

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004704.D
 Acq On : 19 Sep 2018 14:32
 Operator : JC/MD
 Sample : J4939-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Sep 20 13:01:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183733	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	138878	45.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.00%	
35) Dibromofluoromethane	5.50	113	135441	41.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.46%	
50) Toluene-d8	8.71	98	489131	44.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.80%	
62) 4-Bromofluorobenzene	11.14	95	173148	44.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.08%	

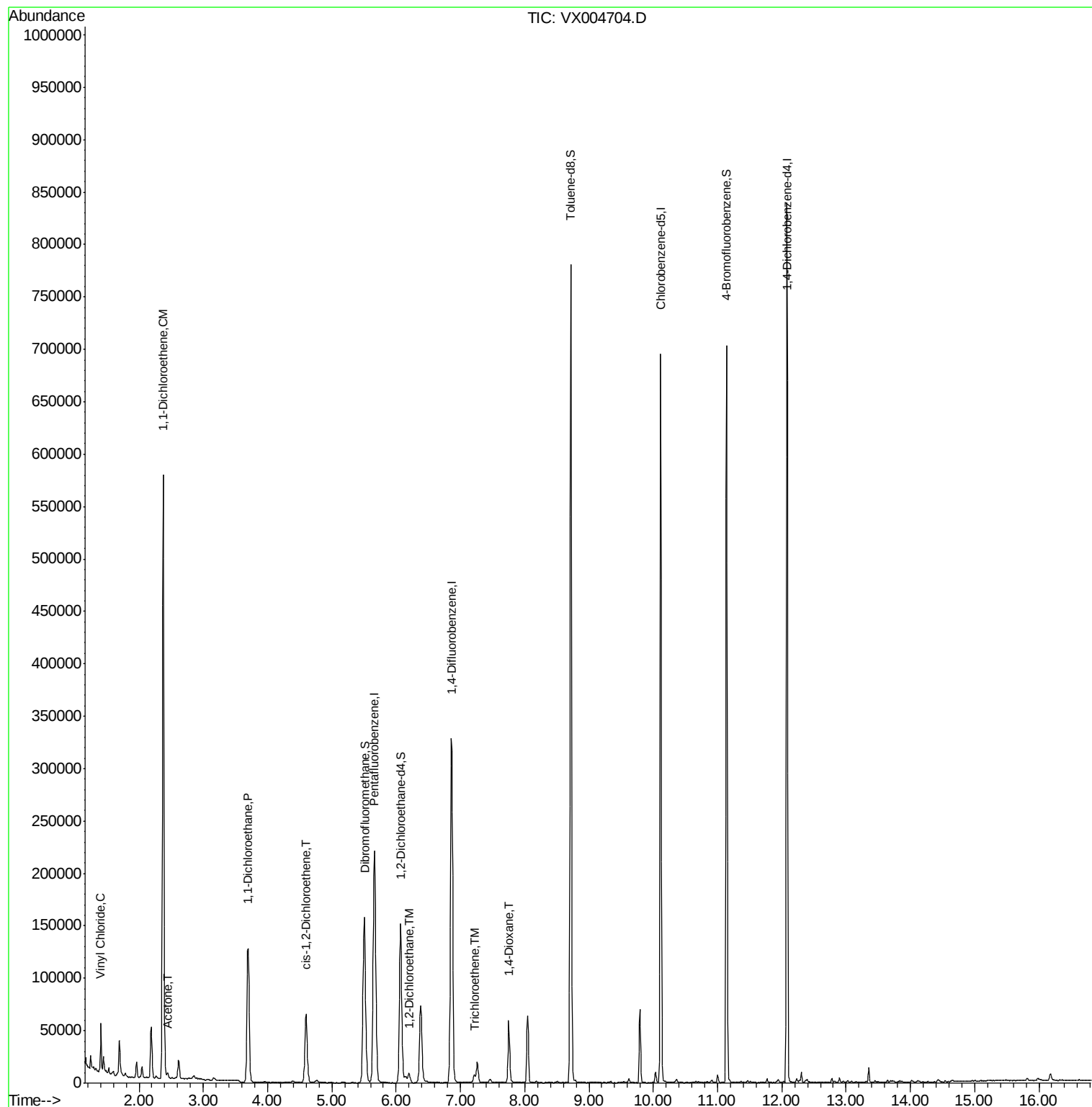
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	29400	9.38	ug/l	100
12) 1,1-Dichloroethene	2.37	96	195397	79.00	ug/l	96
16) Acetone	2.45	43	4392	2.95	ug/l #	86
24) 1,1-Dichloroethane	3.69	63	156502	30.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	41190	13.50	ug/l	92
42) 1,2-Dichloroethane	6.20	62	9071	2.12	ug/l	100
44) Trichloroethene	7.22	130	3200	0.95	ug/l	98
49) 1,4-Dioxane	7.76	88	43361	562.34	ug/l #	96

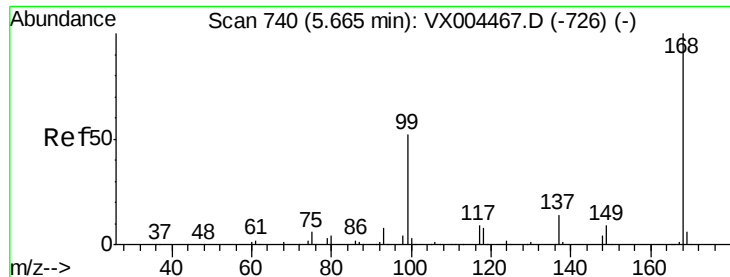
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
MW-2

