

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002033.D
 Acq On : 26 May 2018 21:39
 Operator : JC/MD
 Sample : J3118-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW732R-180521

Quant Time: May 29 05:14:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

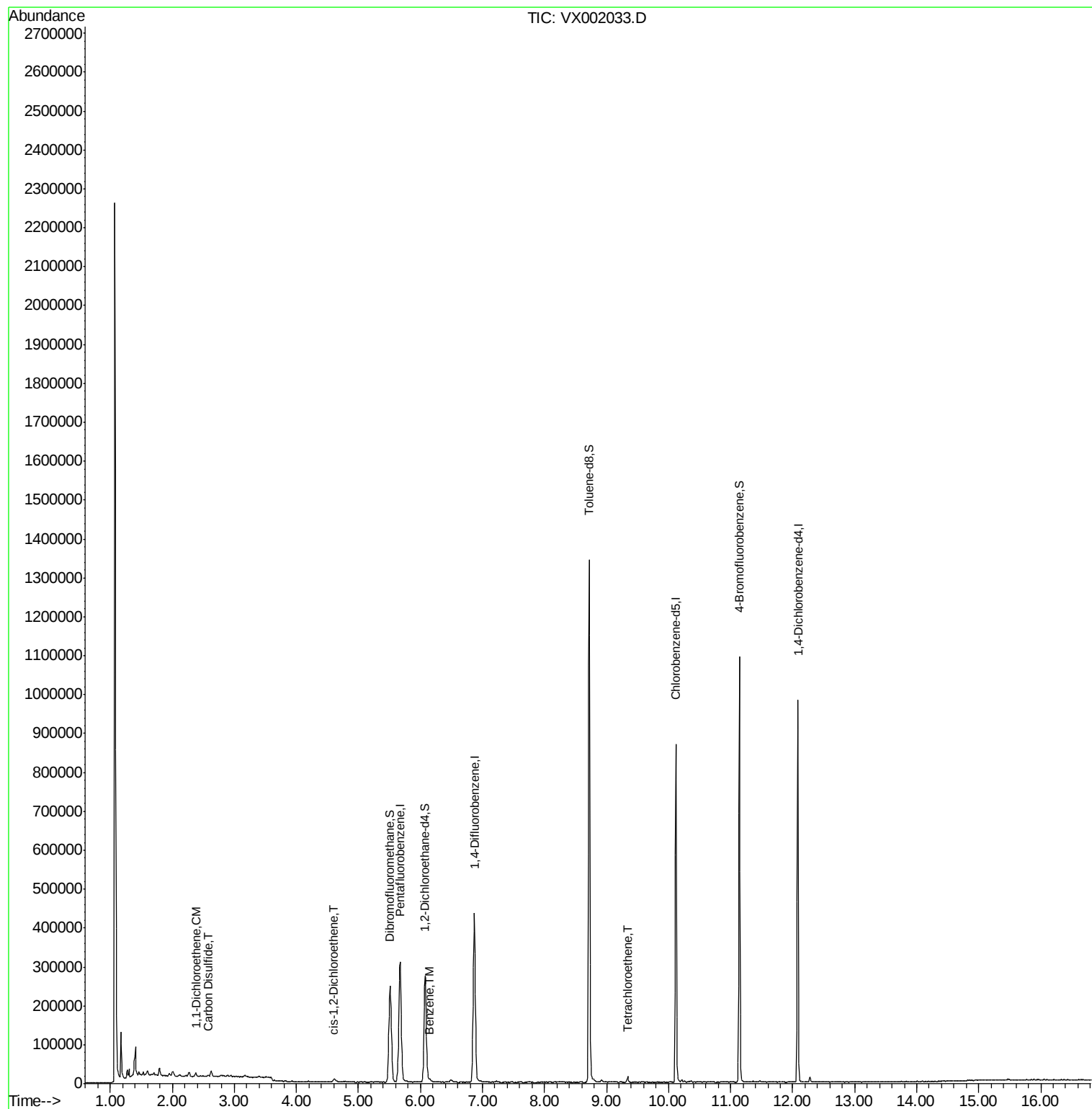
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	428824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	261698	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
35) Dibromofluoromethane	5.51	113	204238	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	8.72	98	770085	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.14	95	270808	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	3580	0.99	ug/l #	86
17) Carbon Disulfide	2.57	76	4445	0.43	ug/l #	93
27) cis-1,2-Dichloroethene	4.60	96	2496	0.53	ug/l #	1
40) Benzene	6.15	78	8022	0.46	ug/l #	83
64) Tetrachloroethene	9.34	164	2958	0.55	ug/l	90

