

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004105.D
 Acq On : 16 Aug 2018 06:40
 Operator : JC/MD
 Sample : J4495-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW504-180814

Quant Time: Aug 16 16:47:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

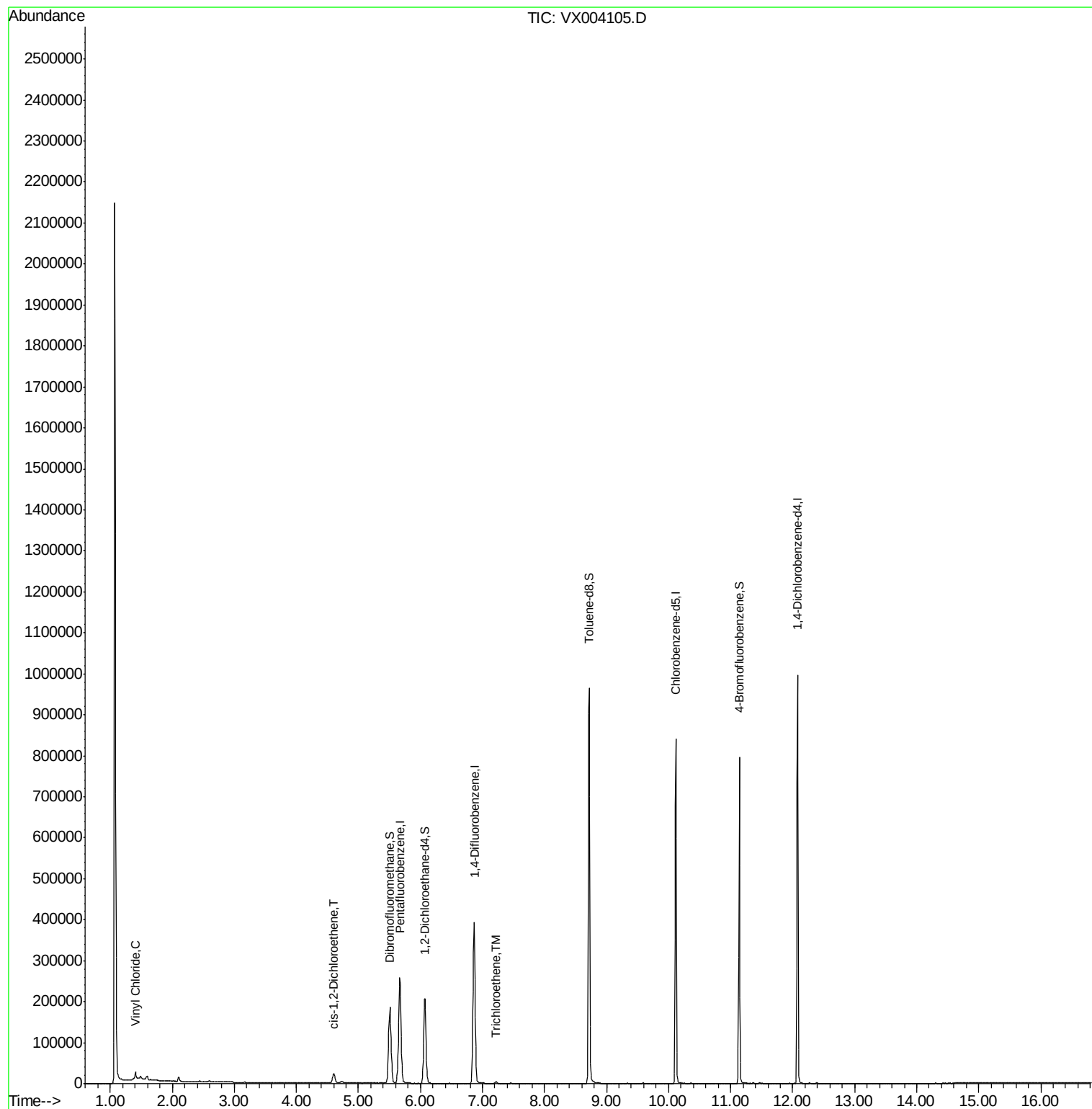
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193532	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	5.51	113	156450	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	8.72	98	572535	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.14	95	192365	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
4) Vinyl Chloride	1.41	62	10813	3.25	ug/l	# 86
27) cis-1,2-Dichloroethene	4.60	96	14875	4.30	ug/l	95
44) Trichloroethene	7.22	130	1570	0.42	ug/l	96

