

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006724.D
 Acq On : 21 Dec 2018 15:29
 Operator : JC/MD
 Sample : J6514-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0495DL

Quant Time: Dec 22 04:38:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

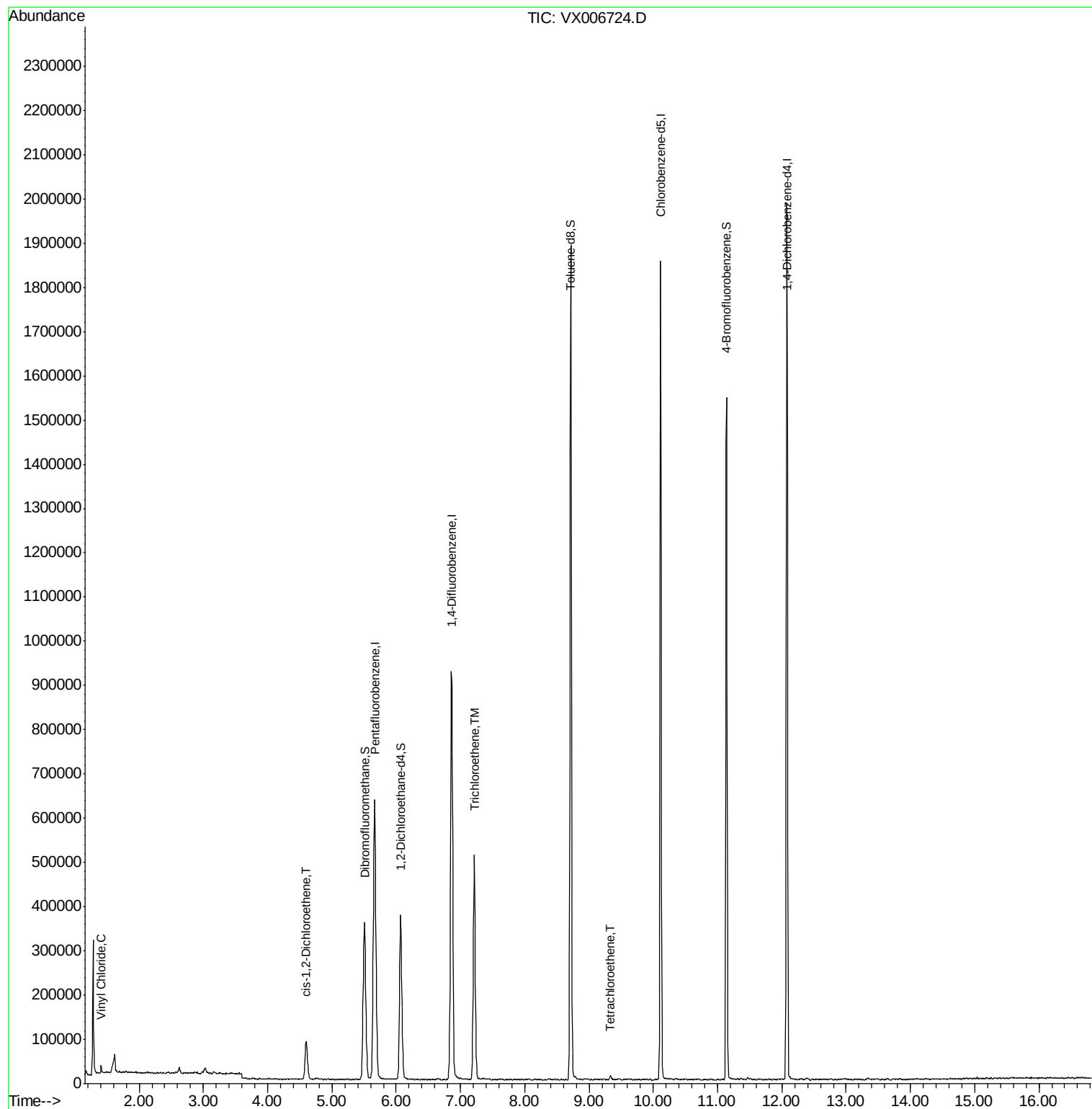
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	644470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	999686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	897765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	424024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	341714	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
35) Dibromofluoromethane	5.51	113	302455	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	8.71	98	1159644	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	413410	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
4) Vinyl Chloride	1.41	62	10686	1.611	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59484	8.450	ug/l	91
44) Trichloroethene	7.21	130	207402	27.227	ug/l	98
64) Tetrachloroethene	9.34	164	2016	0.284	ug/l #	72