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

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

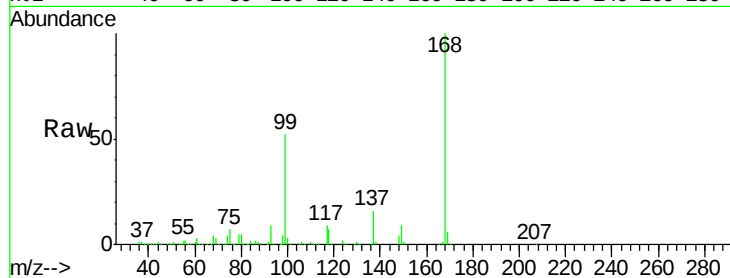
SS052MW732R-180521

Tot Ion:168 Resp: 310087

Ion Ratio Lower Upper

168 100

99 51.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

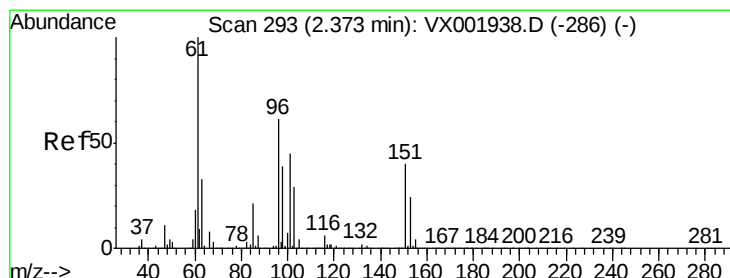
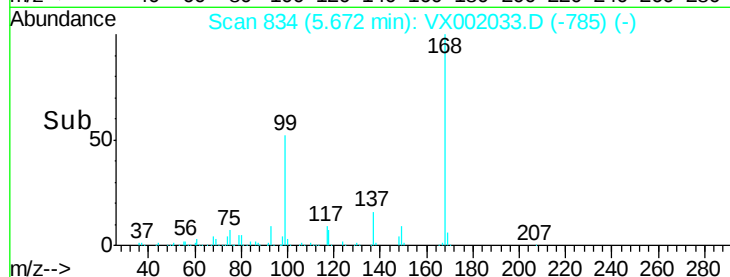
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.99 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

