

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006284.D
 Acq On : 04 Dec 2018 17:48
 Operator : JC/MD
 Sample : J6232-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0644DL

Quant Time: Dec 05 01:12:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

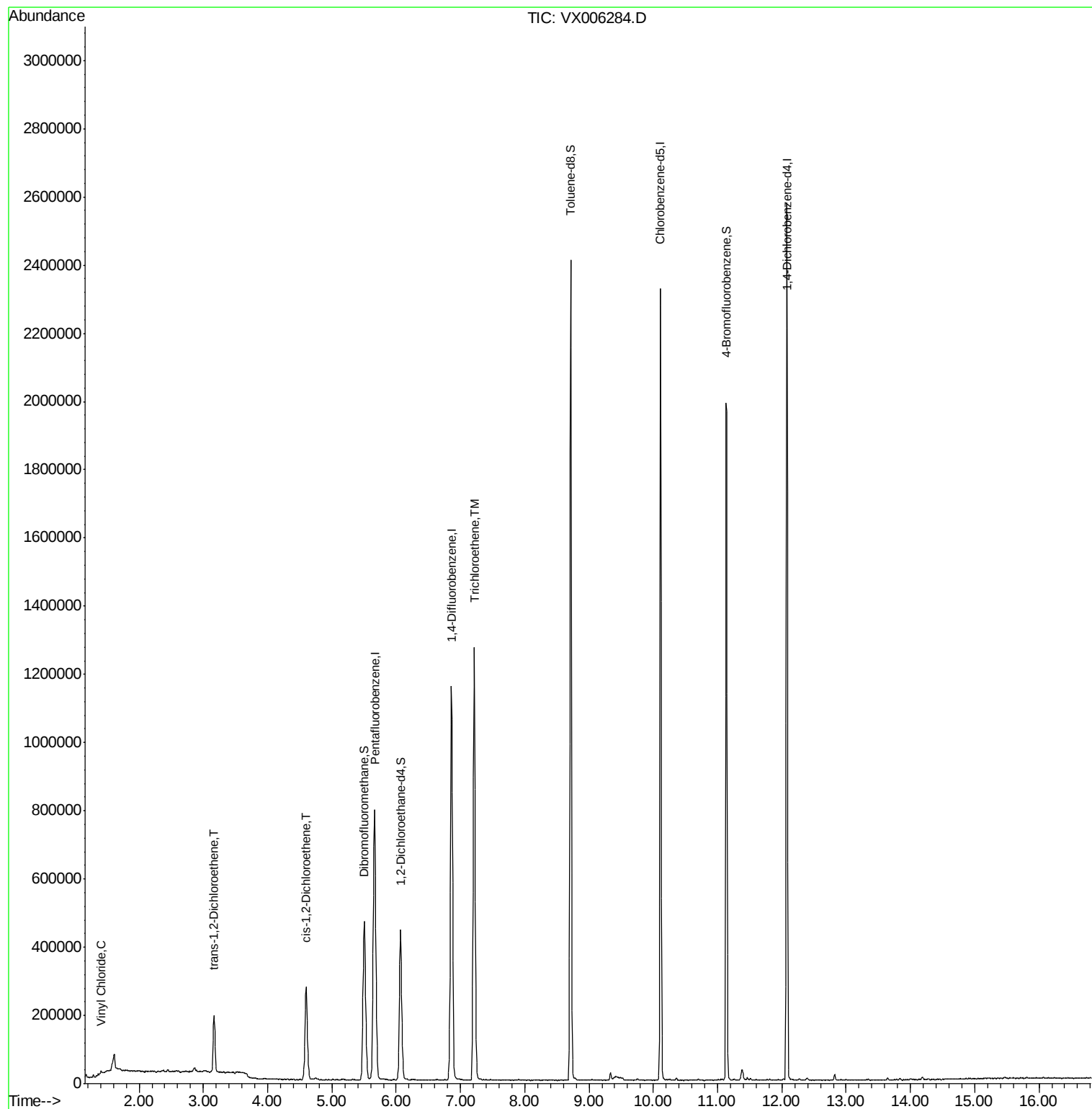
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	834614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1247062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1144653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	565310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	407134	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
35) Dibromofluoromethane	5.50	113	396909	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	1469411	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	539779	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
Target Compounds						
4) Vinyl Chloride	1.41	62	5389	0.596	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	69514	8.637	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	187426	20.878	ug/l	88
44) Trichloroethene	7.21	130	517692	54.331	ug/l	97