Quant Time: Sep 20 13:01:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

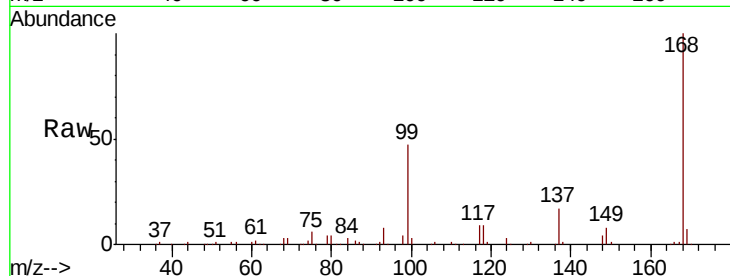
MW-2

Tot Ion:168 Resp: 236720

Ion Ratio Lower Upper

168 100

99 46.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

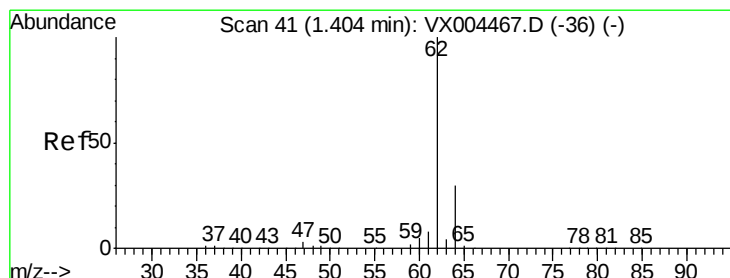
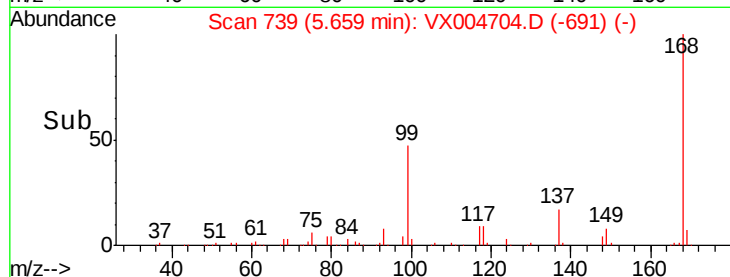
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 9.38 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004704.D

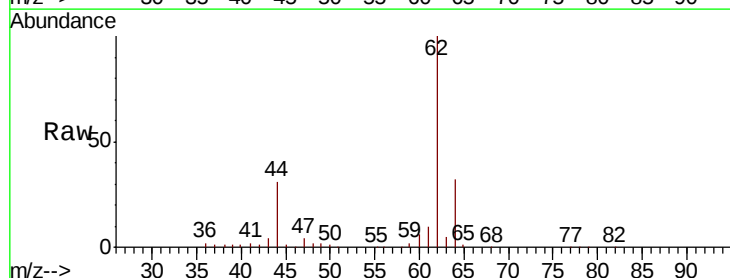
Acq: 19 Sep 2018 14:32

Tgt Ion: 62 Resp: 29400

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

30000

25000

20000

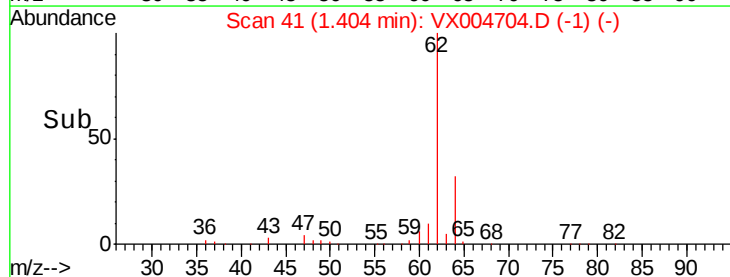
15000

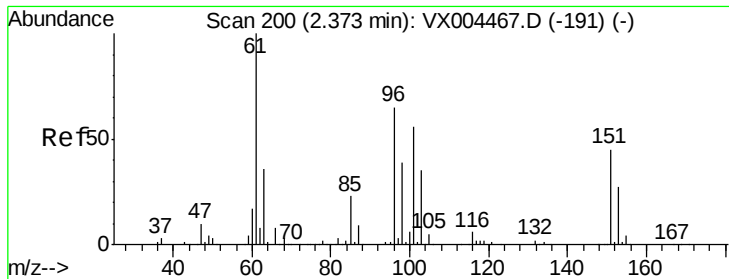
10000

5000

0

Time--> 1.35 1.40 1.45 1.50





#12

1,1-Dichloroethene

Concen: 79.00 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampled :