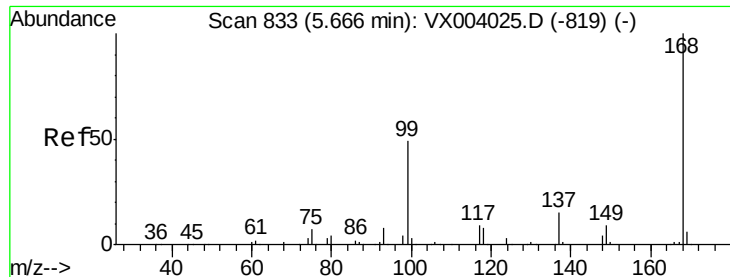
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004105.D

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Instrument :

MSVOA_X

ClientSampleId :

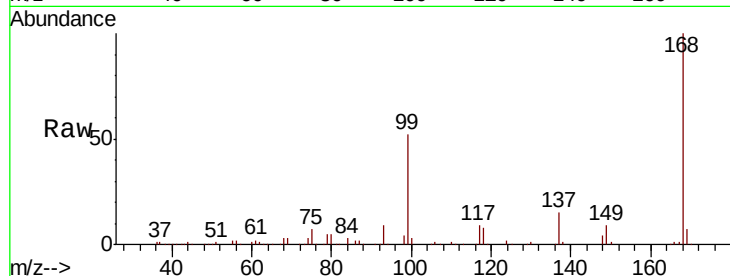
SS050MW504-180814

Tot Ion:168 Resp: 257446

Ion Ratio Lower Upper

168 100

99 52.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

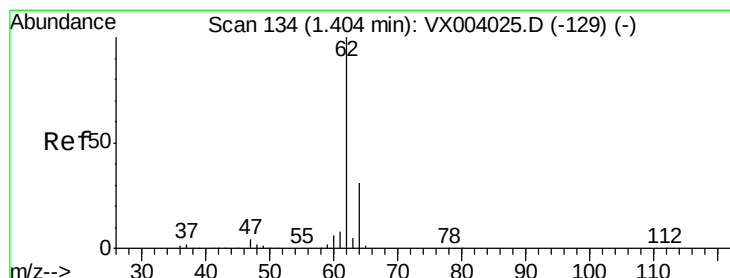
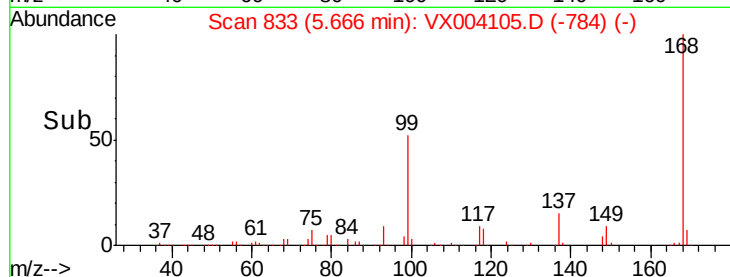
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX004105.D