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006284.D

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Instrument :

MSVOA_X

ClientSampleId :

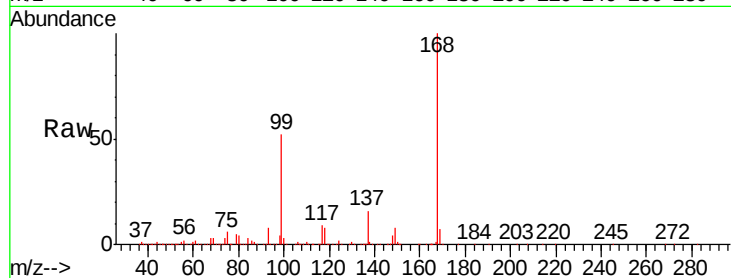
S32-0644DL

Tgt Ion:168 Resp: 834614

Ion Ratio Lower Upper

168 100

99 51.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

300000

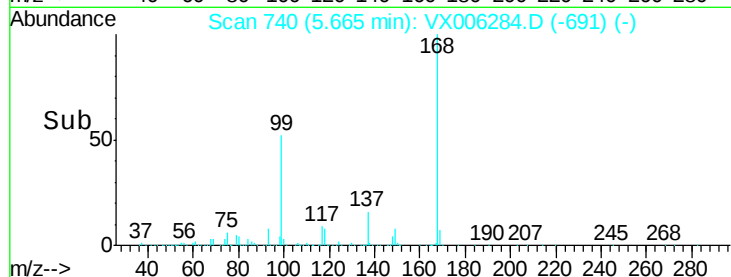
200000

100000

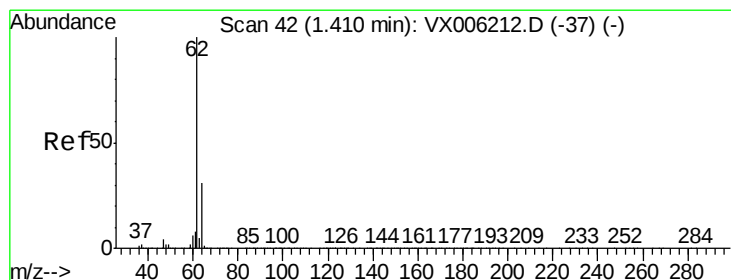
0

5.67

5.50 5.60 5.70 5.80



Time-->



#4

Vinyl Chloride

Concen: 0.596 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006284.D

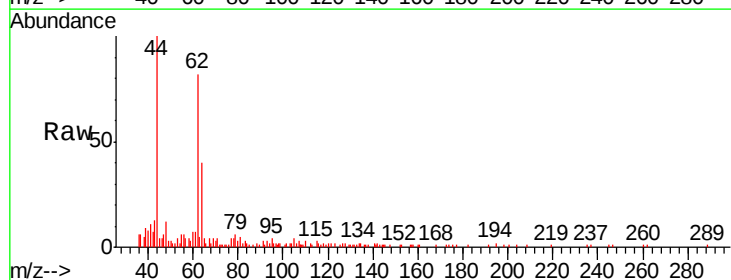
Acq: 04 Dec 2018 17:48