MW-2

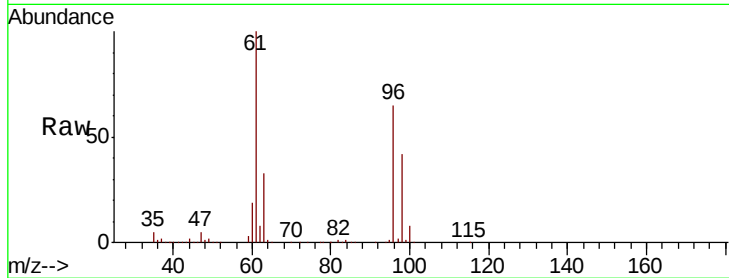
Tot Ion: 96 Resp: 195397

Ion Ratio Lower Upper

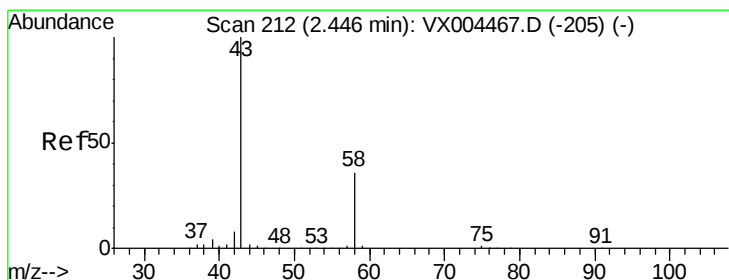
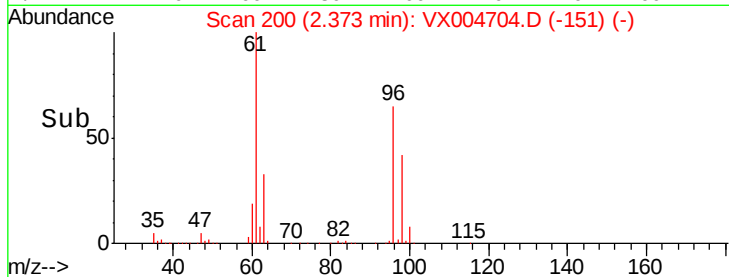
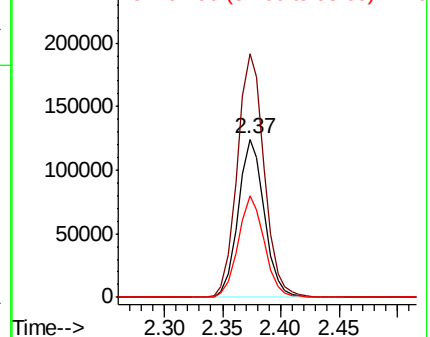
96 100

61 154.1 128.8 193.2

98 64.4 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



#16

Acetone

Concen: 2.95 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004704.D

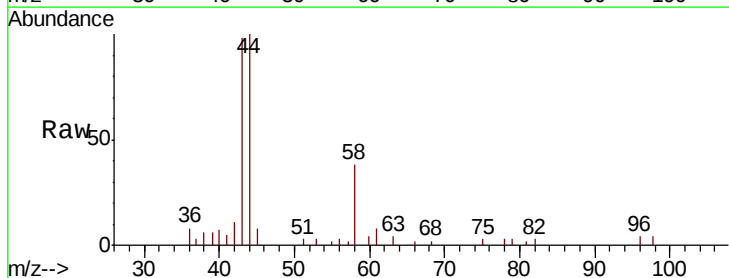
Acq: 19 Sep 2018 14:32

Tgt Ion: 43 Resp: 4392

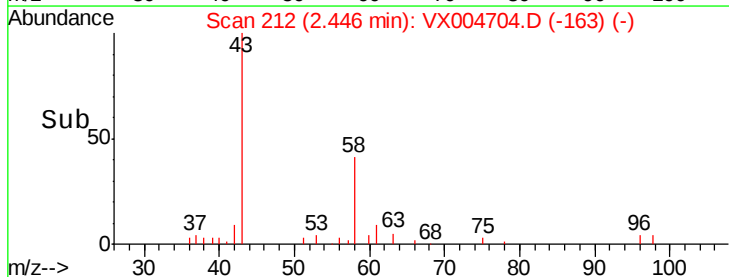
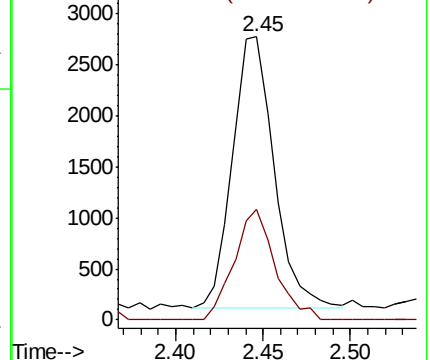
Ion Ratio Lower Upper

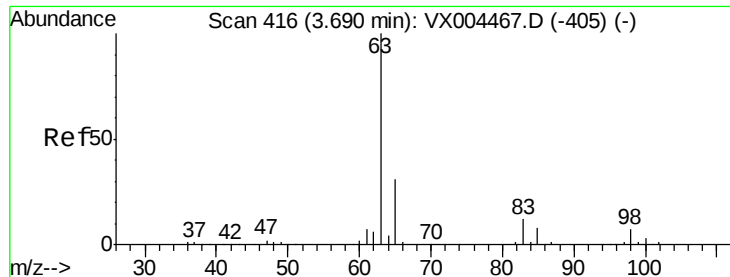
43 100

58 40.6 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 30.27 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2