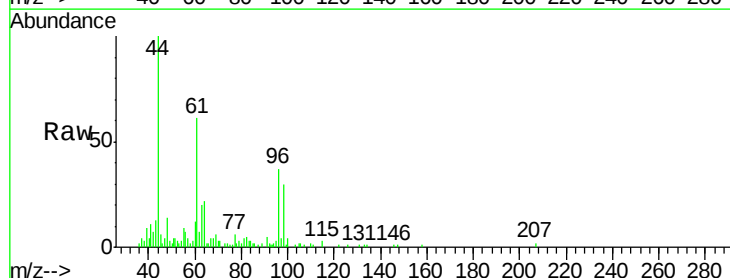
Tgt Ion: 96 Resp: 3580

Ion Ratio Lower Upper

96 100

61 177.1 131.7 197.5

98 83.5 51.6 77.4#



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

4000

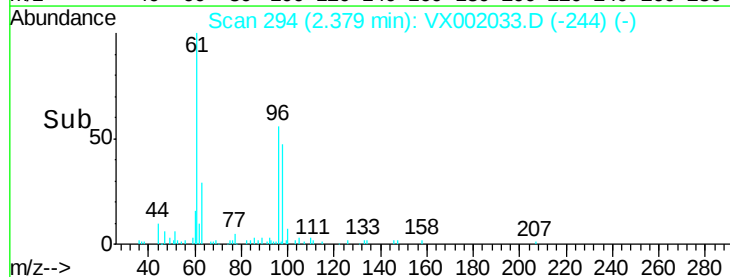
3000

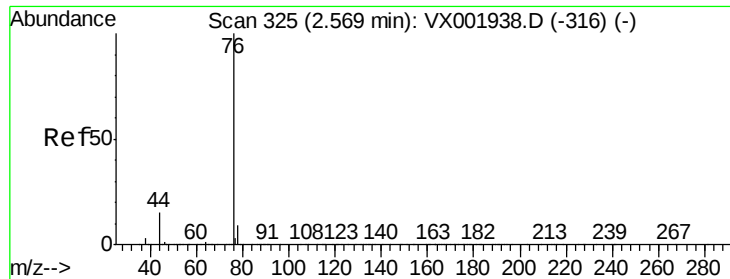
2000

1000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 0.43 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

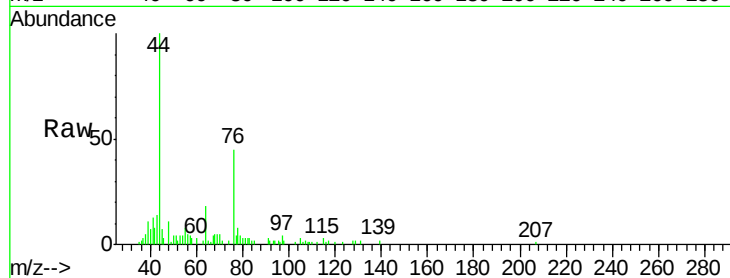
SS052MW732R-180521

Tot Ion: 76 Resp: 4445

Ion Ratio Lower Upper

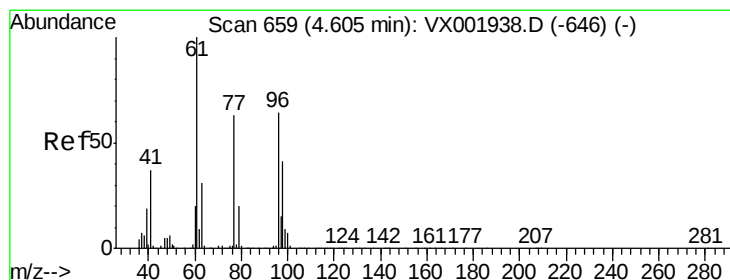
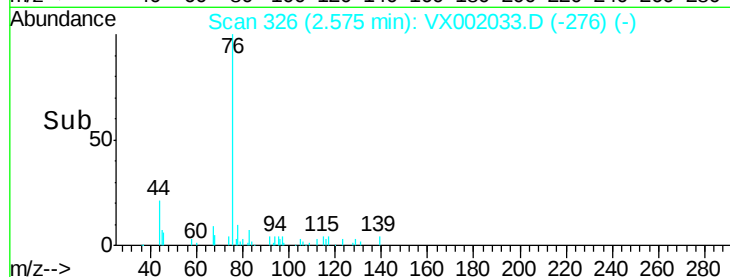
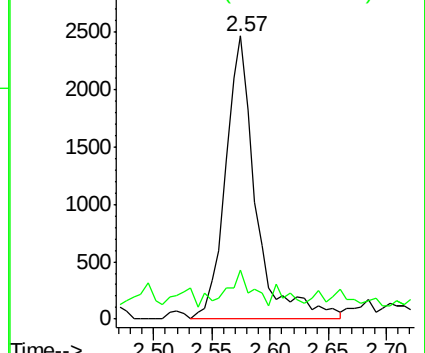
76 100

78 6.7 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.53 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

