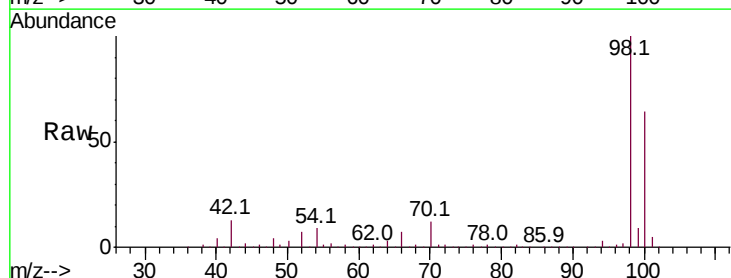
Acq: 02 May 2019 17:38

Tgt Ion: 98 Resp: 379912

Ion Ratio Lower Upper

98 100

100 63.6 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

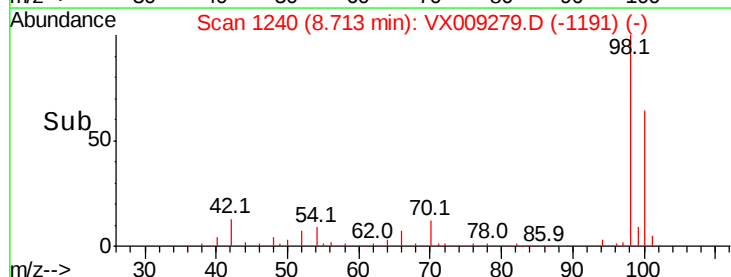
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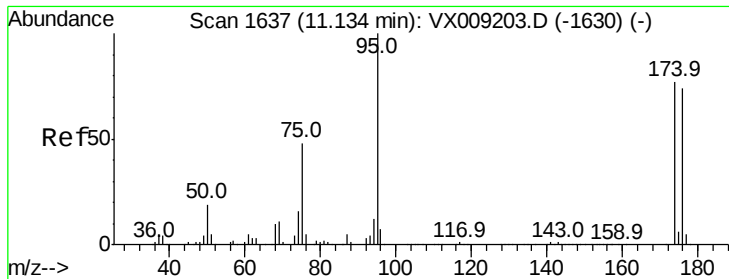
50000