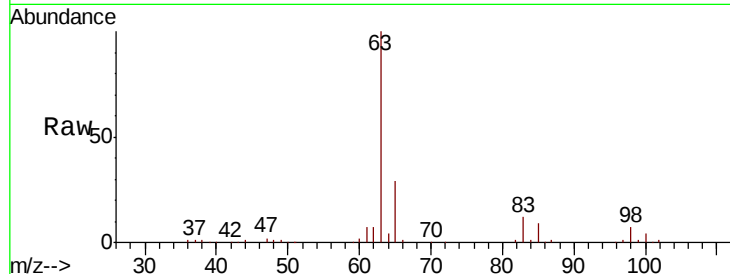
Tot Ion: 63 Resp: 156502

Ion Ratio Lower Upper

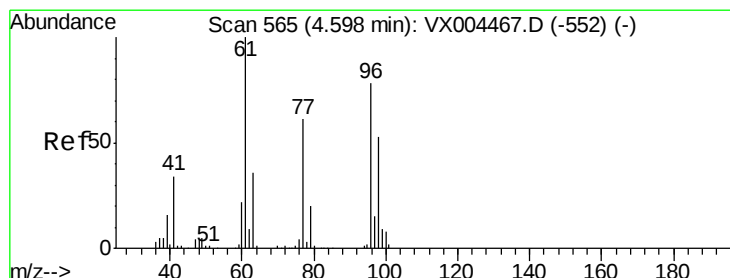
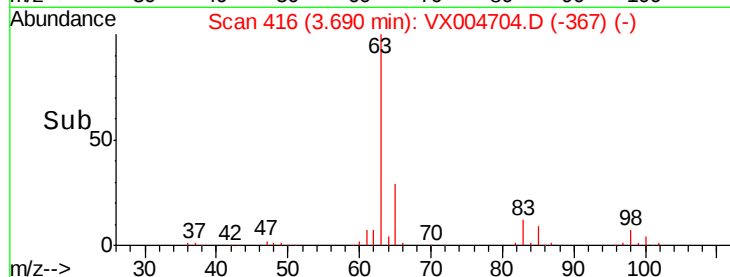
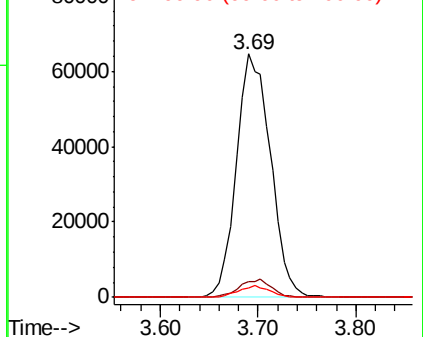
63 100

98 6.6 3.5 10.4

100 3.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 13.50 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

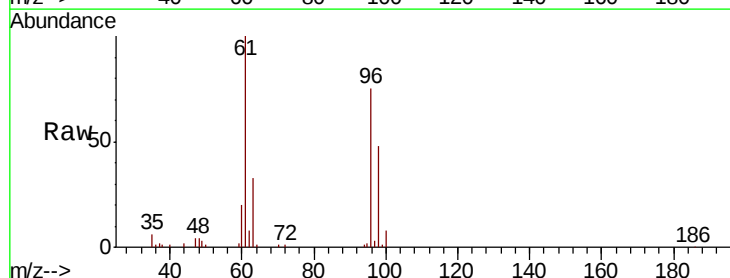
Tgt Ion: 96 Resp: 41190

Ion Ratio Lower Upper

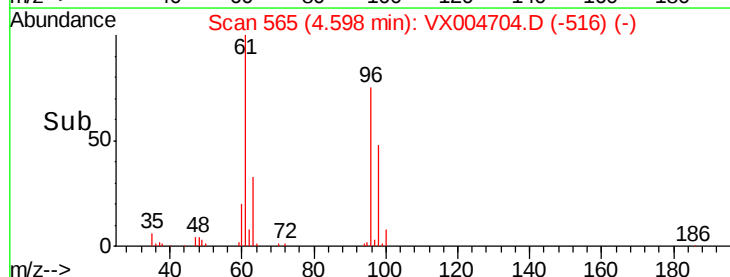
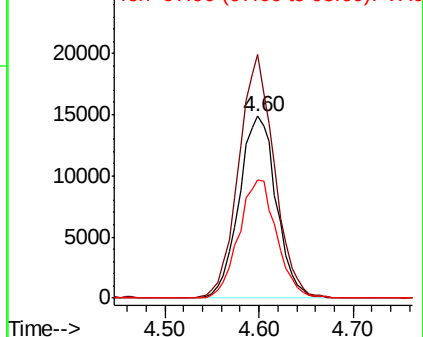
96 100

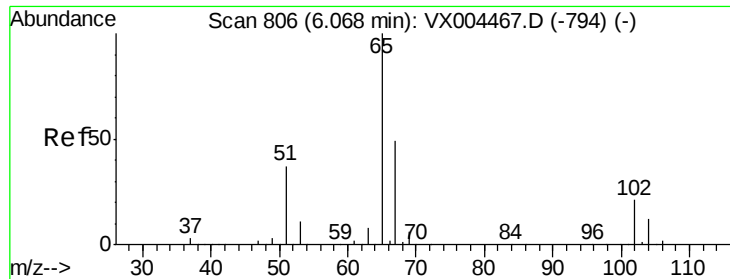
61 127.6 0.0 282.6

98 65.7 0.0 130.2



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

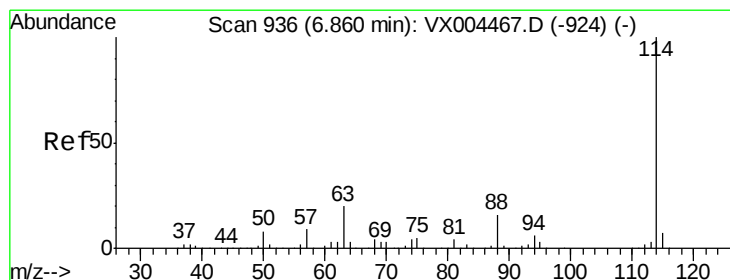
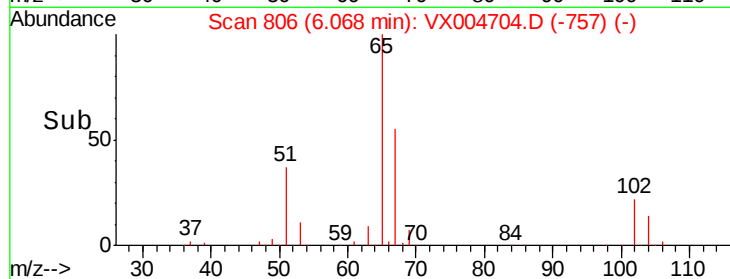
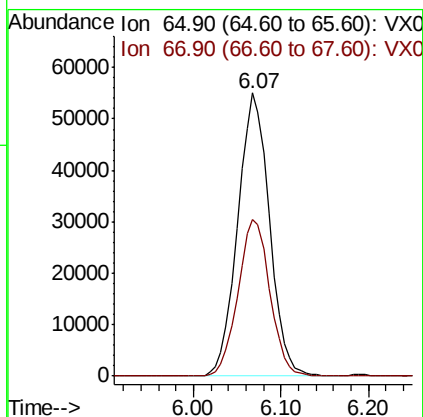
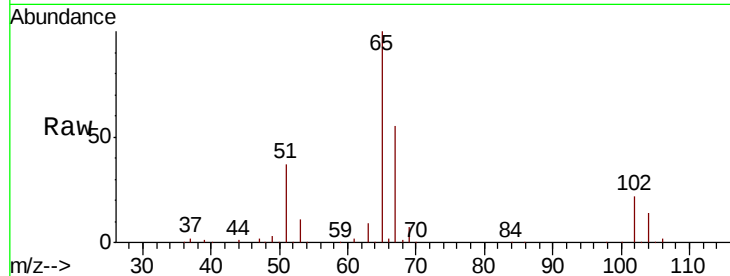




