

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008748.D
 Acq On : 08 Apr 2019 16:24
 Operator : JC/SP
 Sample : K2295-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0505-190404

Quant Time: Apr 09 07:21:58 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

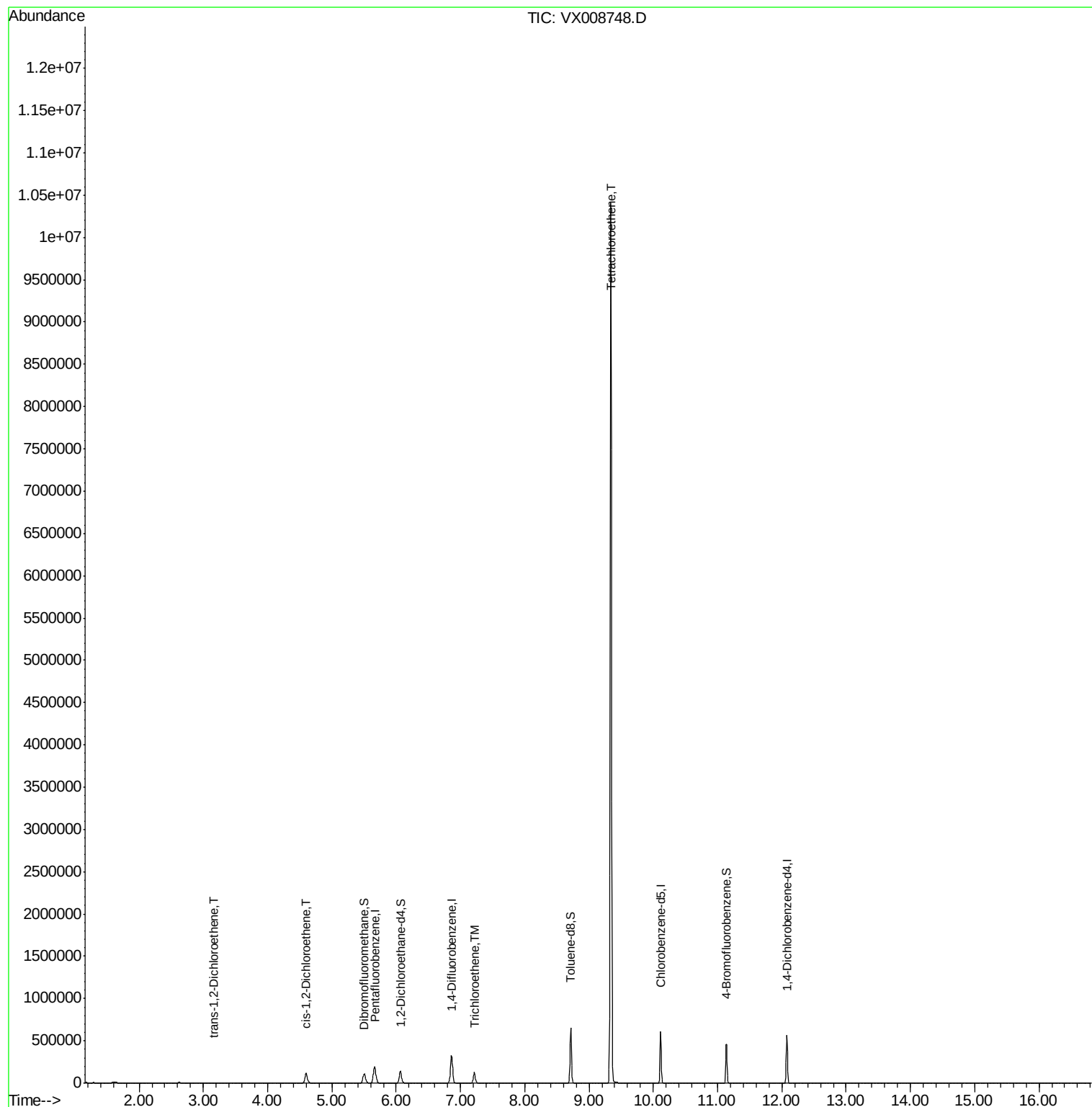
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315748	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130573	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.50	113	94306	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	8.71	98	388674	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	128126	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	1738	0.745	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	69689	25.978	ug/l	89
44) Trichloroethene	7.21	130	47092	19.664	ug/l	97
64) Tetrachloroethene	9.34	164	1985269	1010.580	ug/l	99