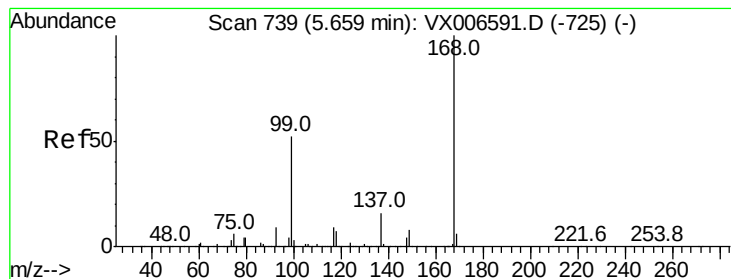
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006724.D

Acq: 21 Dec 2018 15:29

Instrument :

MSVOA_X

ClientSampleID :

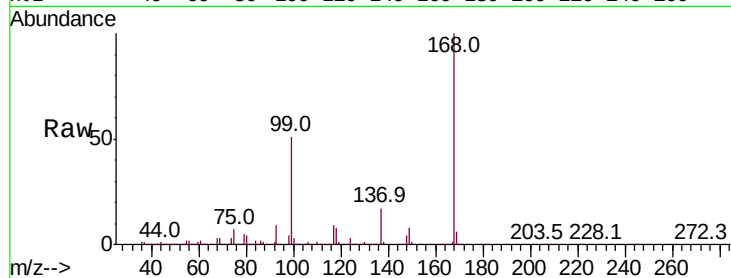
S49-0495DL

Tot Ion:168 Resp: 644470

Ion Ratio Lower Upper

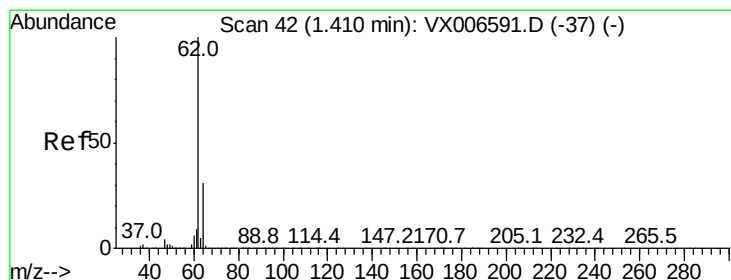
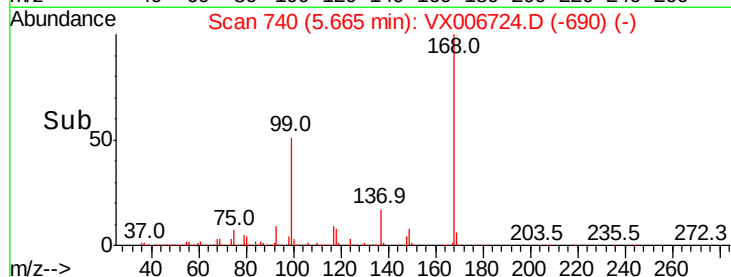
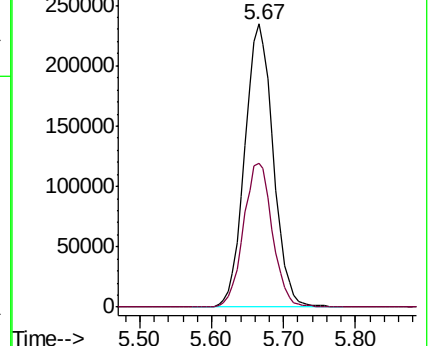
168 100

99 50.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.611 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006724.D