#33
 1,2-Dichloroethane-d4
 Concen: 45.50 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004704.D
 Acq: 19 Sep 2018 14:32

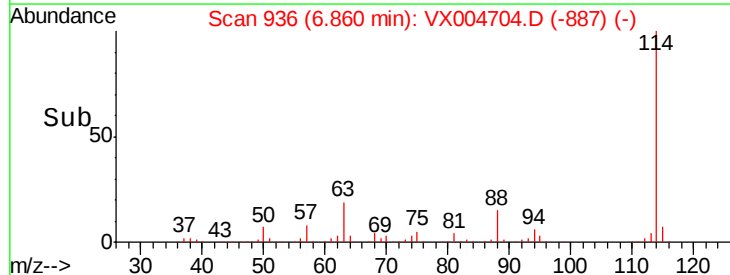
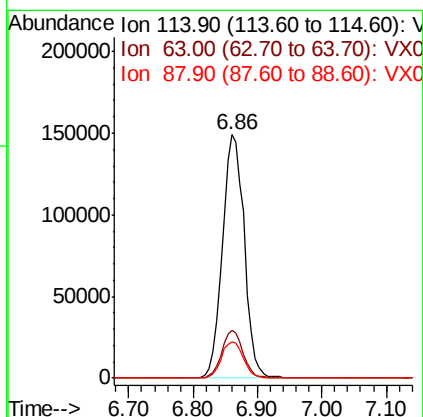
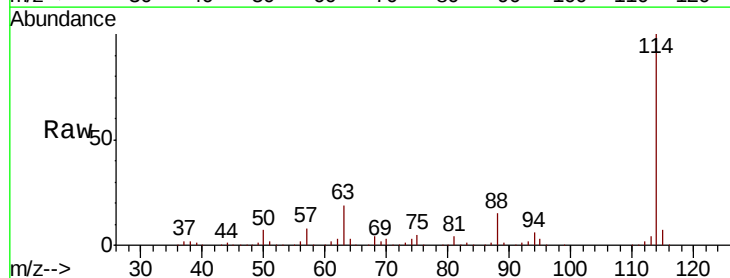
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

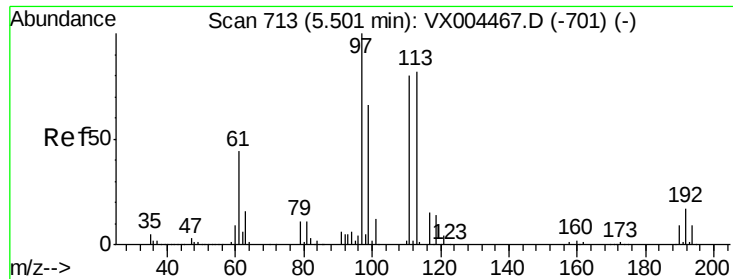
Tot Ion: 65 Resp: 138878
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004704.D
 Acq: 19 Sep 2018 14:32

Tgt Ion: 114 Resp: 358949
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 14.7 0.0 30.4

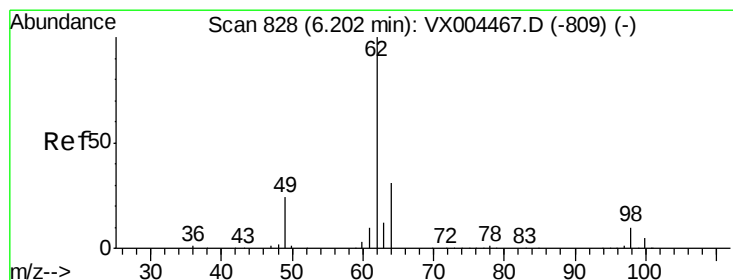
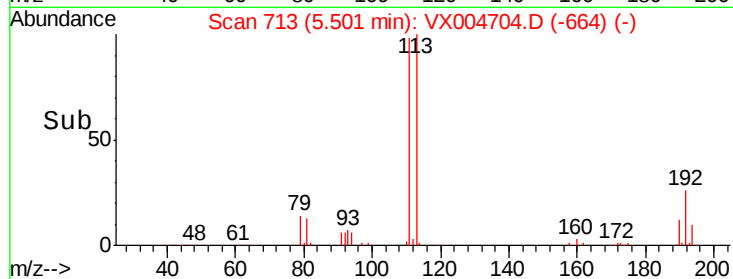
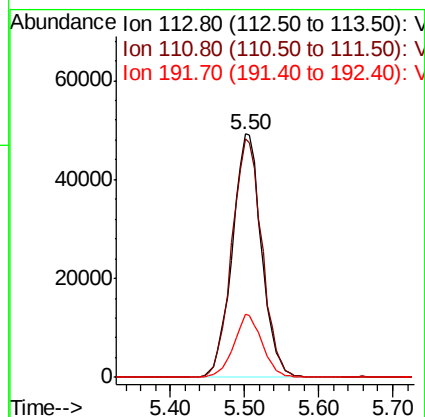
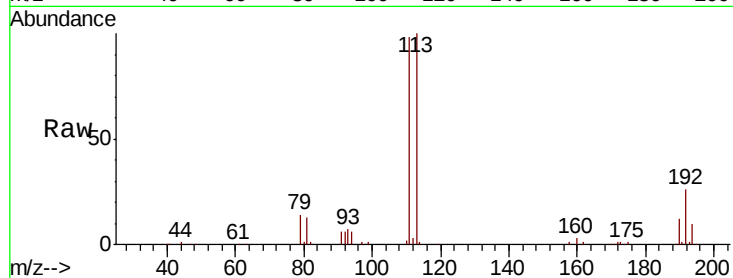