Tgt Ion: 62 Resp: 5389

Ion Ratio Lower Upper

62 100

64 33.7 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

6000

5000

4000

3000

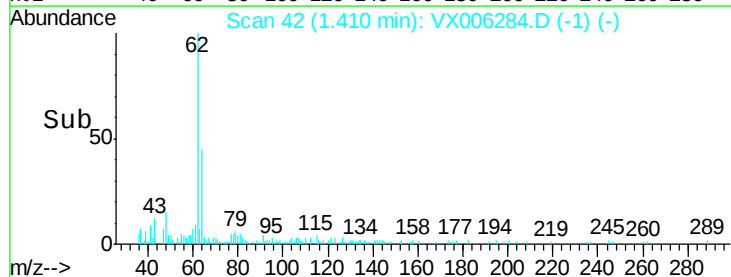
2000

1000

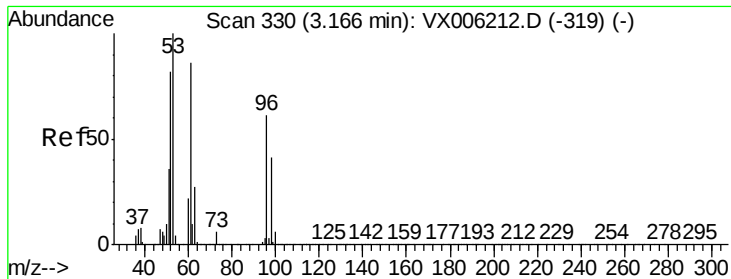
0

1.41

1.40 1.45



Time-->



#21

trans-1,2-Dichloroethene

Concen: 8.637 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006284.D

Acq: 04 Dec 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

S32-0644DL

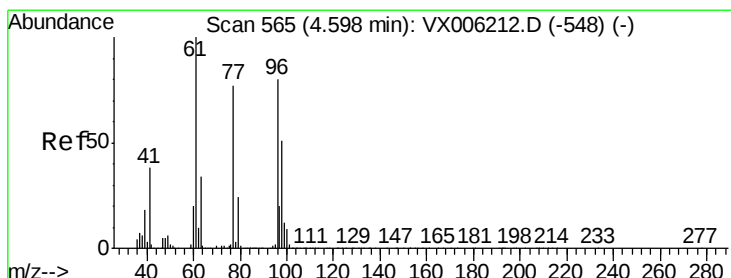
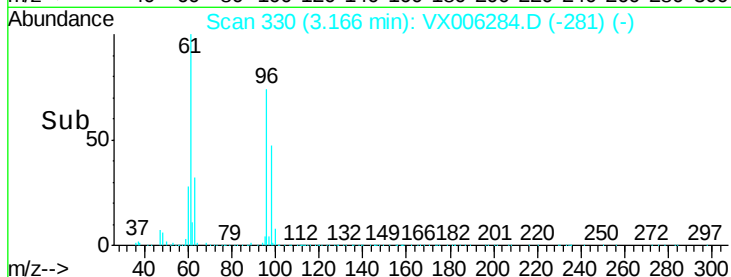
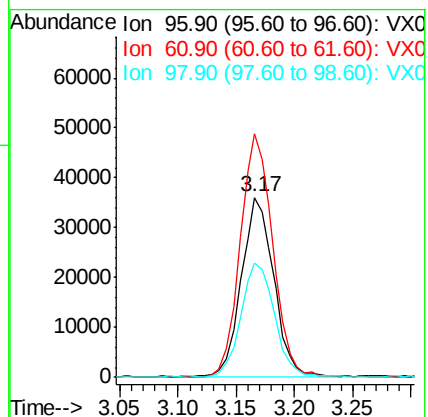
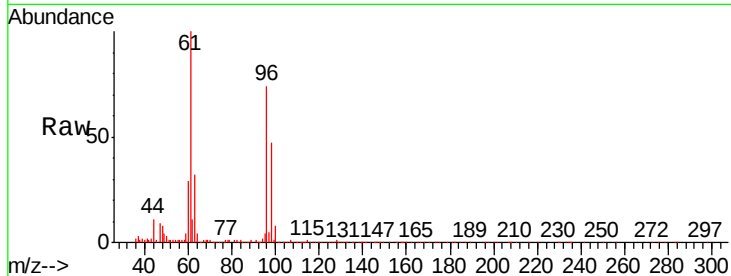
Tgt Ion: 96 Resp: 69514