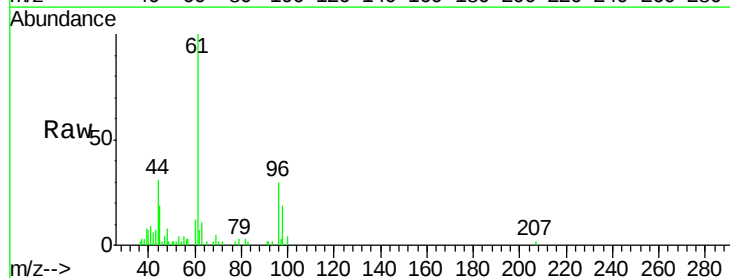
Tgt Ion: 96 Resp: 2496

Ion Ratio Lower Upper

96 100

61 601.5 0.0 348.4#

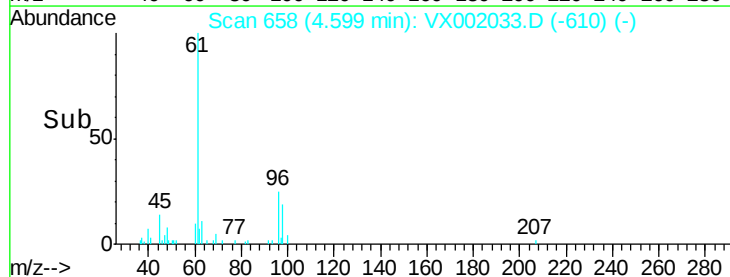
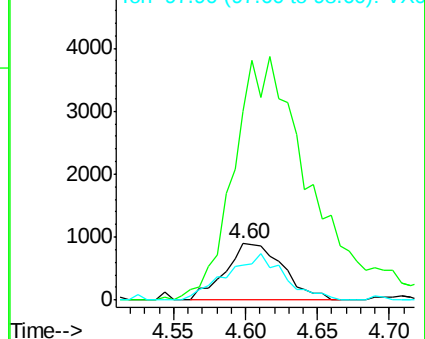
98 81.7 0.0 128.6

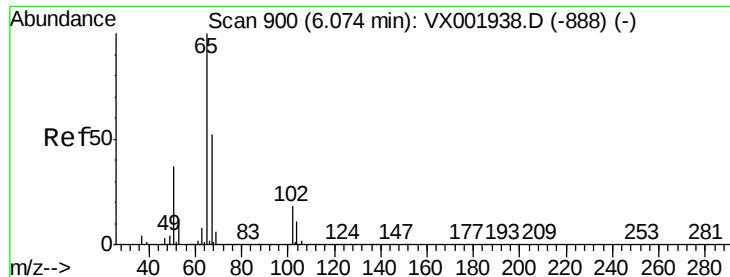


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.21 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

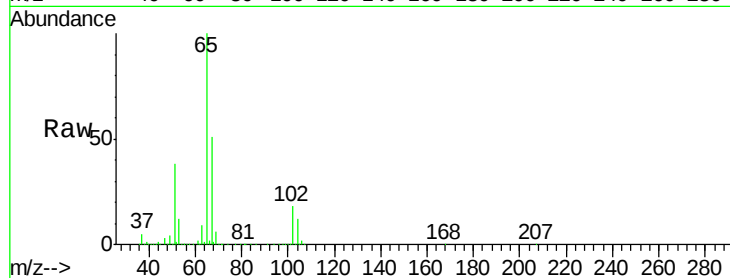
SS052MW732R-180521

Tot Ion: 65 Resp: 261698

Ion Ratio Lower Upper

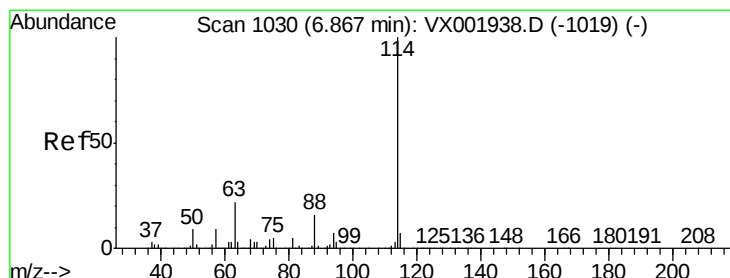
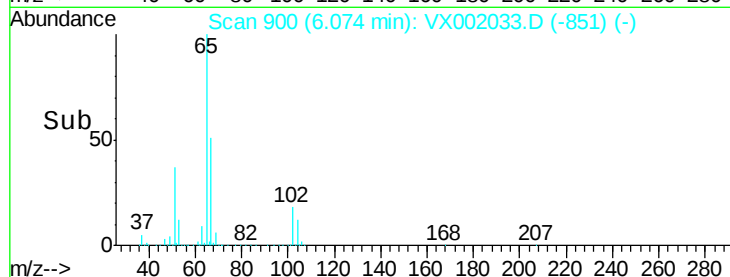
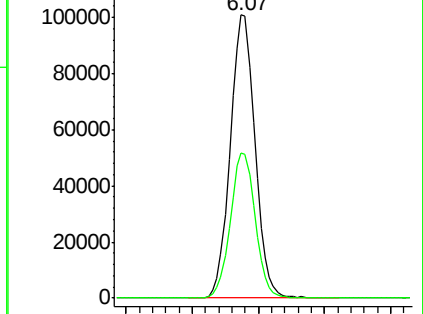
65 100