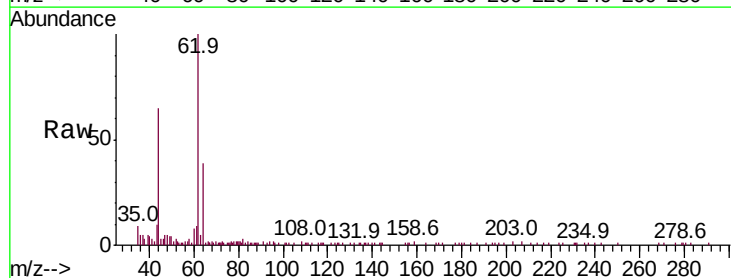
Acq: 21 Dec 2018 15:29

Tgt Ion: 62 Resp: 10686

Ion Ratio Lower Upper

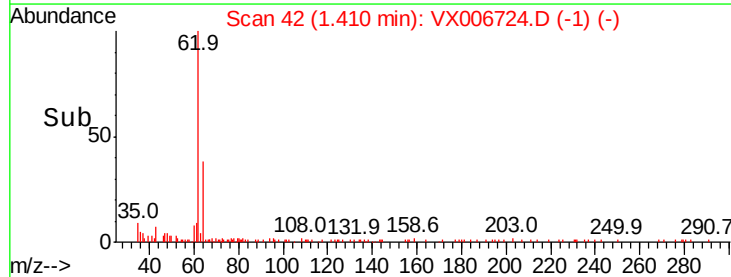
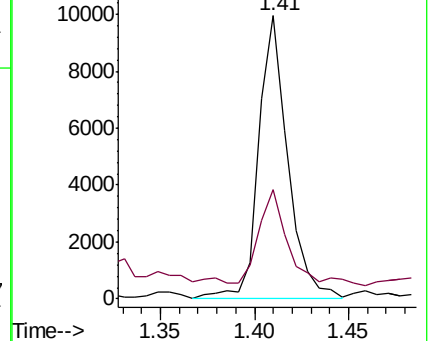
62 100

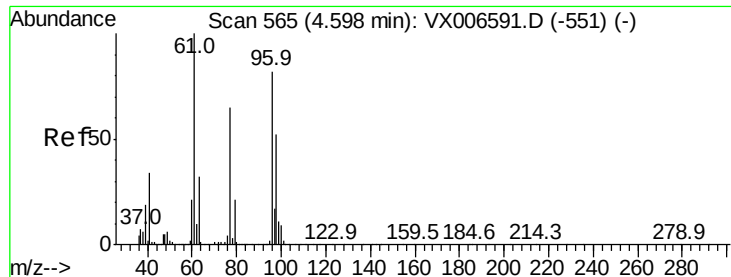
64 32.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



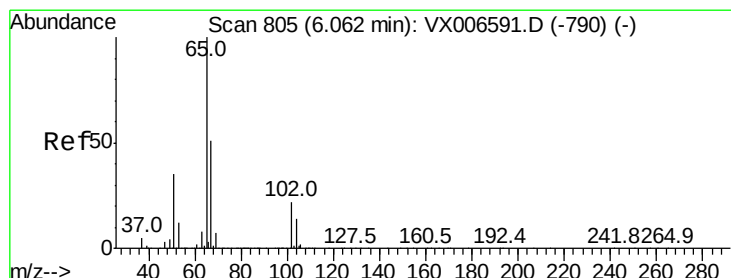
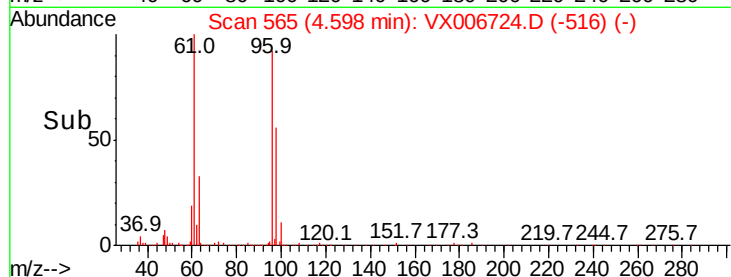
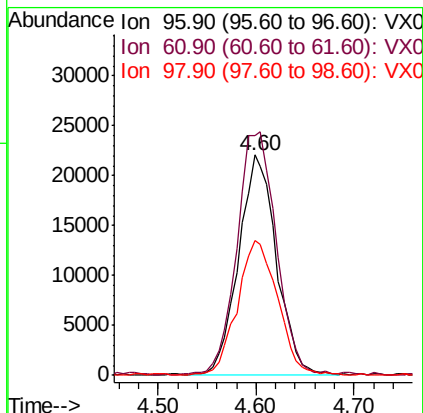
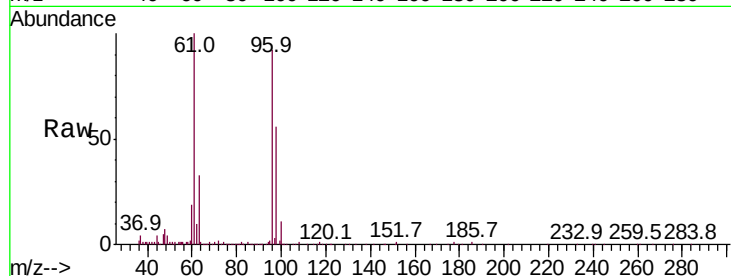