#35
 Dibromofluoromethane
 Concen: 41.23 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004704.D
 Acq: 19 Sep 2018 14:32

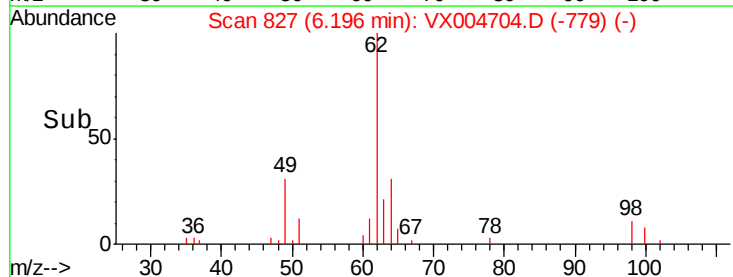
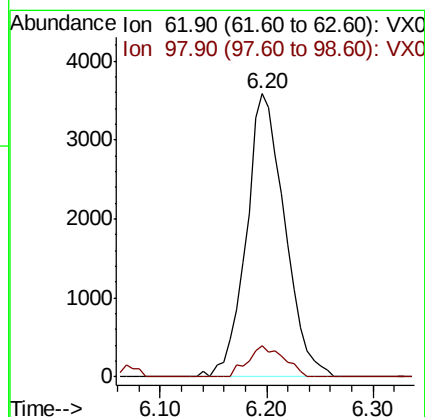
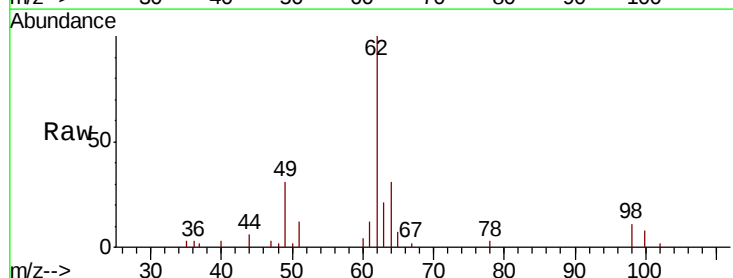
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

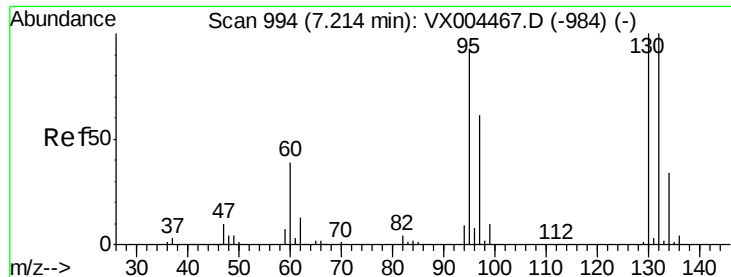
Tot Ion:113 Resp: 135441
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.4 123.6
 192 24.9 19.4 29.2



#42
 1,2-Dichloroethane
 Concen: 2.12 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: VX004704.D
 Acq: 19 Sep 2018 14:32

Tgt Ion: 62 Resp: 9071
 Ion Ratio Lower Upper
 62 100
 98 10.2 0.0 20.6





#44

Trichloroethene

Concen: 0.95 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampled :

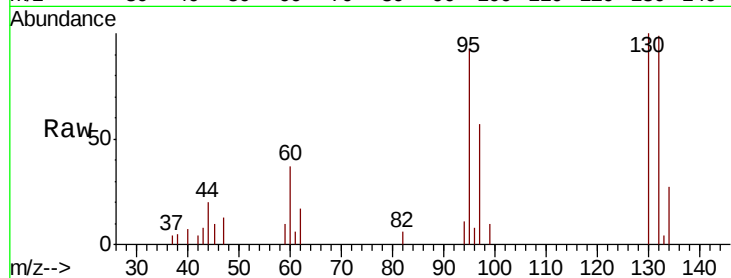
MW-2

Tot Ion:130 Resp: 3200

Ion Ratio Lower Upper

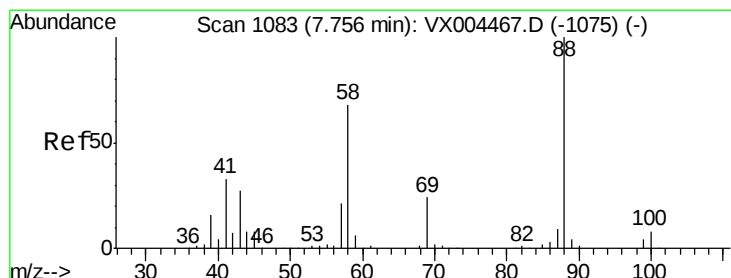
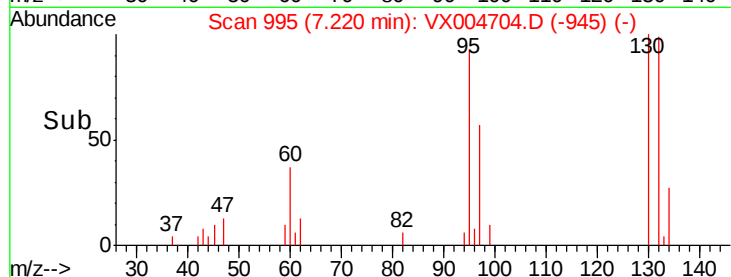
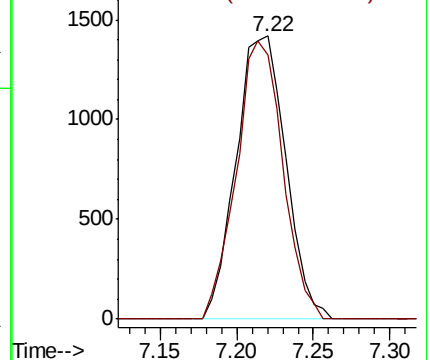
130 100