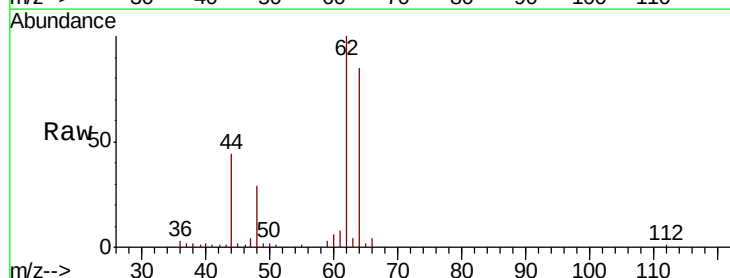
Acq: 16 Aug 2018 06:40

Tgt Ion: 62 Resp: 10813

Ion Ratio Lower Upper

62 100

64 40.6 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

10000

8000

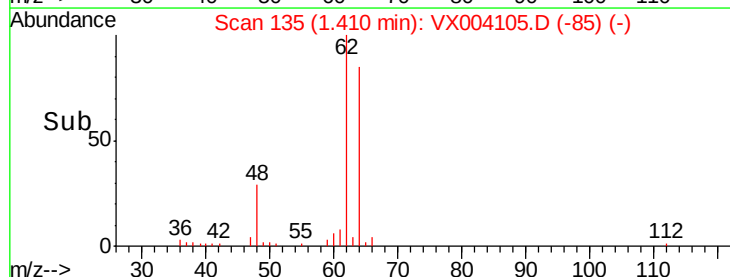
6000

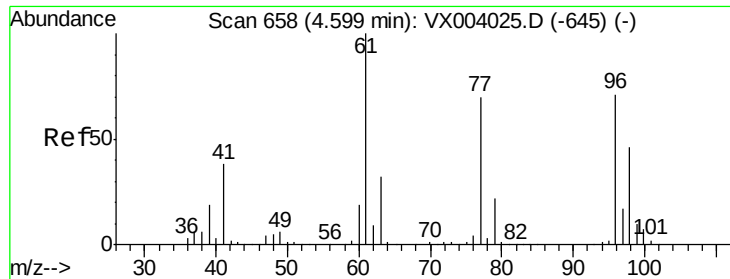
4000

2000

0

Time--> 1.35 1.40 1.45 1.50





#27

cis-1,2-Dichloroethene

Concen: 4.30 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX004105.D

Acq: 16 Aug 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW504-180814

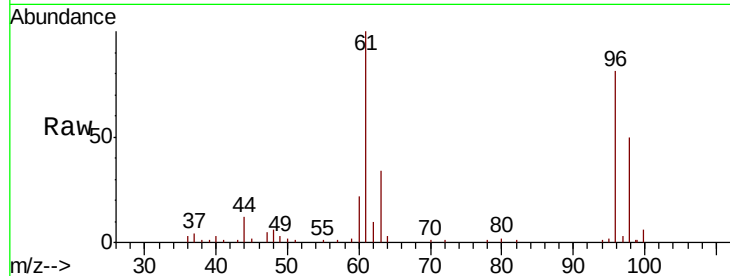
Tot Ion: 96 Resp: 14875

Ion Ratio Lower Upper

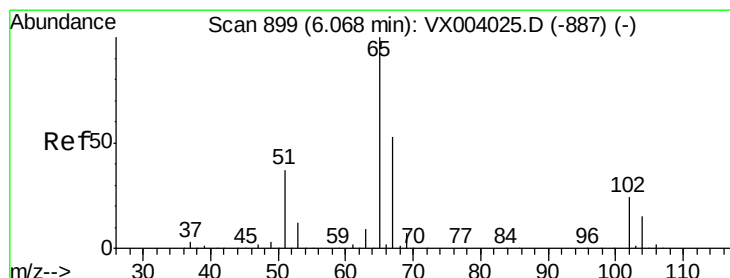
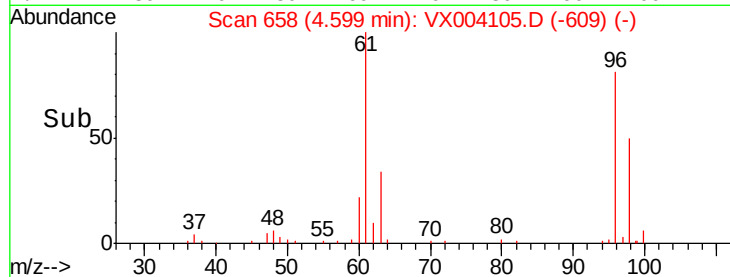
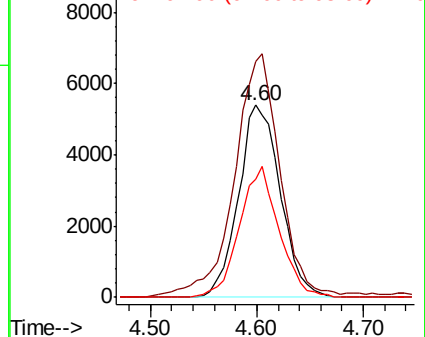
96 100