#27

cis-1,2-Dichloroethene
 Concen: 8.450 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006724.D
 Acq: 21 Dec 2018 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0495DL

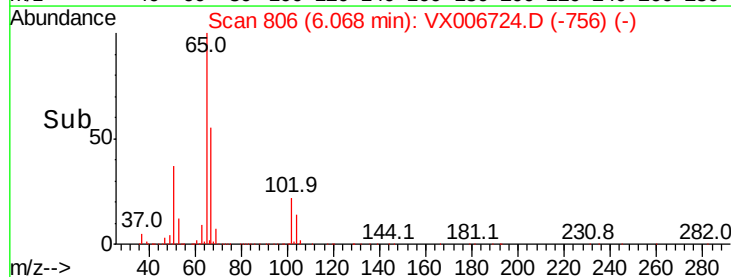
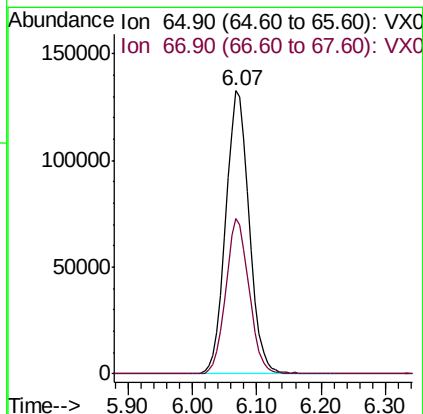
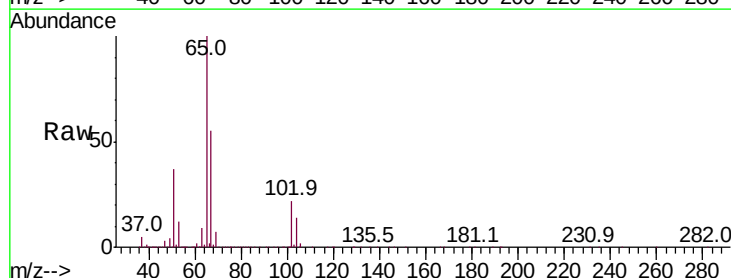
Tot Ion	96	Resp	59484
Ion	Ratio	Lower	Upper
96	100		
61	114.3	0.0	258.6
98	65.3	0.0	132.0

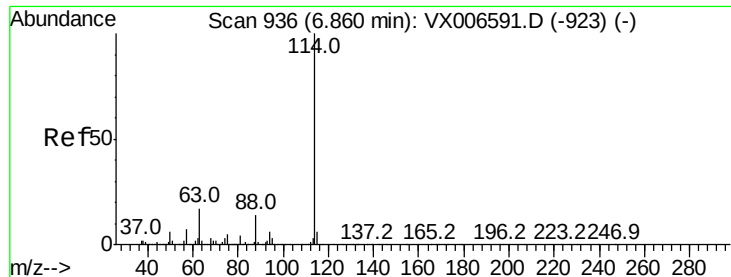


#33

1,2-Dichloroethane-d4
 Concen: 49.197 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006724.D
 Acq: 21 Dec 2018 15:29

Tgt Ion	65	Resp	341714
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006724.D

Acq: 21 Dec 2018 15:29

Instrument :

MSVOA_X

ClientSampled :