95 93.2 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 562.34 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

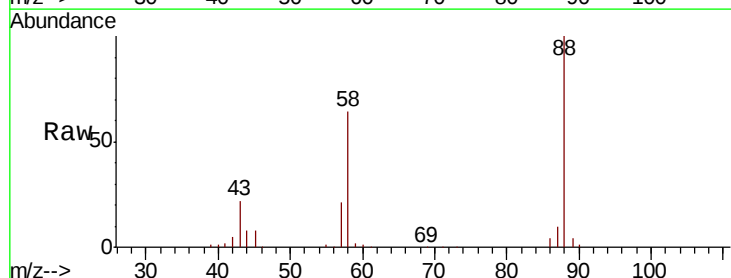
Tgt Ion: 88 Resp: 43361

Ion Ratio Lower Upper

88 100

43 24.2 24.7 37.1#

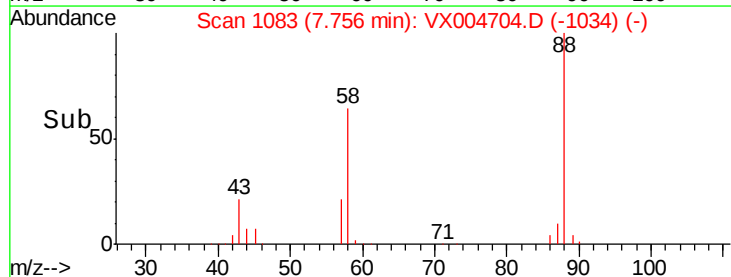
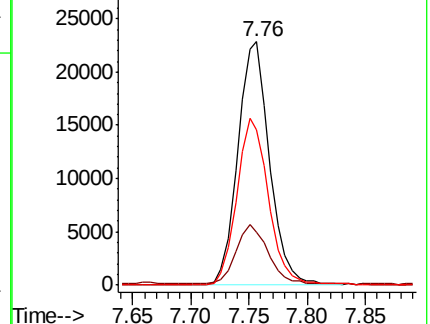
58 68.8 55.3 82.9

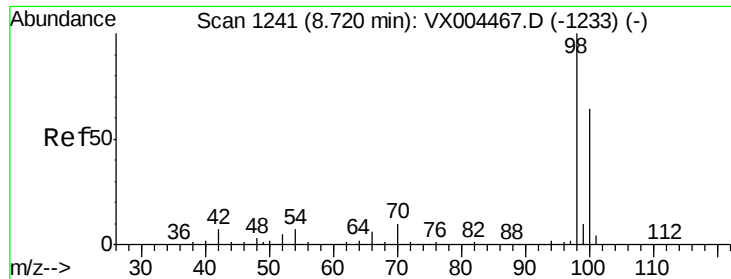


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 44.40 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

Instrument :

MSVOA_X

ClientSampleId :

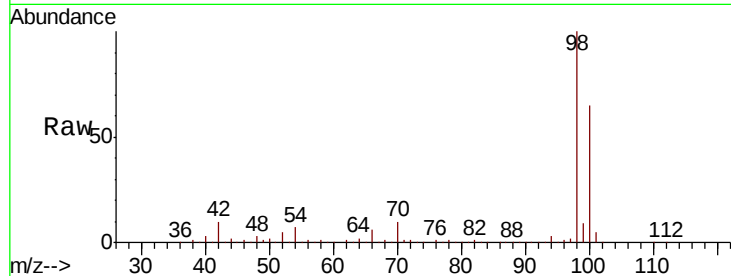
MW-2

Tot Ion: 98 Resp: 489131

Ion Ratio Lower Upper

98 100

100 64.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

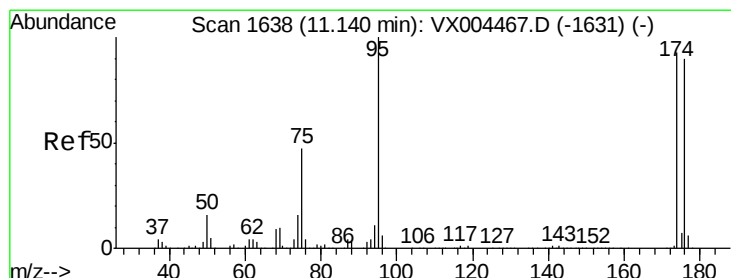
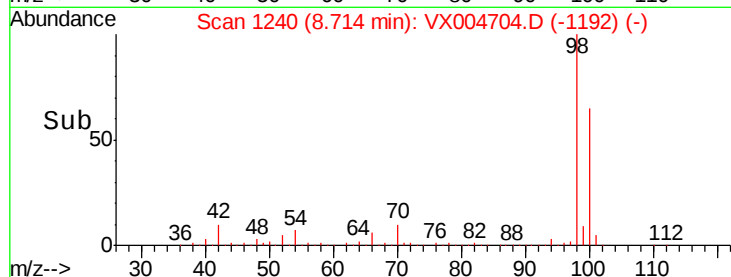
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 44.04 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004704.D