61 138.1 0.0 293.0

98 64.2 0.0 131.8



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: 53.35 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX004105.D

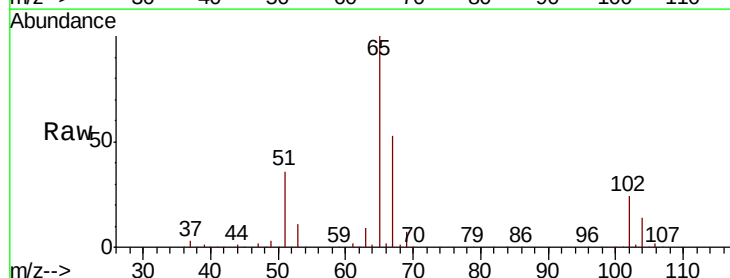
Acq: 16 Aug 2018 06:40

Tgt Ion: 65 Resp: 193532

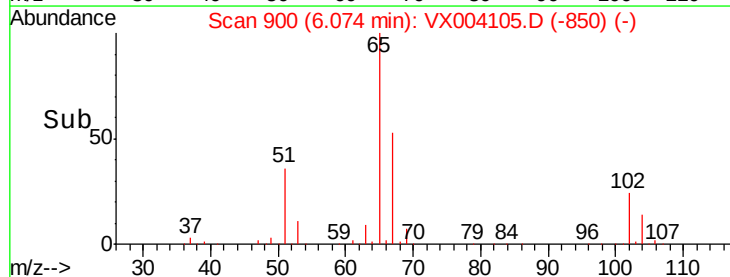
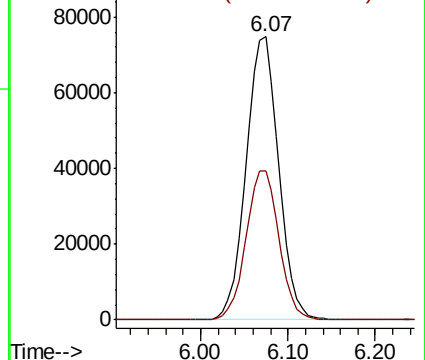
Ion Ratio Lower Upper