S49-0495DL

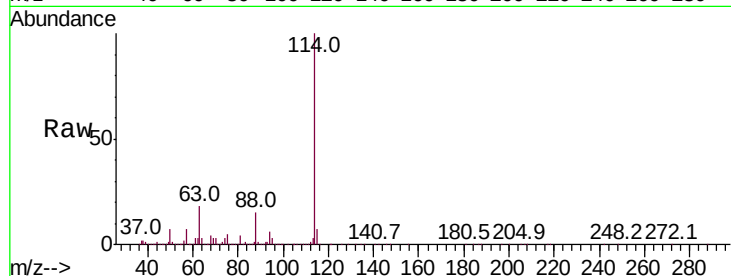
Tot Ion:114 Resp: 999686

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

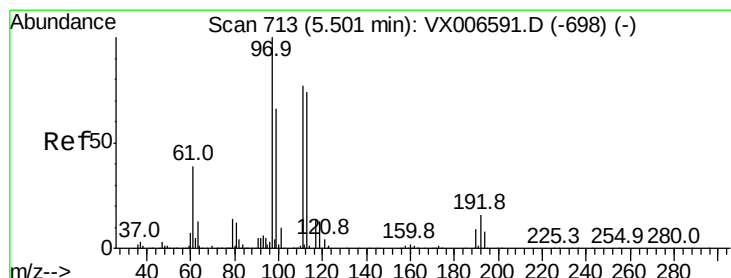
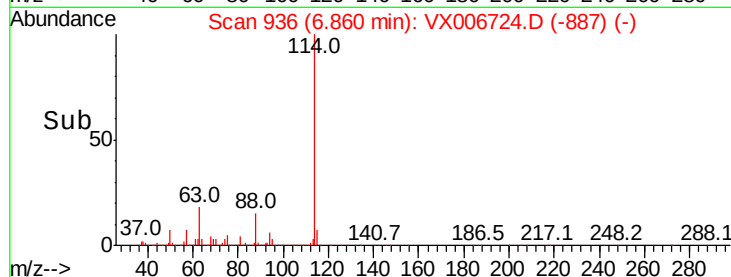
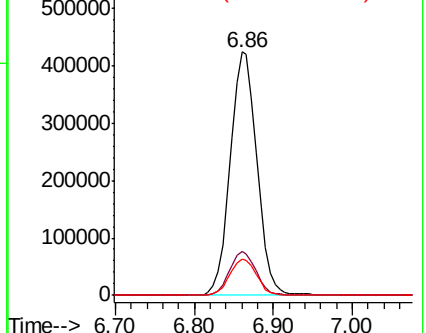
88 14.8 0.0 28.8



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: 47.843 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006724.D

Acq: 21 Dec 2018 15:29

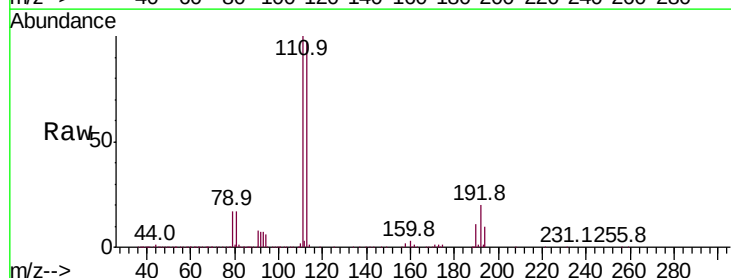
Tgt Ion:113 Resp: 302455

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

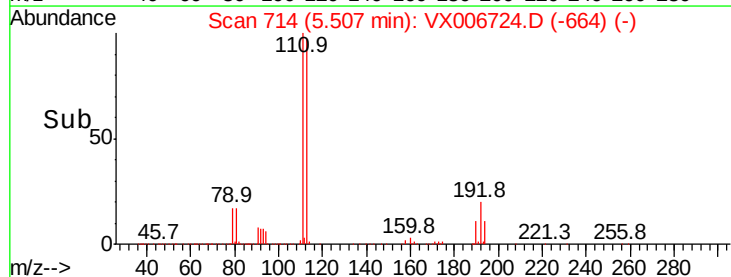
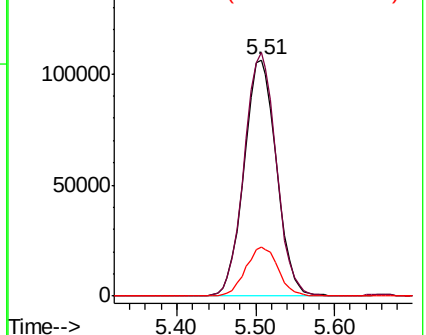
192 21.1 16.7 25.1

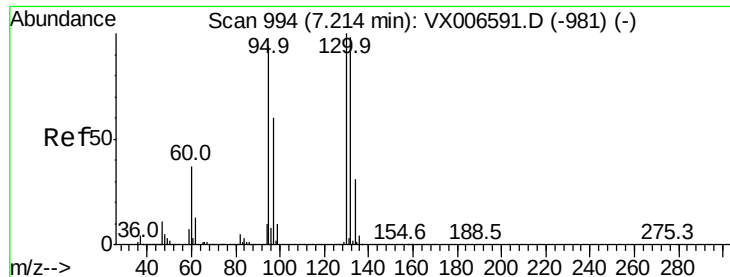


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 27.227 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006724.D

Acq: 21 Dec 2018 15:29

Instrument :

MSVOA_X

ClientSampled :