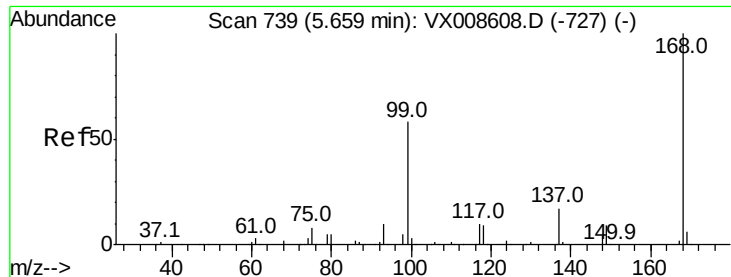
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008748.D

Acq: 08 Apr 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

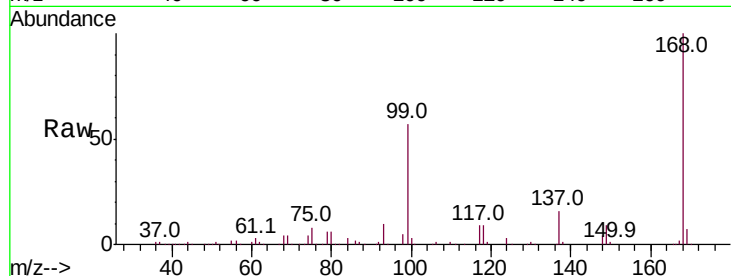
DUP-0505-190404

Tot Ion:168 Resp: 186585

Ion Ratio Lower Upper

168 100

99 57.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

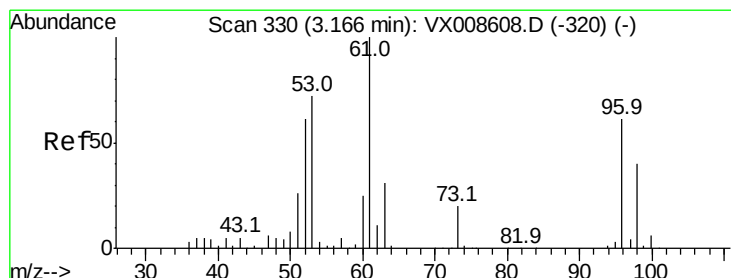
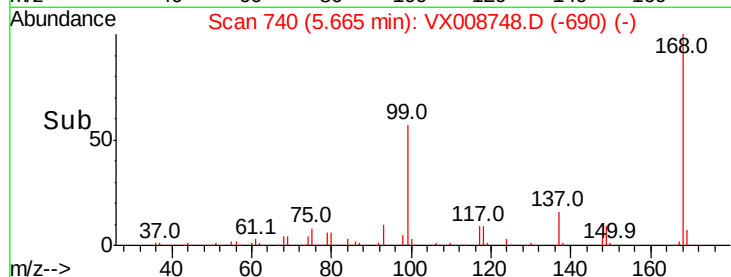
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 0.745 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008748.D