Ion Ratio Lower Upper

96 100

61 135.5 113.3 169.9

98 63.1 53.2 79.8



#27

cis-1,2-Dichloroethene

Concen: 20.878 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006284.D

Acq: 04 Dec 2018 17:48

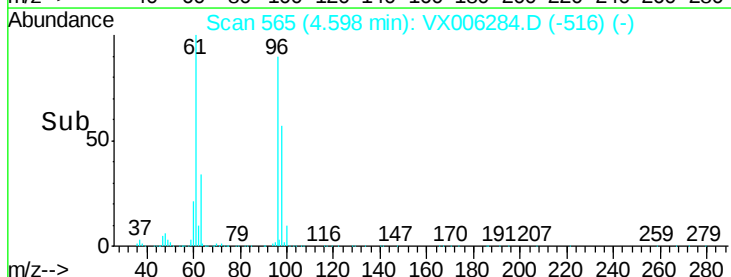
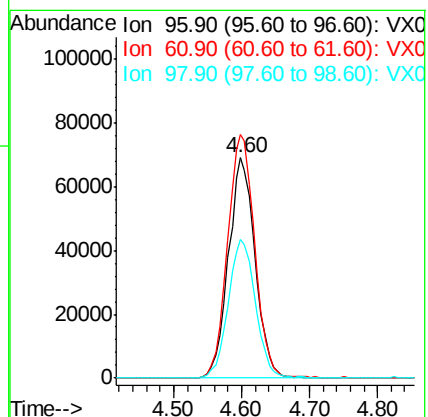
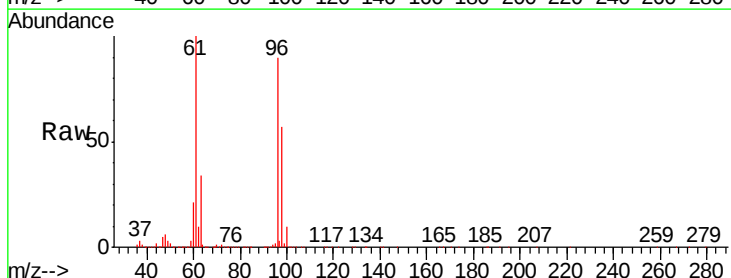
Tgt Ion: 96 Resp: 187426

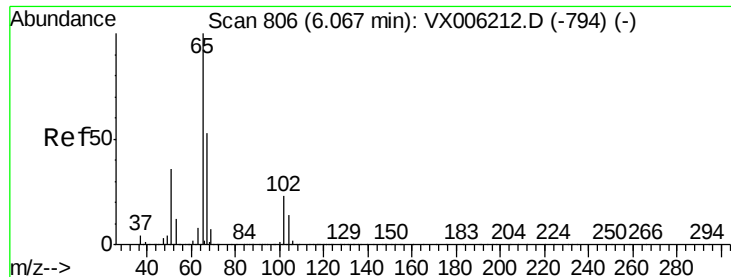
Ion Ratio Lower Upper

96 100

61 112.6 0.0 265.0

98 64.0 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 47.785 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006284.D

Acq: 04 Dec 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

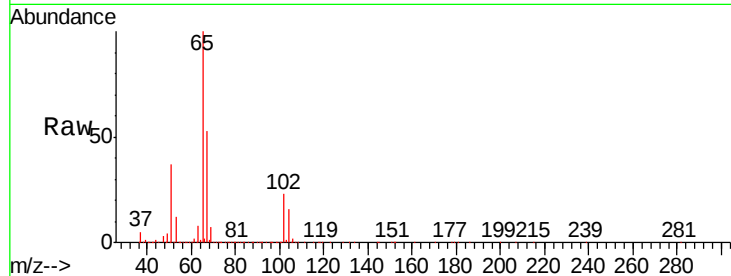
S32-0644DL

Tgt Ion: 65 Resp: 407134

Ion Ratio Lower Upper

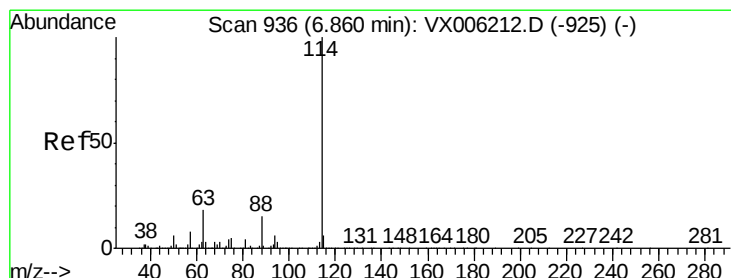
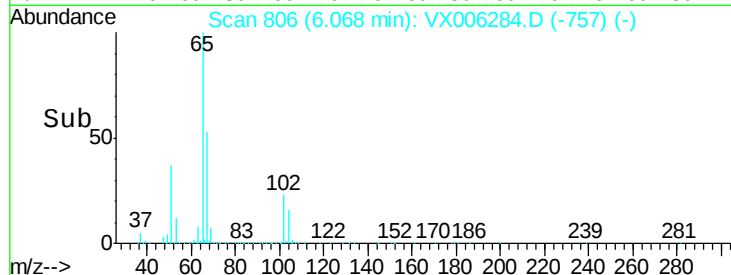
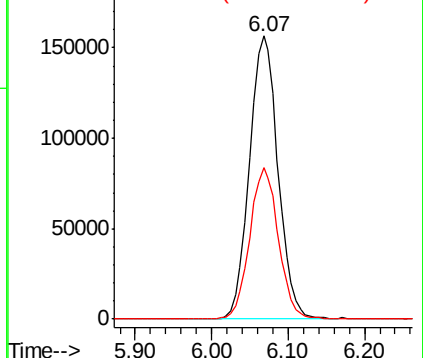
65 100