67 51.6 0.0 104.0



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: VX002033.D

Acq: 26 May 2018 21:39

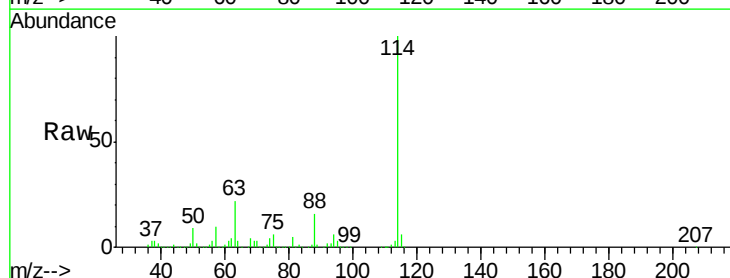
Tgt Ion: 114 Resp: 428824

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

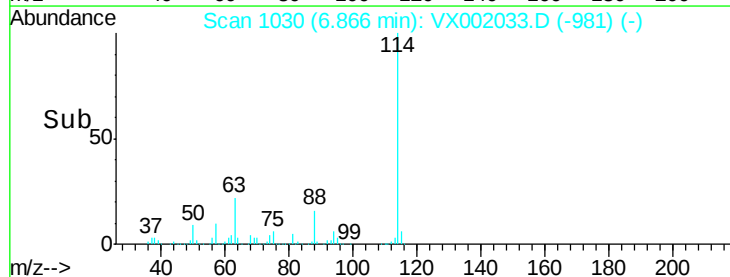
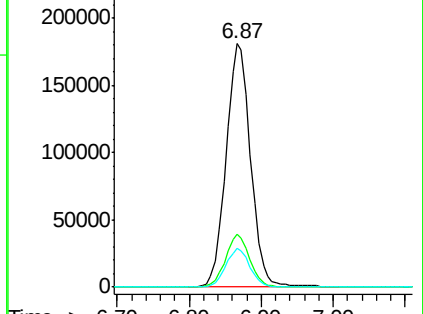
88 15.9 0.0 31.6