0

8.60 8.70 8.80 8.90 9.00

Time-->





#62

4-Bromofluorobenzene

Concen: 43.938 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009279.D

Acq: 02 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

SS050MW612-190429

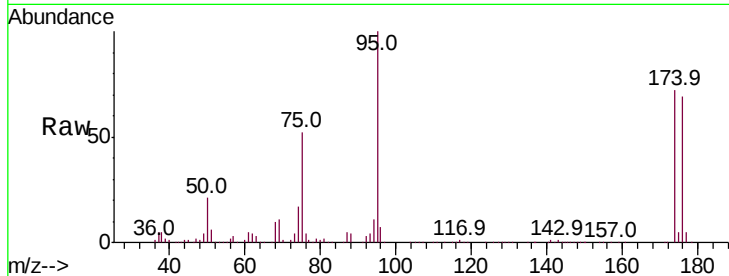
Tot Ion: 95 Resp: 123528

Ion Ratio Lower Upper

95 100

174 81.0 0.0 161.6

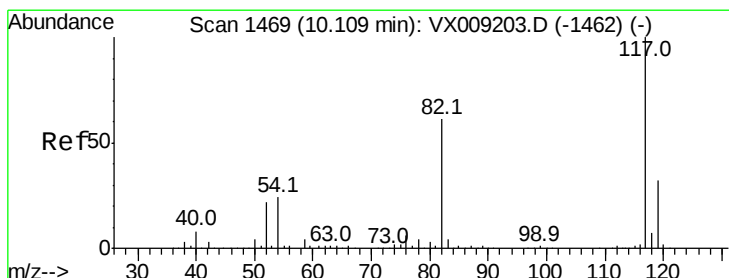
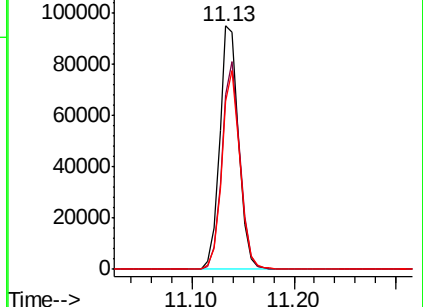
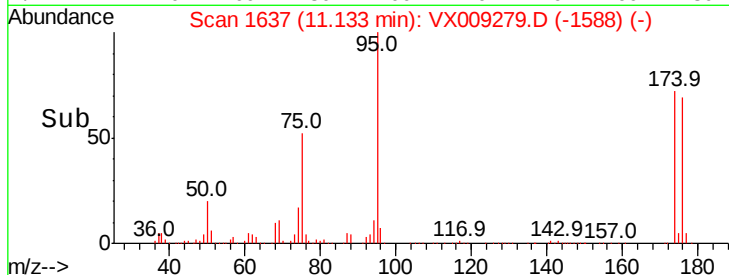
176 78.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009279.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009279.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009279.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009279.D

Acq: 02 May 2019 17:38

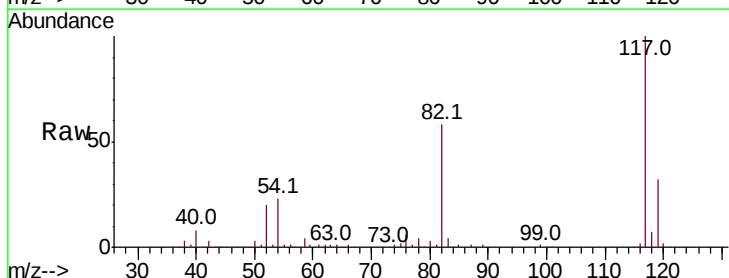
Tgt Ion: 117 Resp: 262812

Ion Ratio Lower Upper

117 100

82 57.7 48.8 73.2

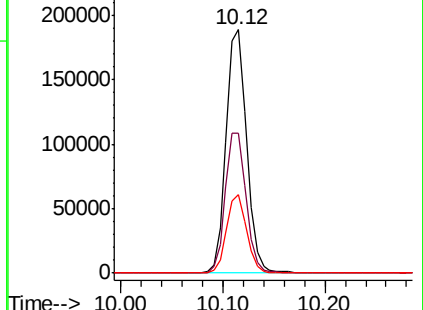
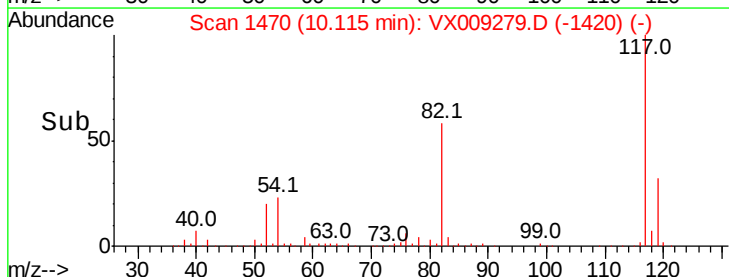
119 32.2 25.8 38.6

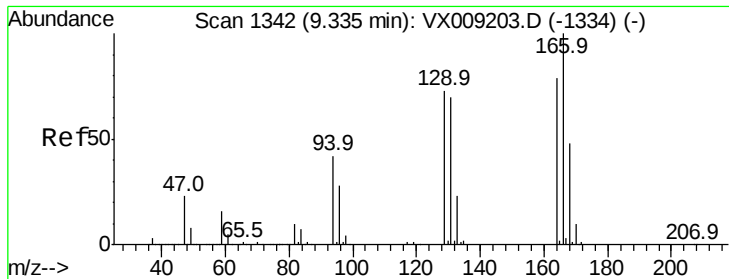


Abundance Ion 116.90 (116.60 to 117.60): VX009279.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009279.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009279.D (-1420) (-)