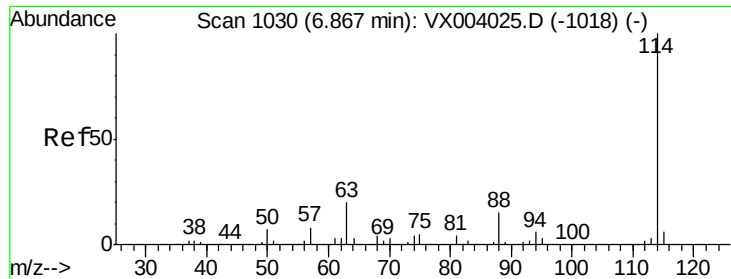
65 100

67 53.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

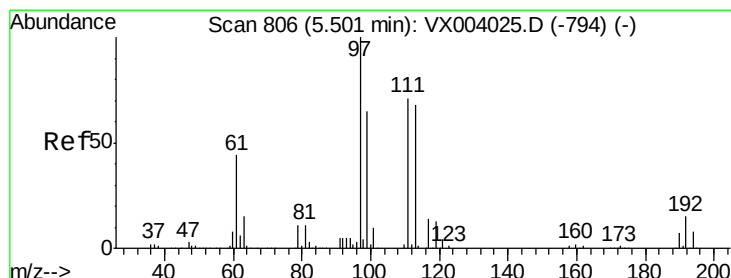
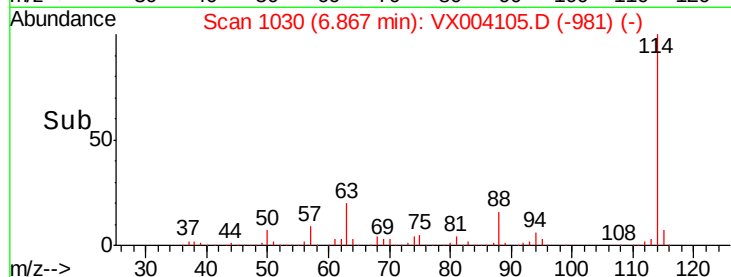
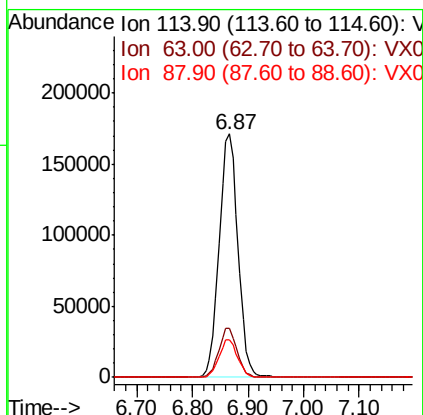
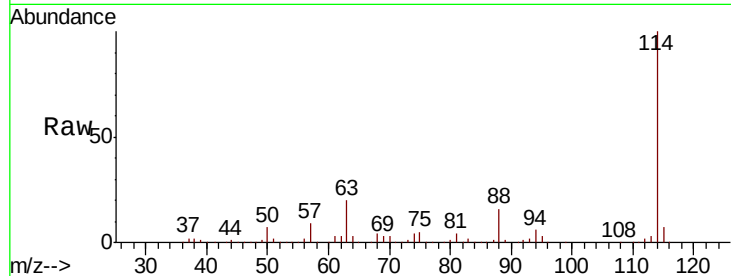




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX004105.D
 Acq: 16 Aug 2018 06:40

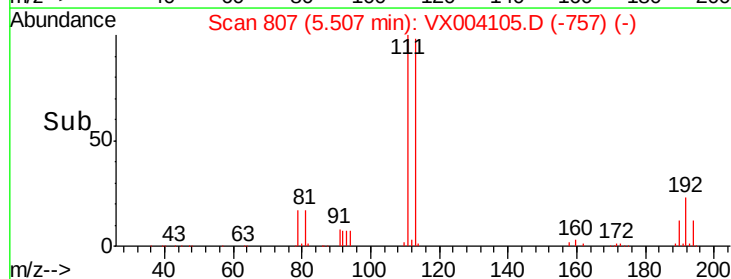
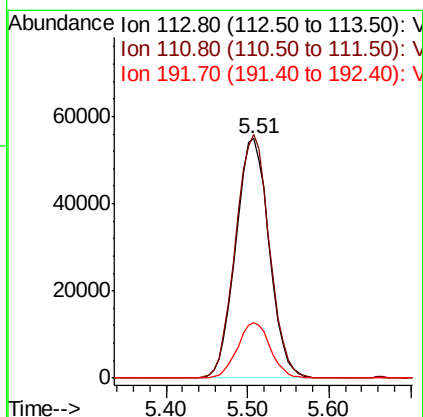
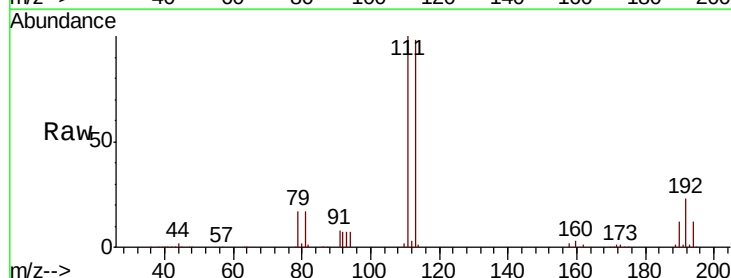
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW504-180814