Acq: 08 Apr 2019 16:24

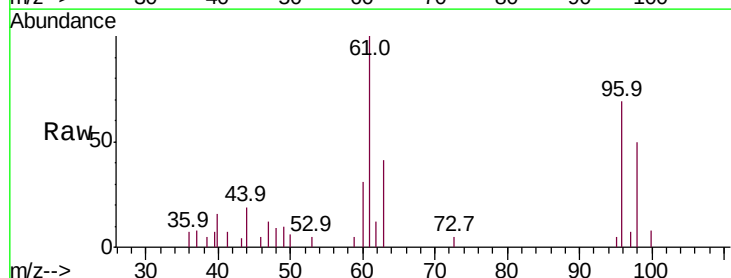
Tgt Ion: 96 Resp: 1738

Ion Ratio Lower Upper

96 100

61 145.4 132.1 198.1

98 72.2 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

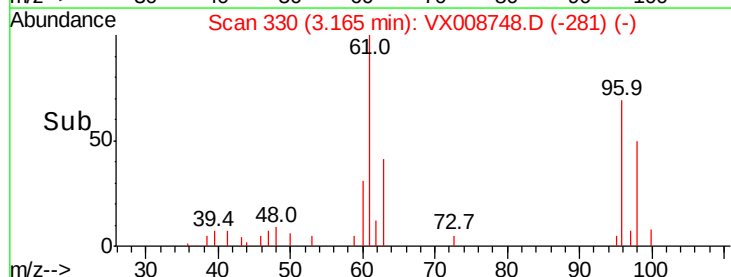
1500

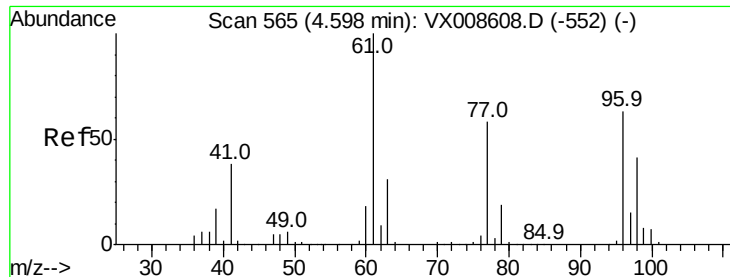
1000

500

0

Time--> 3.10 3.15 3.20



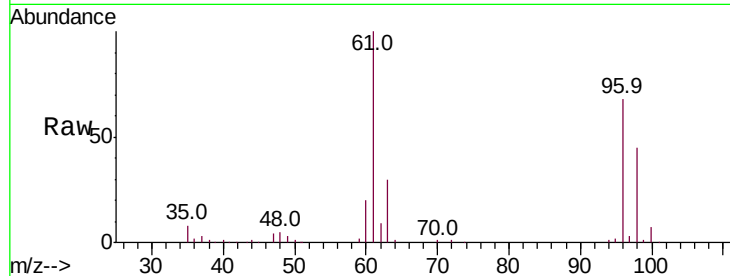


#27

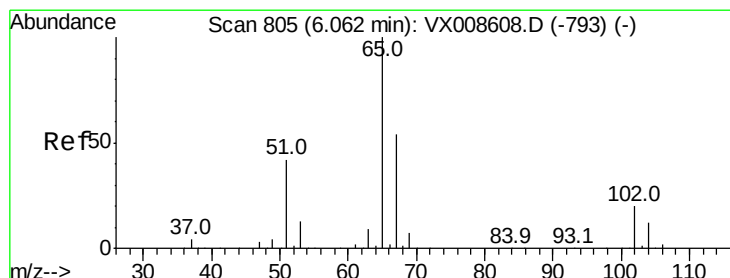
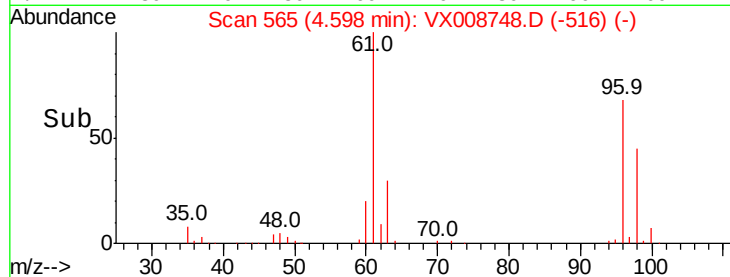
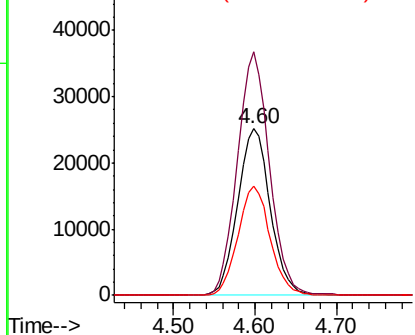
cis-1,2-Dichloroethene
Concen: 25.978 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008748.D
Acq: 08 Apr 2019 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP-0505-190404

Tot Ion: 96 Resp: 69689
Ion Ratio Lower Upper
96 100
61 144.6 0.0 327.6
98 65.1 0.0 128.6



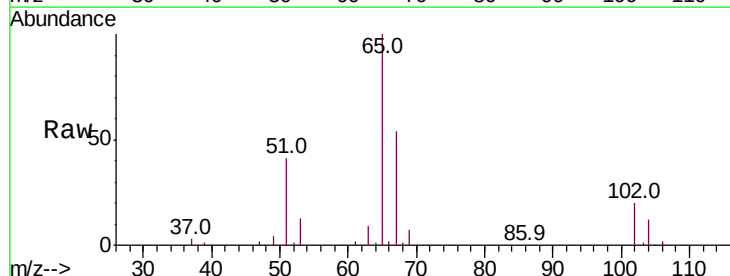
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