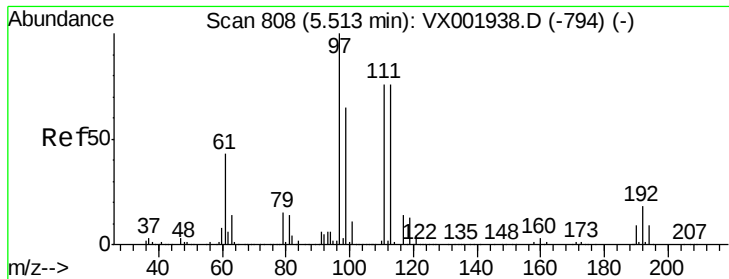


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW732R-180521

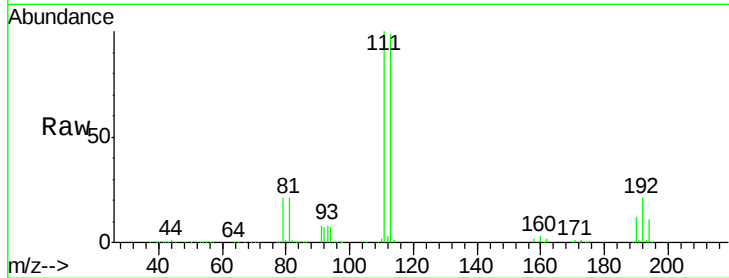
Tot Ion:113 Resp: 204238

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

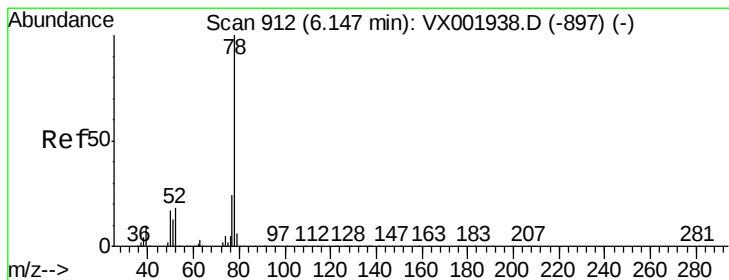
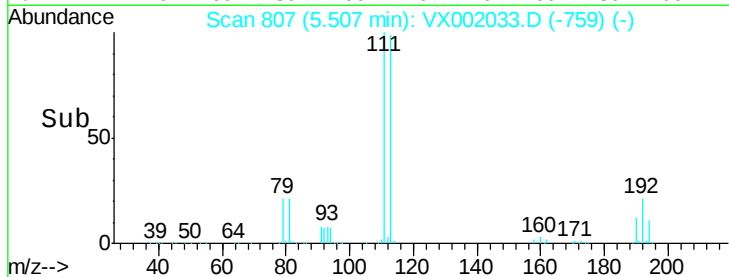
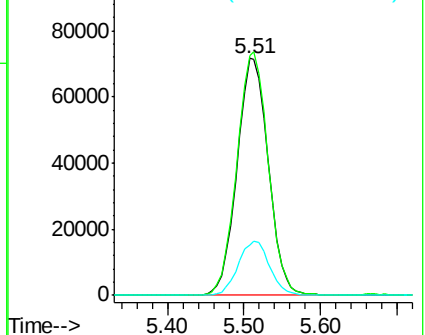
192 23.0 18.9 28.3



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



#40

Benzene

Concen: 0.46 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002033.D

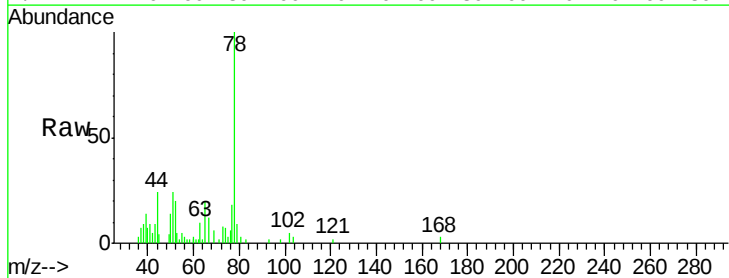
Acq: 26 May 2018 21:39

Tgt Ion: 78 Resp: 8022

Ion Ratio Lower Upper

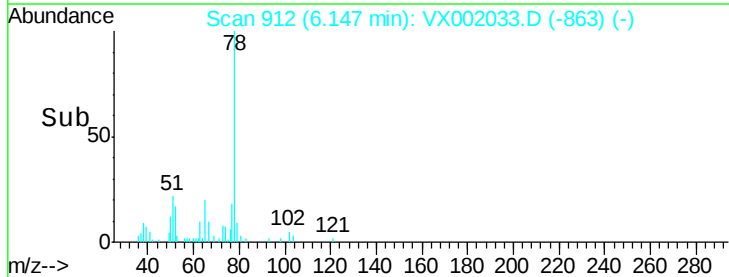
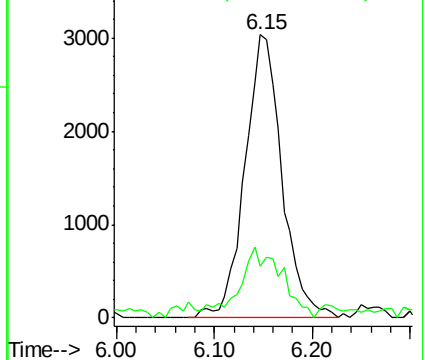
78 100

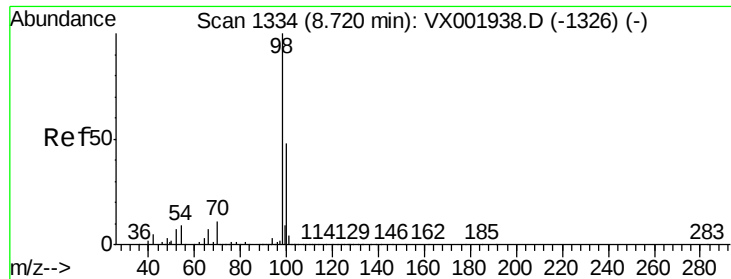
77 15.4 19.1 28.7#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 49.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