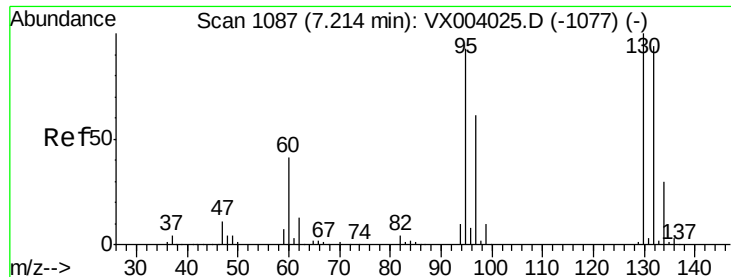
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 52.10 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004105.D
 Acq: 16 Aug 2018 06:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	22.9	19.0	28.4





#44

Trichloroethene

Concen: 0.42 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX004105.D

Acq: 16 Aug 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

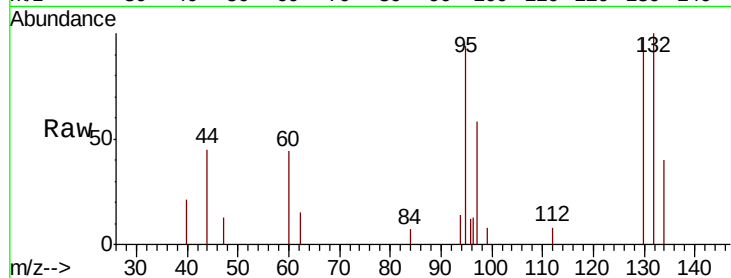
SS050MW504-180814

Tot Ion:130 Resp: 1570

Ion Ratio Lower Upper

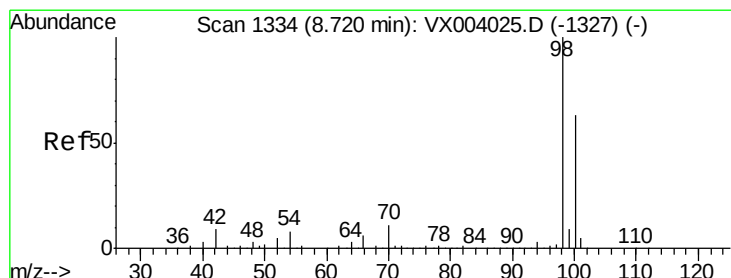
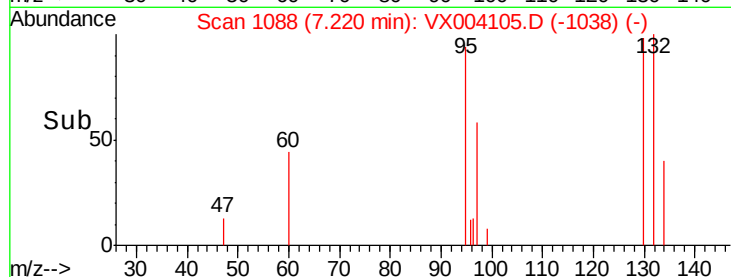
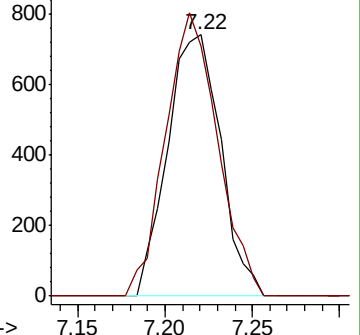
130 100