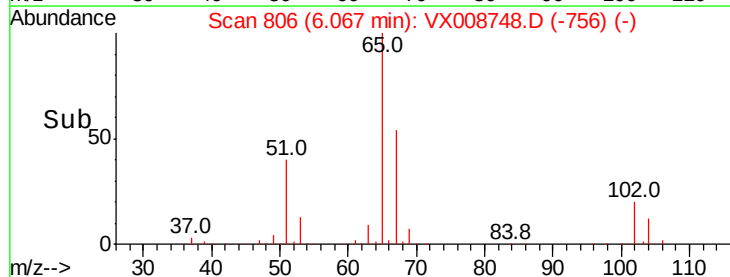
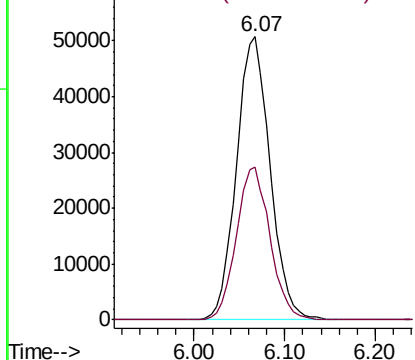
#33

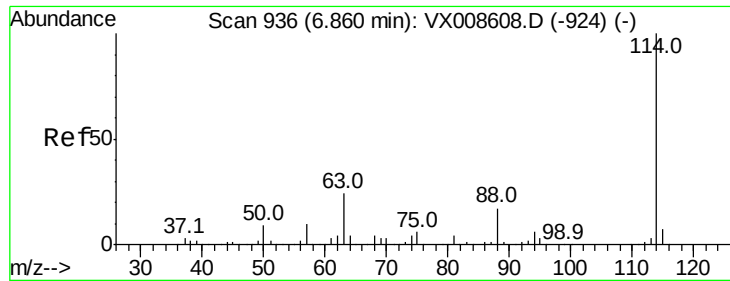
1,2-Dichloroethane-d4
Concen: 47.979 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX008748.D
Acq: 08 Apr 2019 16:24

Tgt Ion: 65 Resp: 130573
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: VX008748.D

Acq: 08 Apr 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

DUP-0505-190404

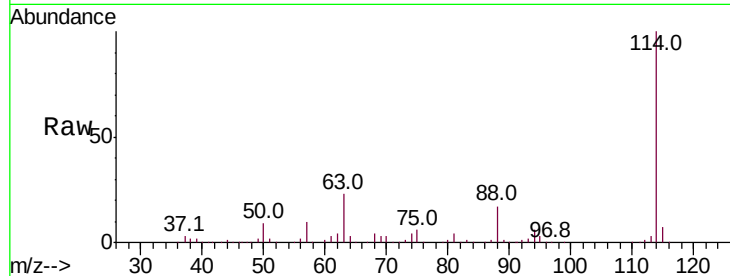
Tot Ion:114 Resp: 315748

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

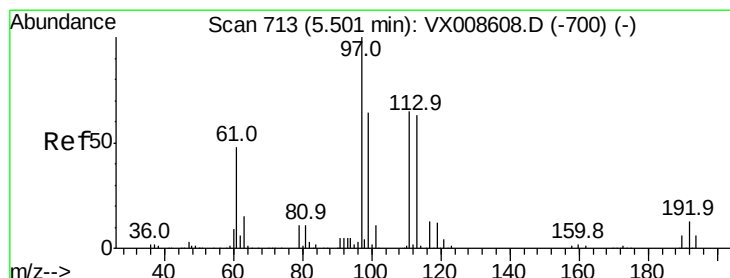
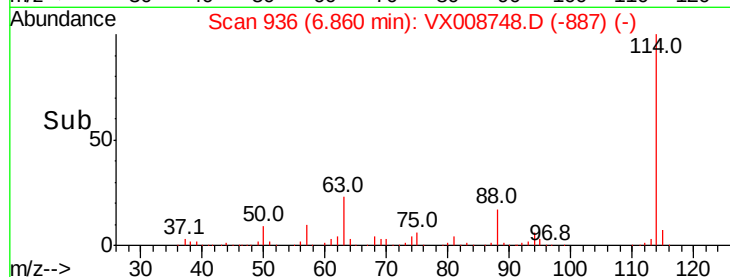
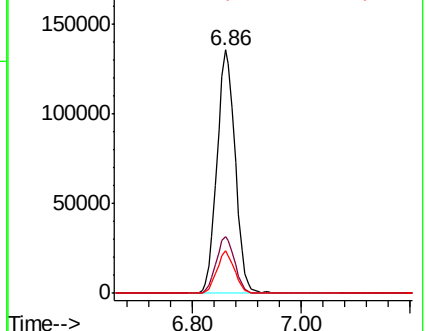
88 17.3 0.0 34.0