67 53.6 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: VX006284.D

Acq: 04 Dec 2018 17:48

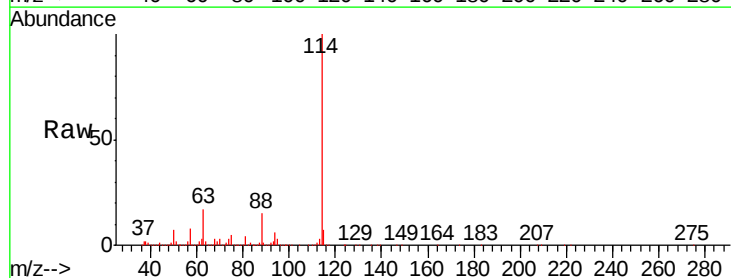
Tgt Ion: 114 Resp: 1247062

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

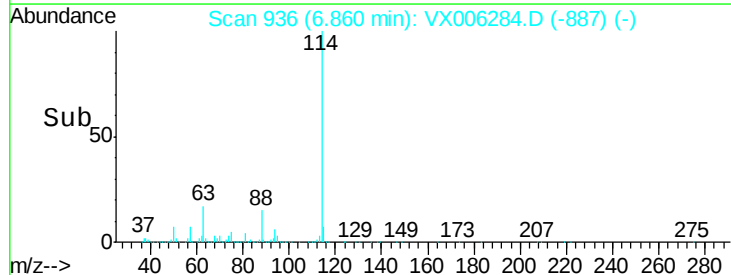
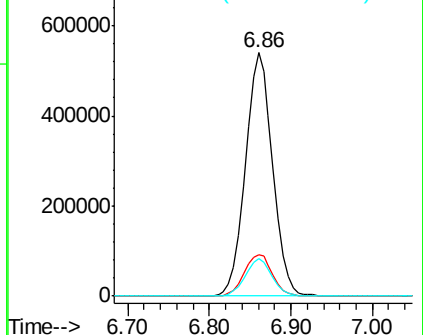
88 15.2 0.0 29.0

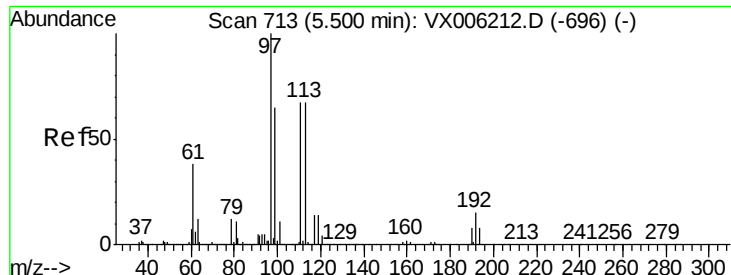


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.157 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006284.D