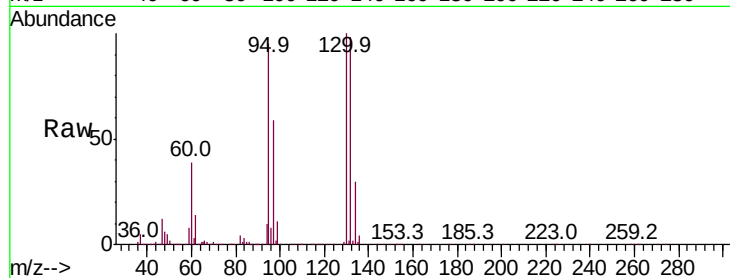
S49-0495DL

Tot Ion:130 Resp: 207402

Ion Ratio Lower Upper

130 100

95 95.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

100000

80000

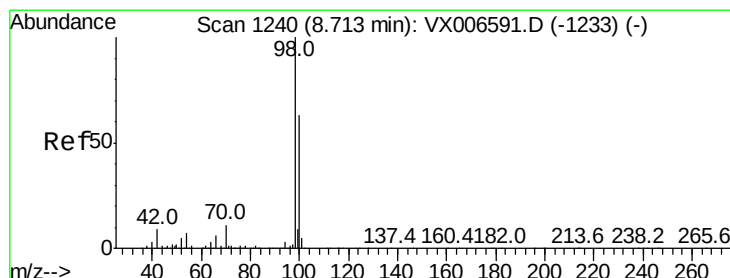
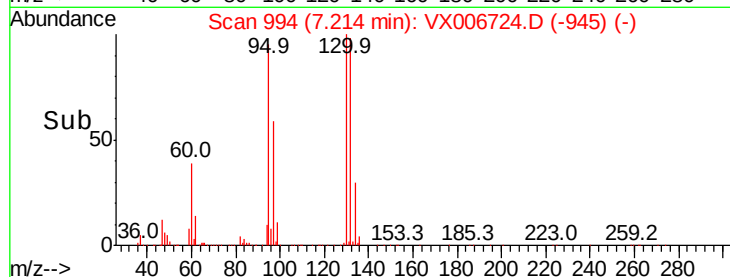
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 48.656 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006724.D

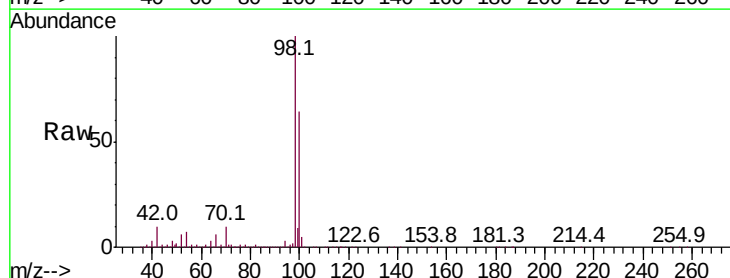
Acq: 21 Dec 2018 15:29

Tgt Ion: 98 Resp: 1159644

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

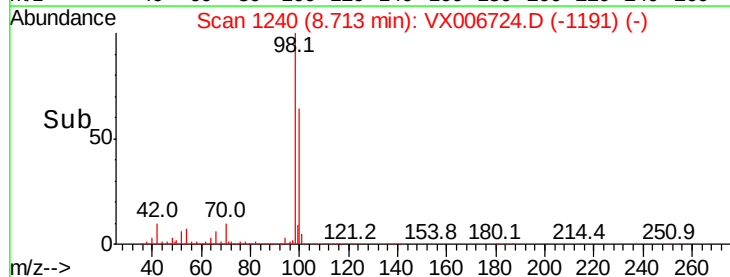
600000

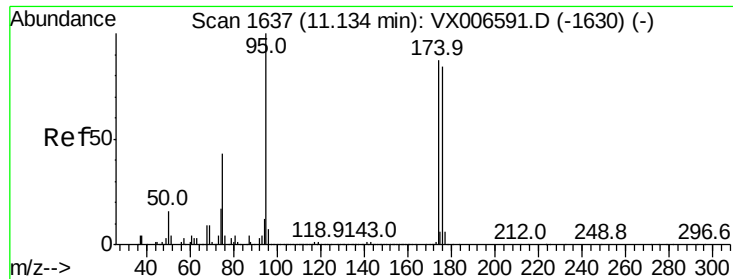
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.361 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006724.D

Acq: 21 Dec 2018 15:29

Instrument :

MSVOA_X

ClientSampleId :