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: 46.715 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008748.D

Acq: 08 Apr 2019 16:24

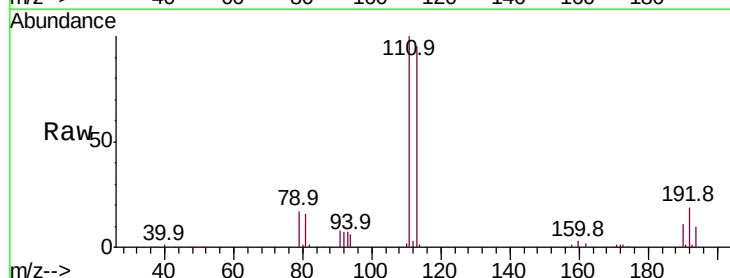
Tgt Ion:113 Resp: 94306

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

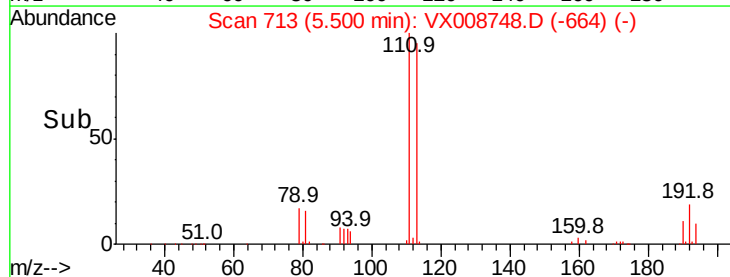
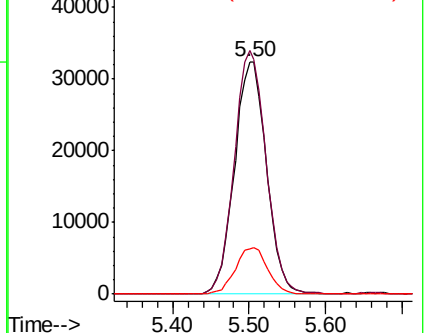
192 20.1 16.1 24.1

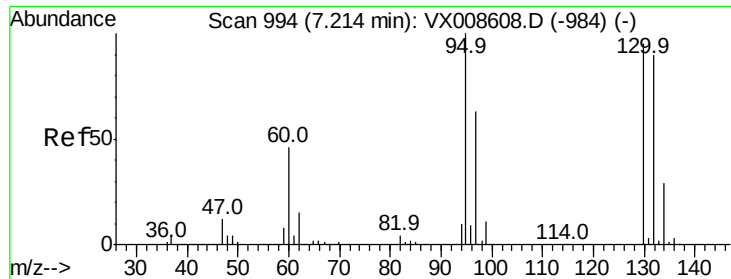


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 19.664 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008748.D