95 95.7 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX004105.D

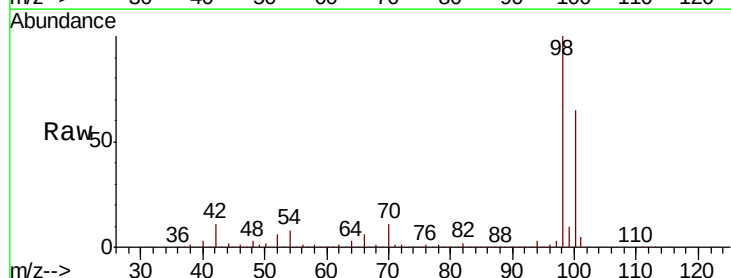
Acq: 16 Aug 2018 06:40

Tgt Ion: 98 Resp: 572535

Ion Ratio Lower Upper

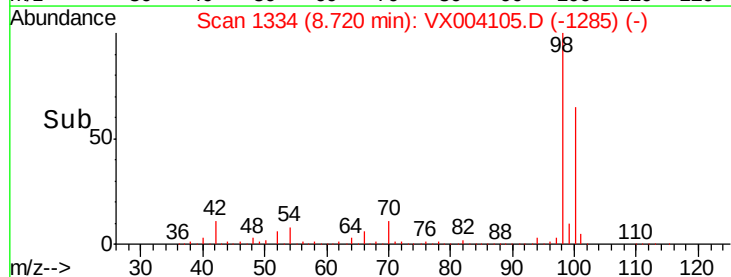
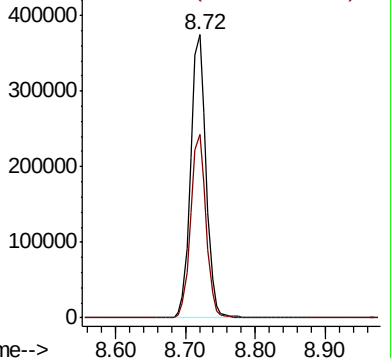
98 100

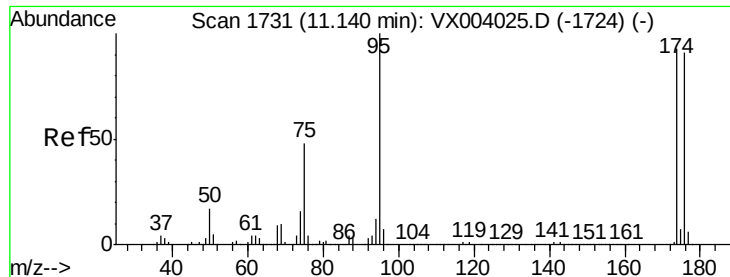
100 64.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004105.D

Acq: 16 Aug 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW504-180814

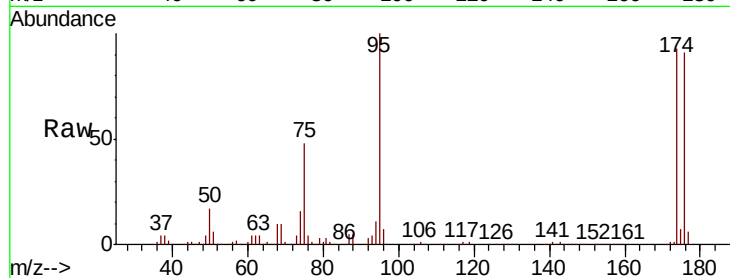
Tot Ion: 95 Resp: 192365

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.8

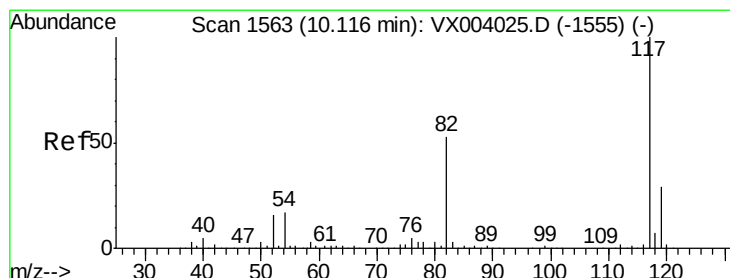
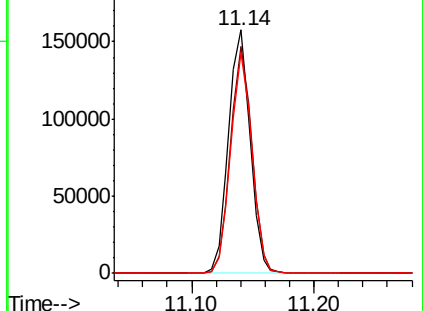
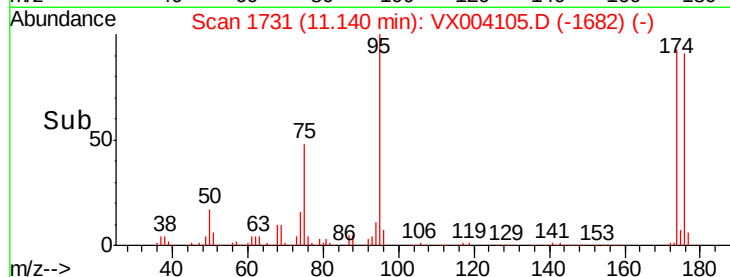
176 89.0 0.0 179.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX004105.D