S49-0495DL

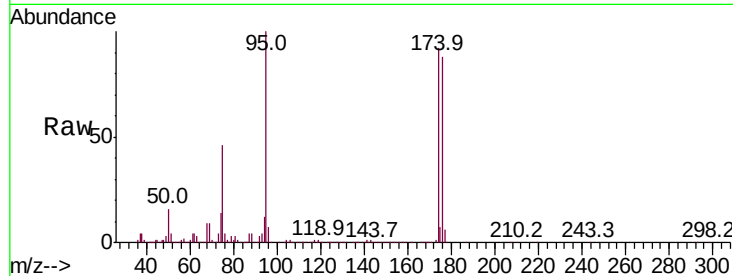
Tot Ion: 95 Resp: 413410

Ion Ratio Lower Upper

95 100

174 87.5 0.0 182.2

176 85.4 0.0 178.8

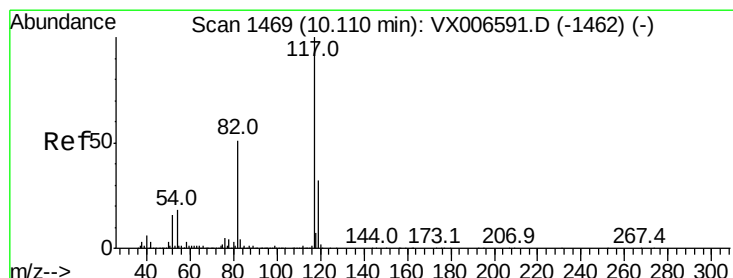
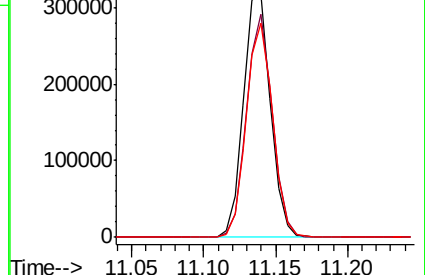
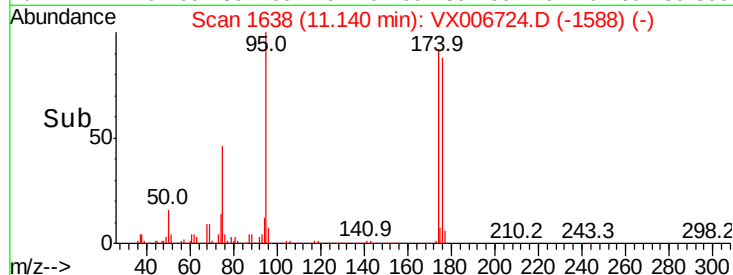


Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)

11.14



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006724.D

Acq: 21 Dec 2018 15:29

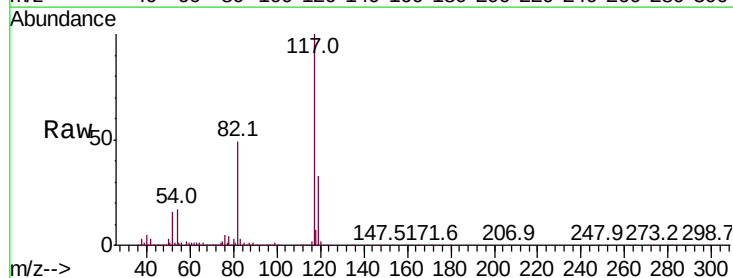
Tgt Ion: 117 Resp: 897765

Ion Ratio Lower Upper

117 100

82 49.2 41.0 61.6

119 32.5 25.4 38.0

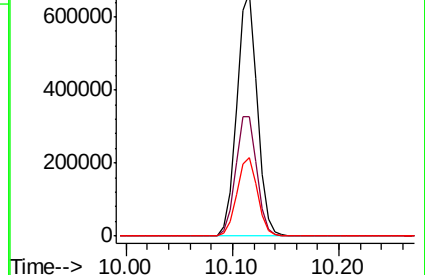
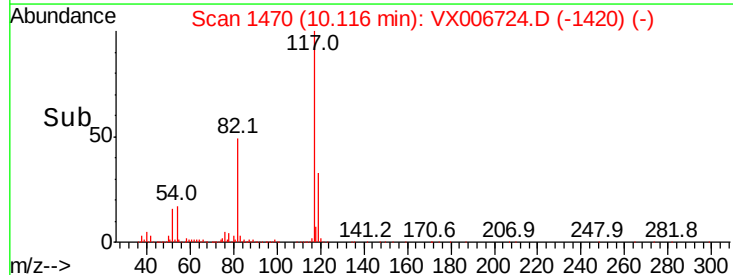