Acq: 08 Apr 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

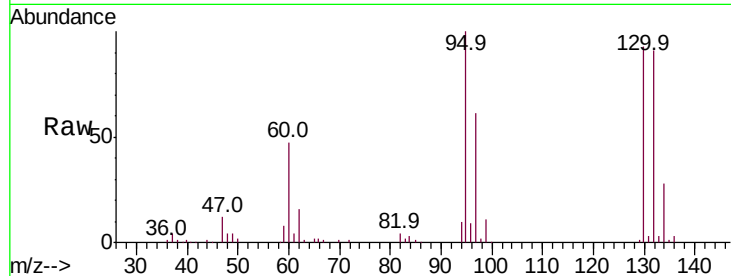
DUP-0505-190404

Tot Ion:130 Resp: 47092

Ion Ratio Lower Upper

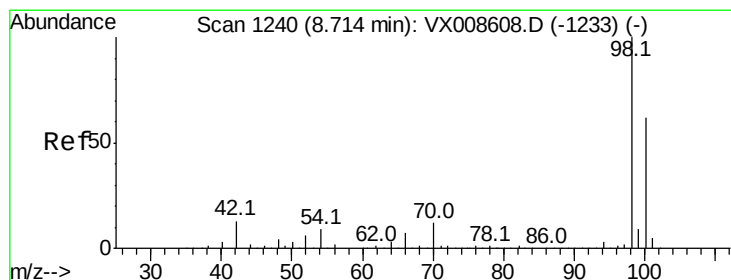
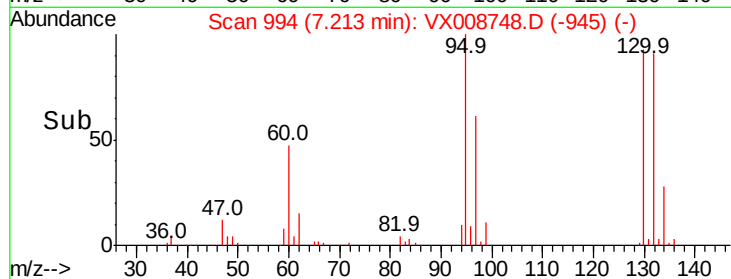
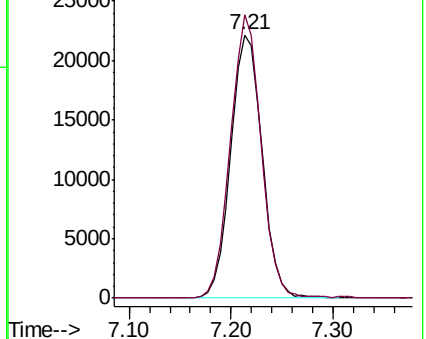
130 100

95 107.7 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: 48.353 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008748.D

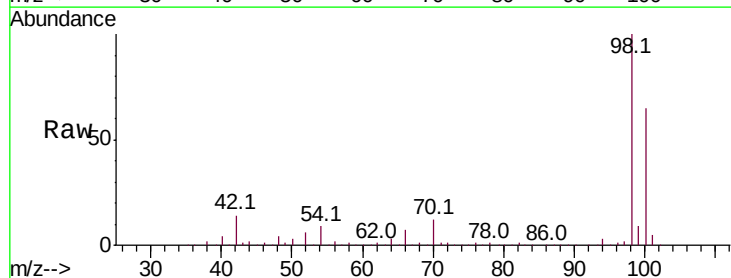
Acq: 08 Apr 2019 16:24

Tgt Ion: 98 Resp: 388674

Ion Ratio Lower Upper

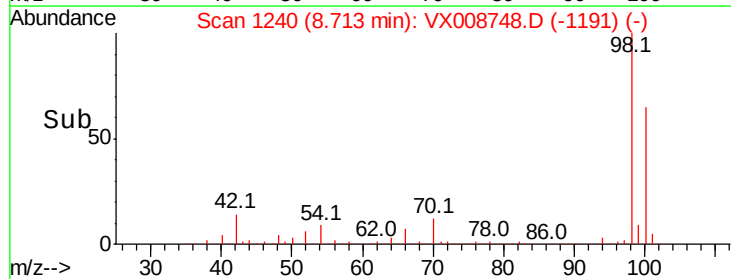
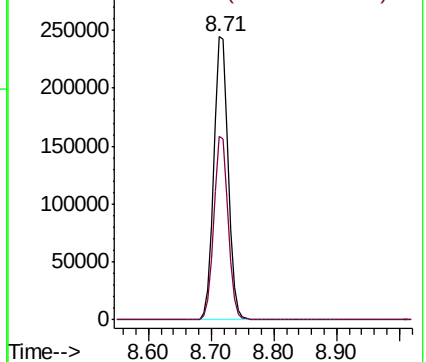
98 100

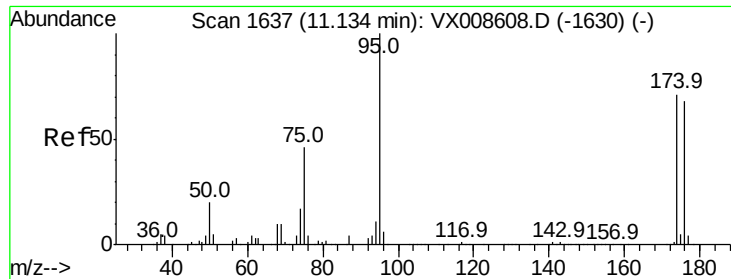
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.949 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008748.D