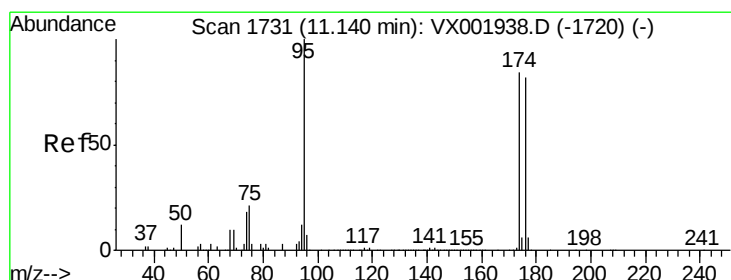
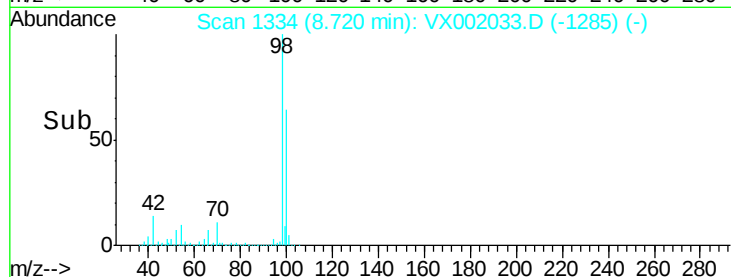
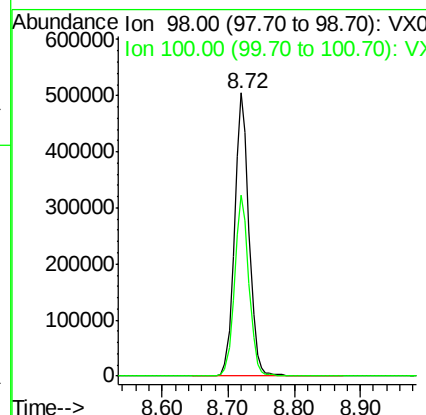
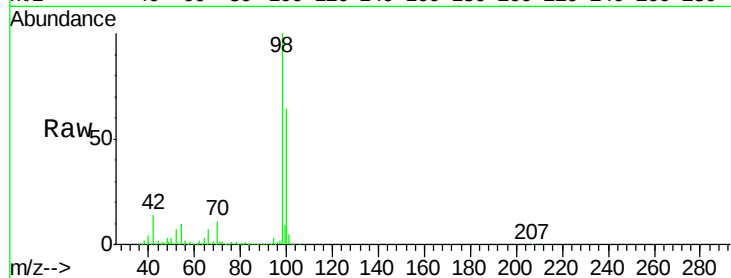
SS052MW732R-180521

Tot Ion: 98 Resp: 770085

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

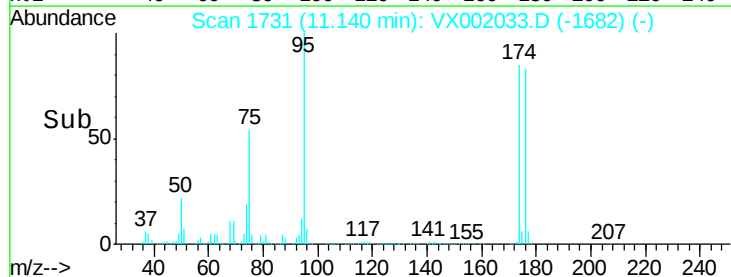
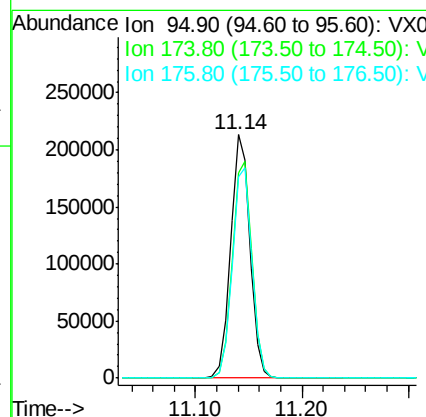
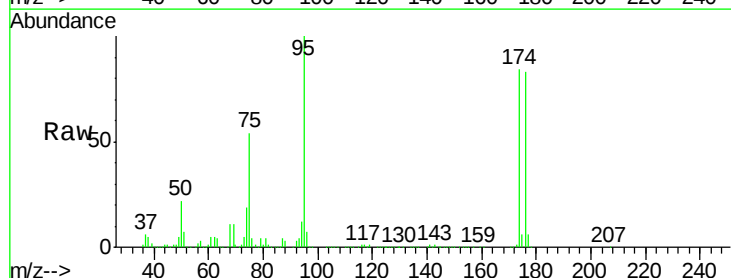
Tgt Ion: 95 Resp: 270808