Acq: 04 Dec 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0644DL

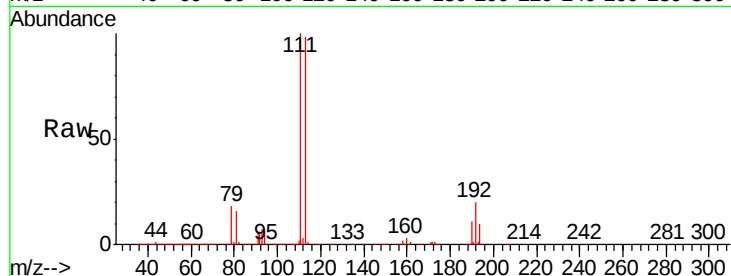
Tgt Ion:113 Resp: 396909

Ion Ratio Lower Upper

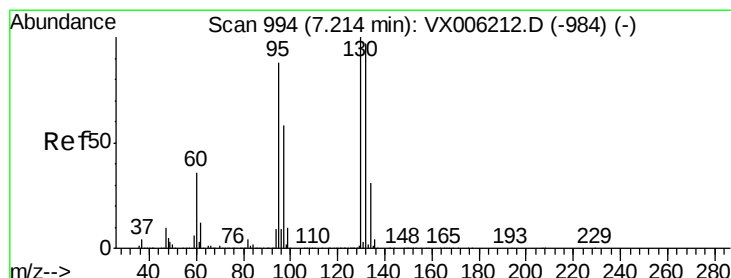
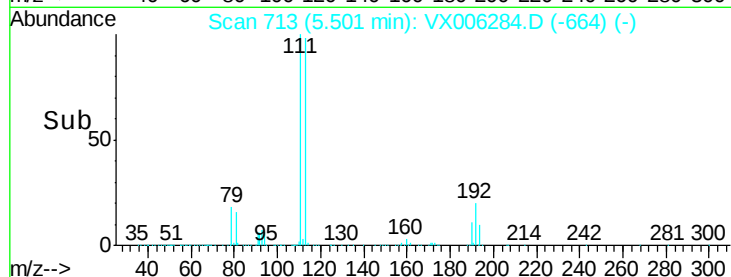
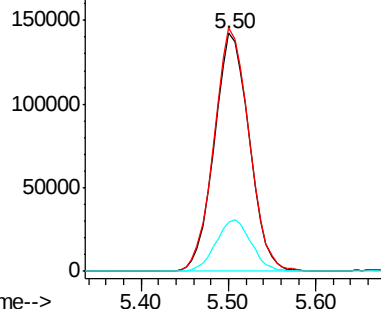
113 100

111 102.2 81.1 121.7

192 22.0 18.2 27.2



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: 54.331 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006284.D

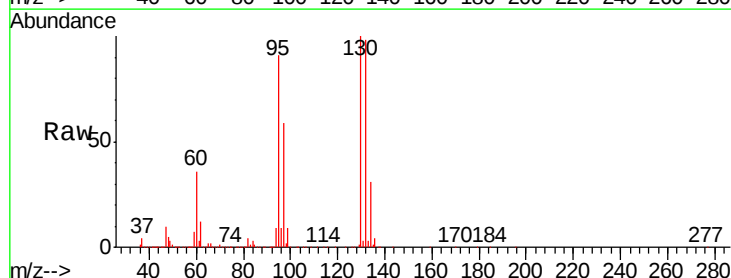
Acq: 04 Dec 2018 17:48

Tgt Ion:130 Resp: 517692

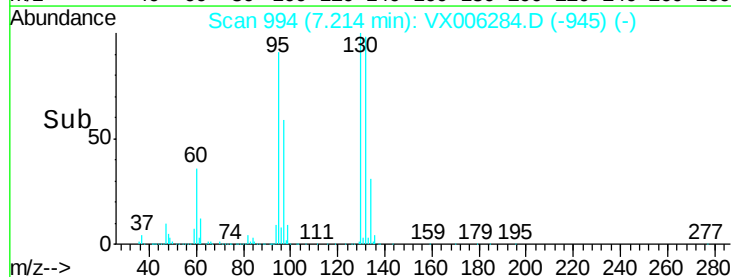
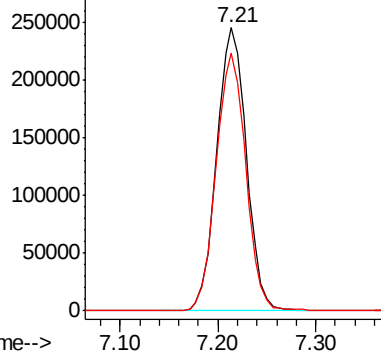
Ion Ratio Lower Upper

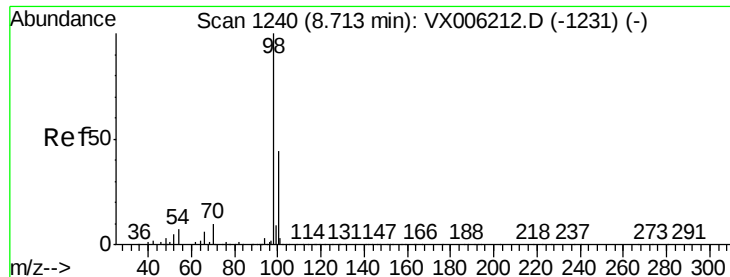
130 100

95 91.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.032 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006284.D