Acq: 08 Apr 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

DUP-0505-190404

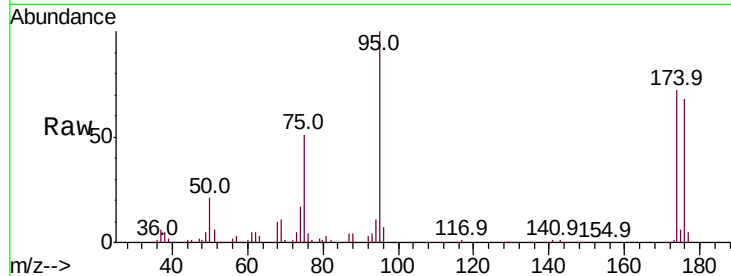
Tot Ion: 95 Resp: 128126

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

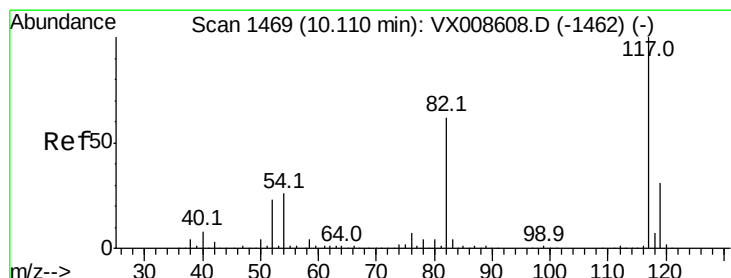
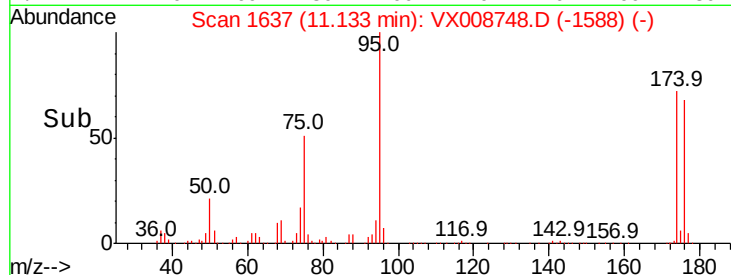
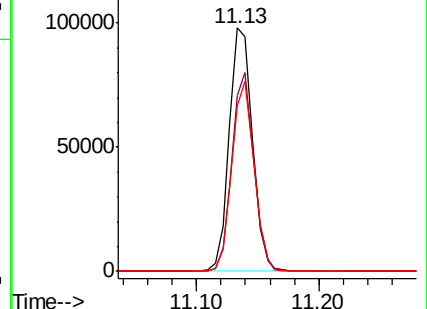
176 74.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008748.D

Acq: 08 Apr 2019 16:24

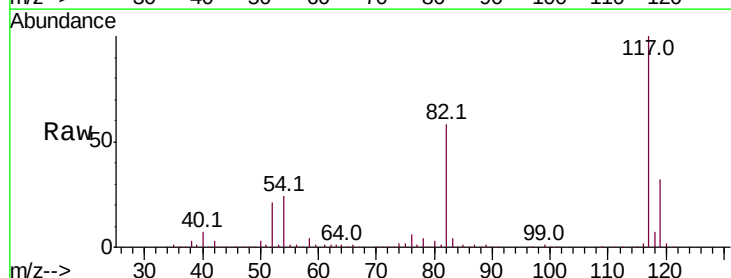
Tgt Ion: 117 Resp: 265150

Ion Ratio Lower Upper

117 100

82 58.1 49.6 74.4

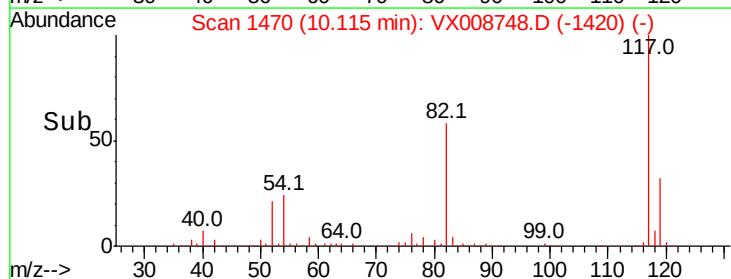
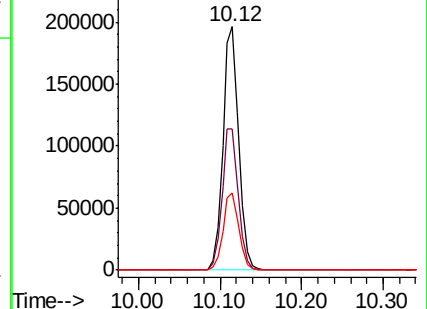
119 31.7 25.0 37.4