Acq: 16 Aug 2018 06:40

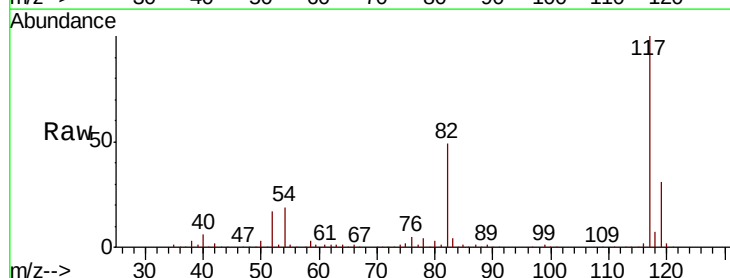
Tgt Ion: 117 Resp: 376211

Ion Ratio Lower Upper

117 100

82 49.5 45.4 68.0

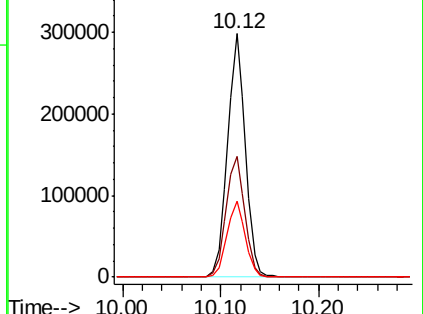
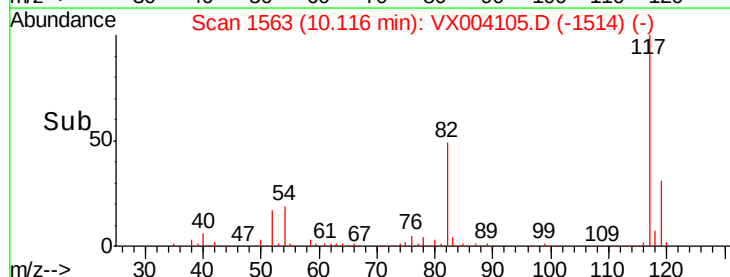
119 31.4 26.6 40.0

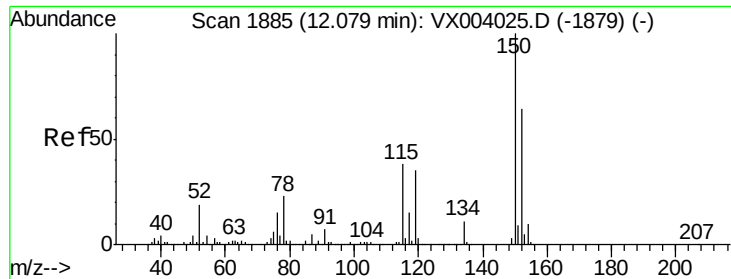


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1885

Delta R.T. 0.00 min

Lab File: VX004105.D

Acq: 16 Aug 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

SS050MW504-180814

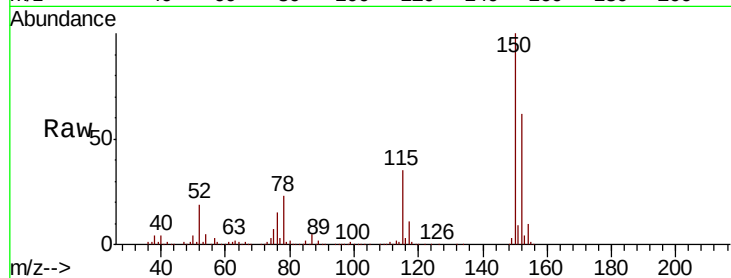
Tot Ion:152 Resp: 202070

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.3

150 160.3 0.0 349.2



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