Acq: 04 Dec 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

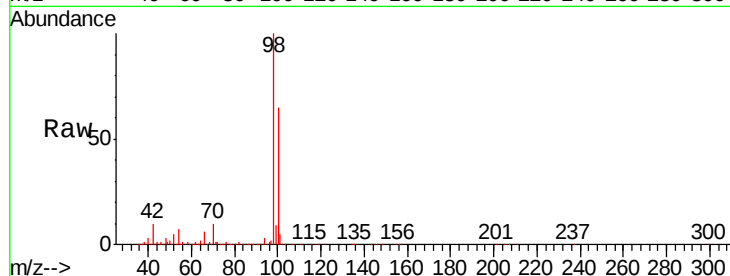
S32-0644DL

Tgt Ion: 98 Resp: 1469411

Ion Ratio Lower Upper

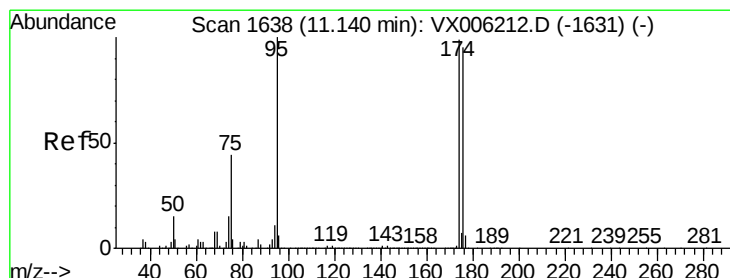
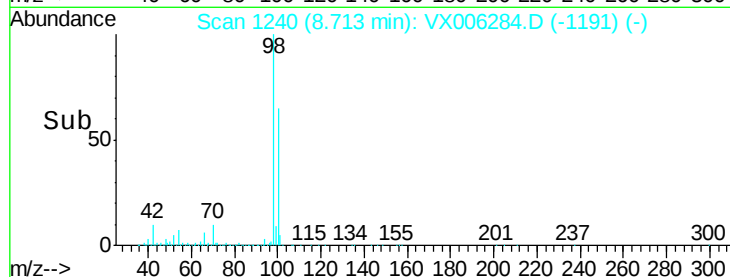
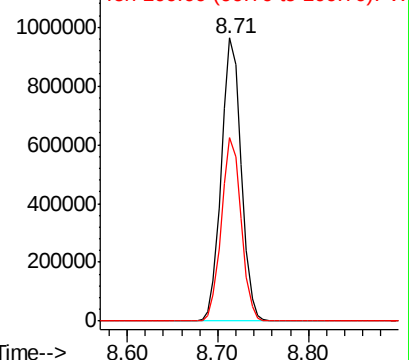
98 100

100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.773 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006284.D

Acq: 04 Dec 2018 17:48

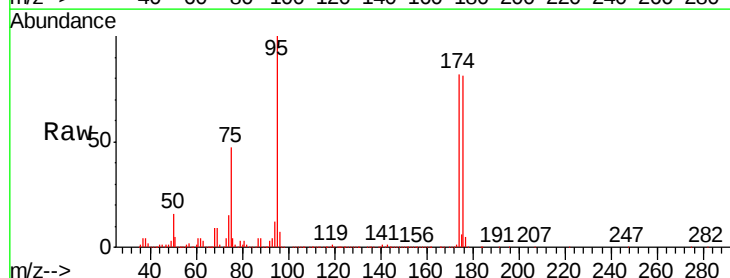
Tgt Ion: 95 Resp: 539779

Ion Ratio Lower Upper

95 100

174 89.8 0.0 187.0

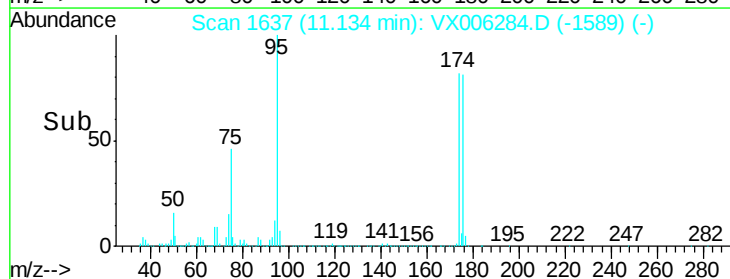
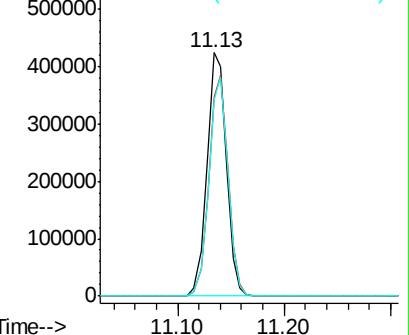
176 88.7 0.0 181.8