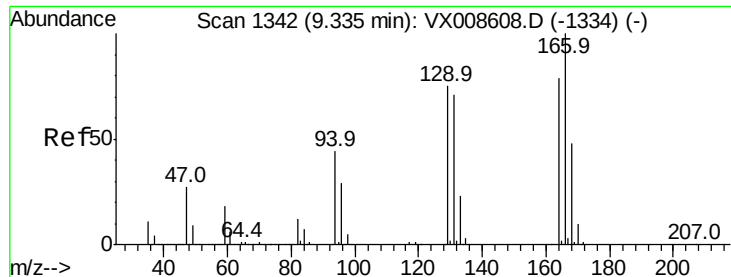


Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.D (-1462) (-)





#64

Tetrachloroethene

Concen: 1010.580 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VX008748.D

Acq: 08 Apr 2019 16:24

Instrument :

MSVOA_X

ClientSampleId :

DUP-0505-190404

Tot Ion:164 Resp: 1985269

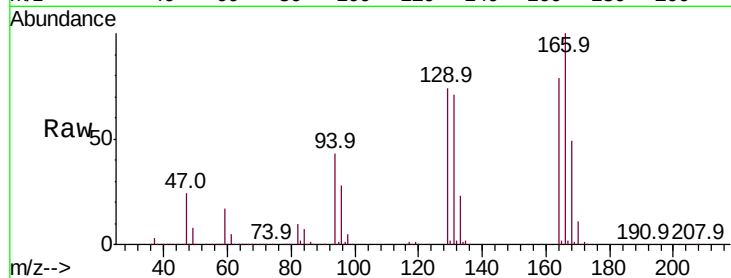
Ion Ratio Lower Upper

164 100

166 127.0 101.0 151.6

129 93.7 75.8 113.8

131 89.7 71.8 107.8



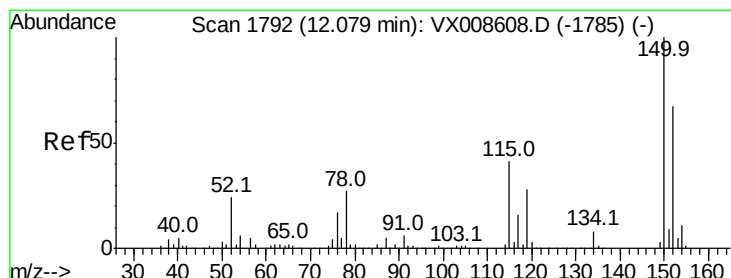
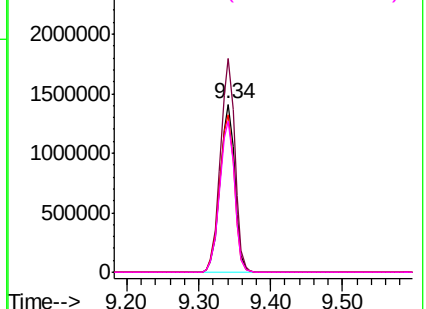
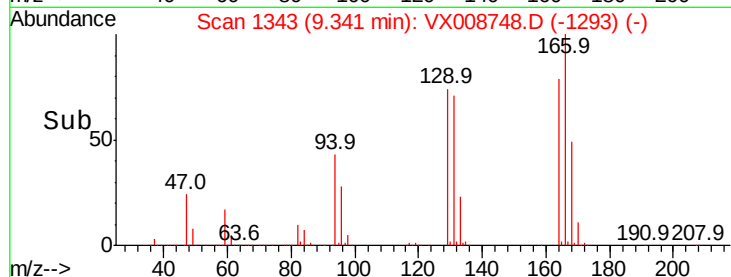
Abundance

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: VX008748.D

Acq: 08 Apr 2019 16:24

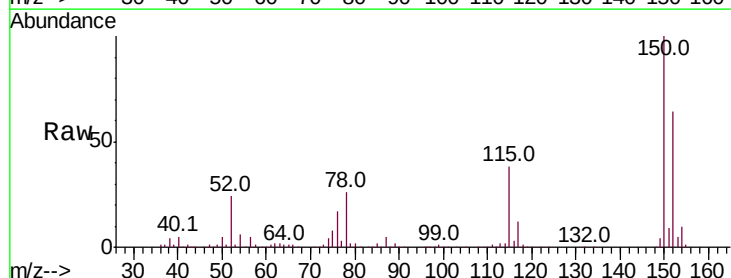
Tgt Ion:152 Resp: 111580

Ion Ratio Lower Upper

152 100

115 60.5 43.5 130.5

150 156.4 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