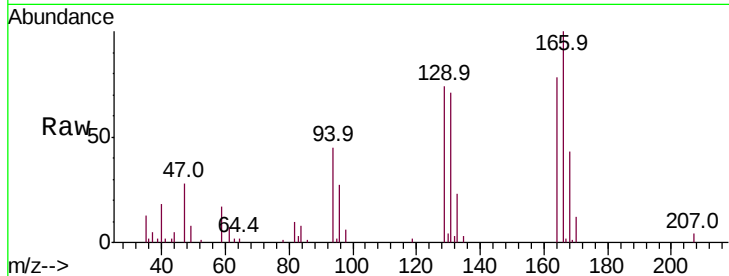




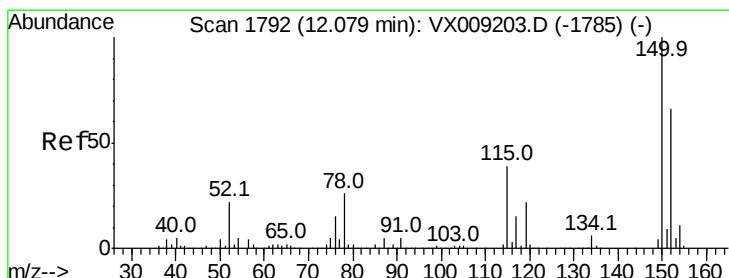
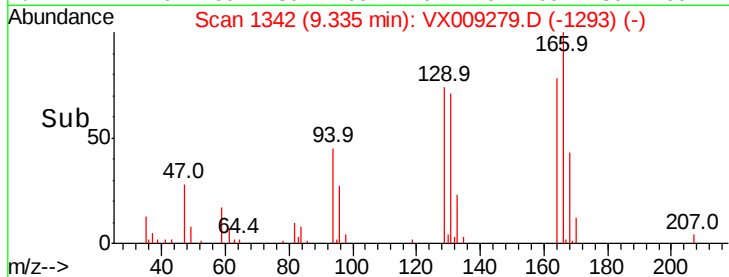
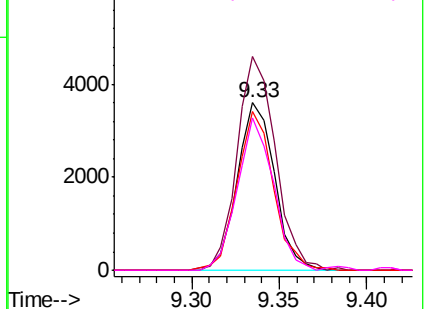
#64
Tetrachloroethene
Concen: 2.956 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
SS050MW612-190429

Tot Ion:164 Resp: 5329
Ion Ratio Lower Upper
164 100
166 127.8 101.2 151.8
129 95.0 74.3 111.5
131 91.0 71.0 106.6

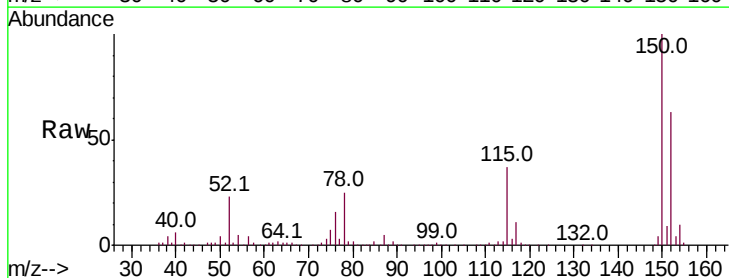


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009279.D
Acq: 02 May 2019 17:38

Tgt Ion:152 Resp: 107621
Ion Ratio Lower Upper
152 100
115 59.5 41.2 123.6
150 158.6 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