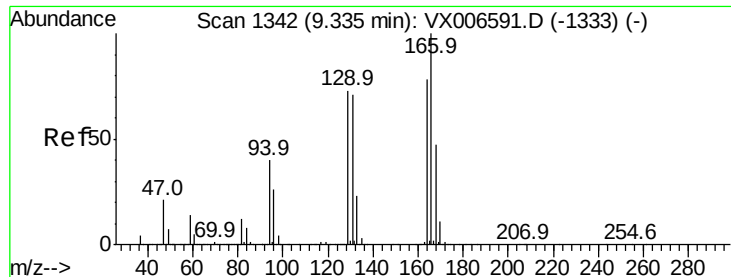
Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)

10.12





#64

Tetrachloroethene

Concen: 0.284 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006724.D

Acq: 21 Dec 2018 15:29

Instrument :

MSVOA_X

ClientSampleId :

S49-0495DL

Tot Ion:164 Resp: 2016

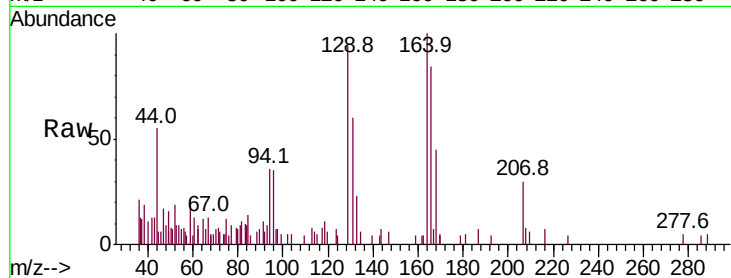
Ion Ratio Lower Upper

164 100

166 80.3 102.5 153.7#

129 94.5 75.1 112.7

131 55.5 72.7 109.1#

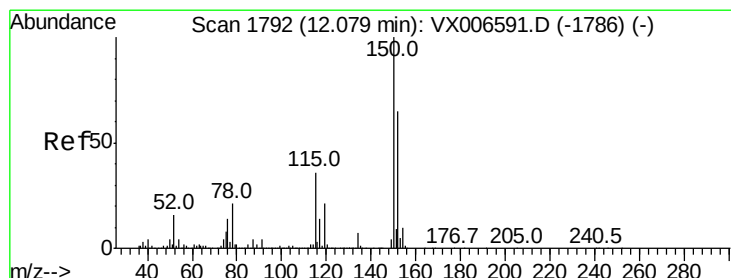
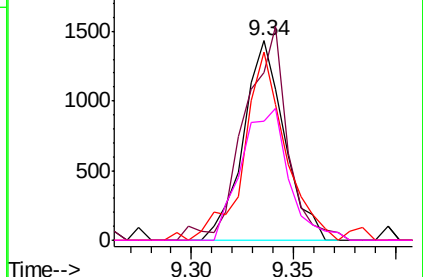
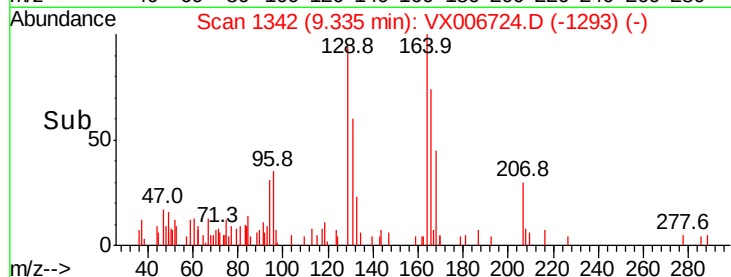


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX006724.D

Acq: 21 Dec 2018 15:29

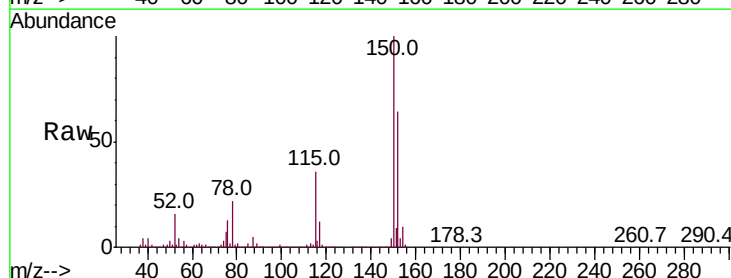
Tgt Ion:152 Resp: 424024

Ion Ratio Lower Upper

152 100

115 56.4 39.1 117.2

150 157.4 0.0 344.8



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