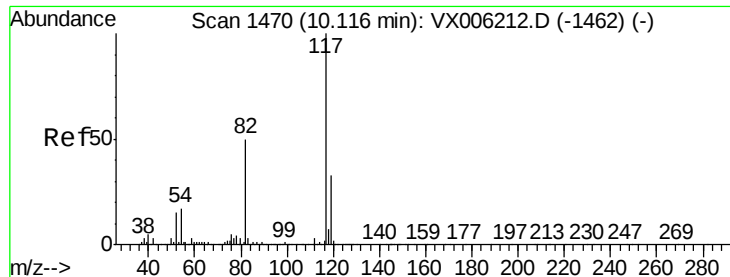


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006284.D

Acq: 04 Dec 2018 17:48

Instrument :

MSVOA_X

ClientSampled :

S32-0644DL

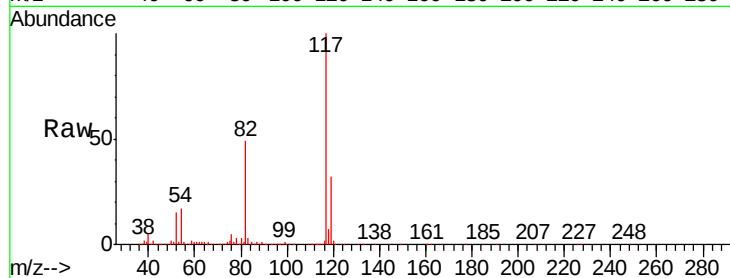
Tgt Ion:117 Resp: 1144653

Ion Ratio Lower Upper

117 100

82 49.4 39.6 59.4

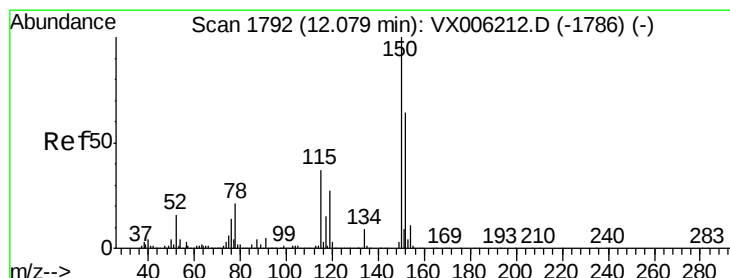
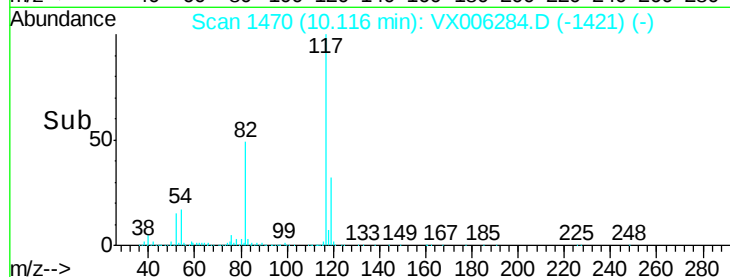
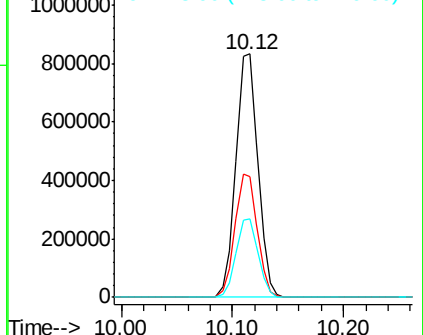
119 32.4 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): 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: VX006284.D

Acq: 04 Dec 2018 17:48

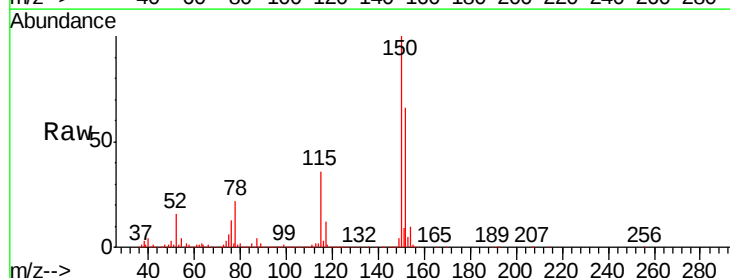
Tgt Ion:152 Resp: 565310

Ion Ratio Lower Upper

152 100

115 55.8 39.0 116.9

150 154.7 0.0 345.8



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