Acq: 19 Sep 2018 14:32

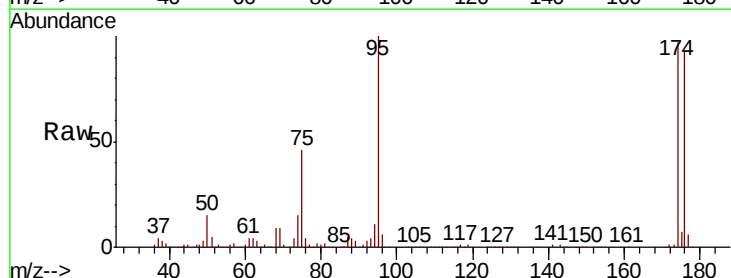
Tgt Ion: 95 Resp: 173148

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.2

176 91.5 0.0 178.6



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

11.14

150000

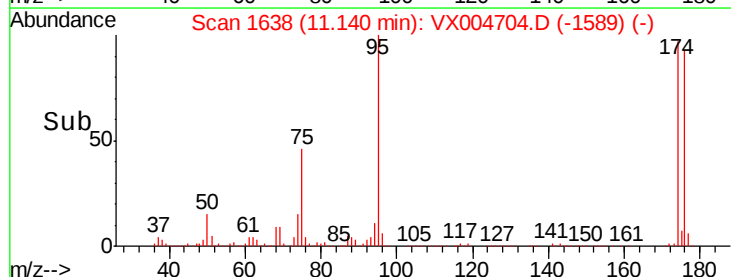
100000

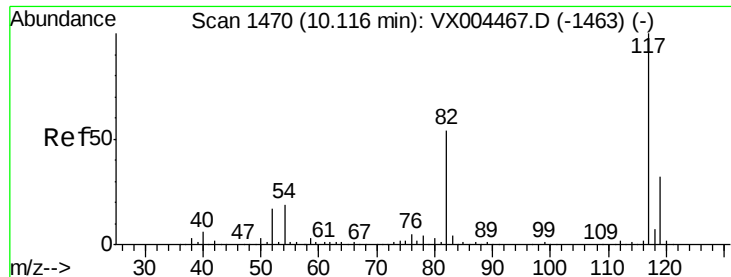
50000

0

11.10 11.20

Time-->

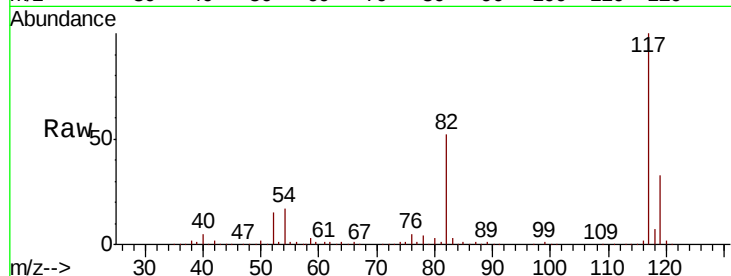




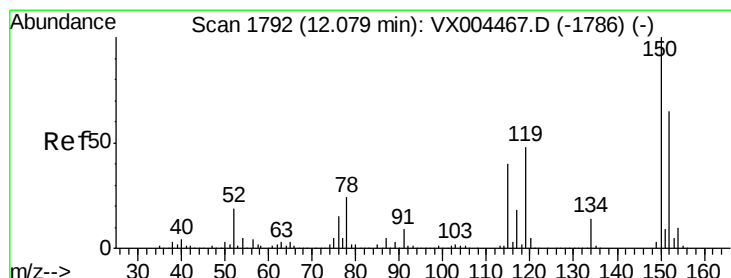
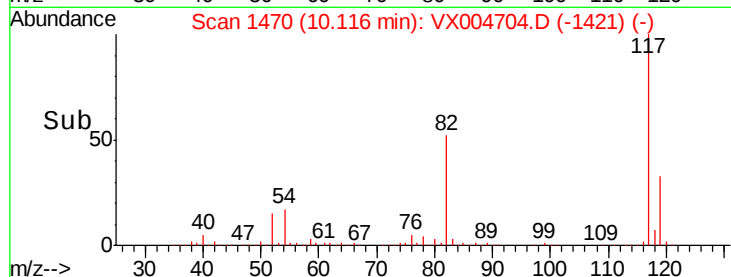
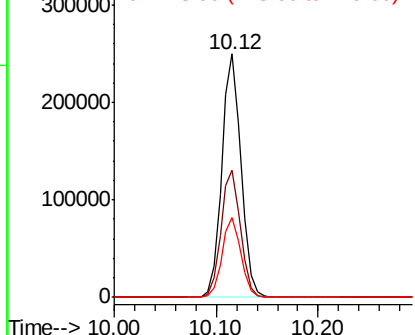
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion:117 Resp: 326809
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 32.6 29.3 43.9

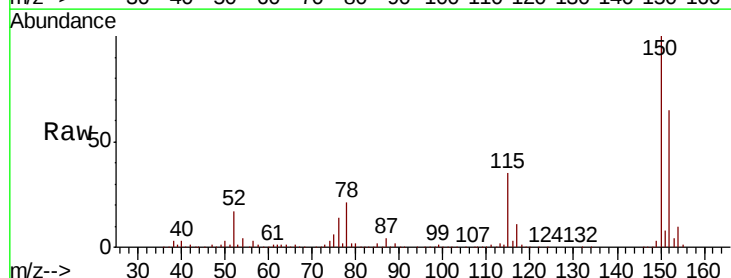


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004704.D
Acq: 19 Sep 2018 14:32

Tgt Ion:152 Resp: 183733
Ion Ratio Lower Upper
152 100
115 53.9 39.0 117.0
150 155.6 0.0 351.0



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