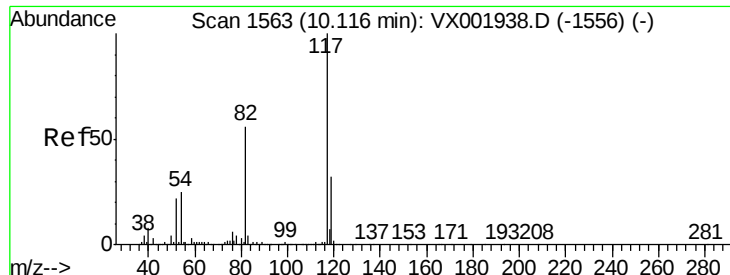
Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.8

176 88.4 0.0 175.6

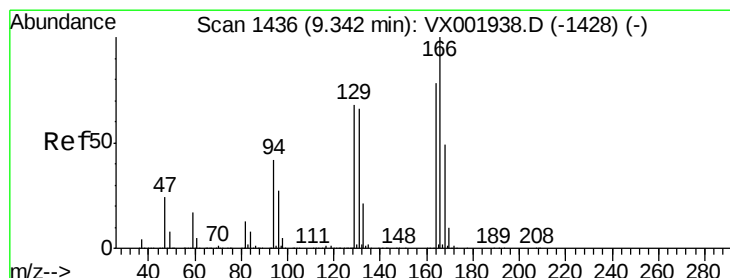
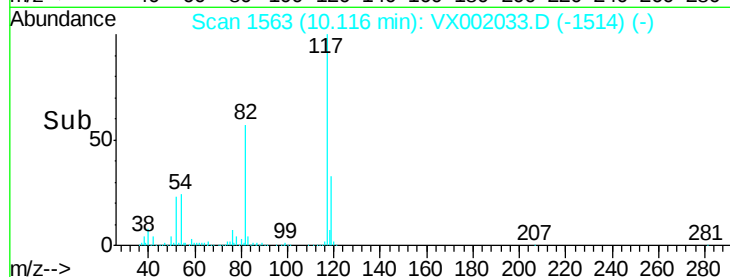
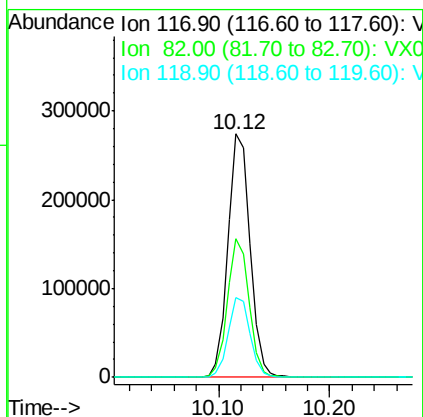
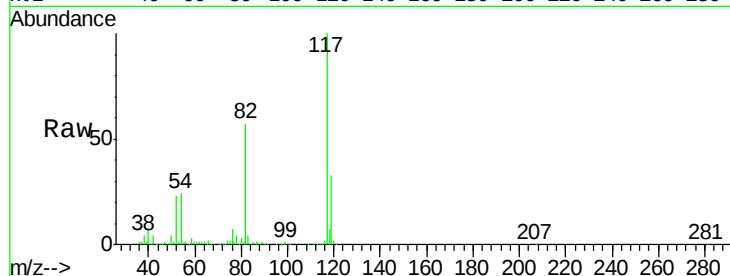




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002033.D
Acq: 26 May 2018 21:39

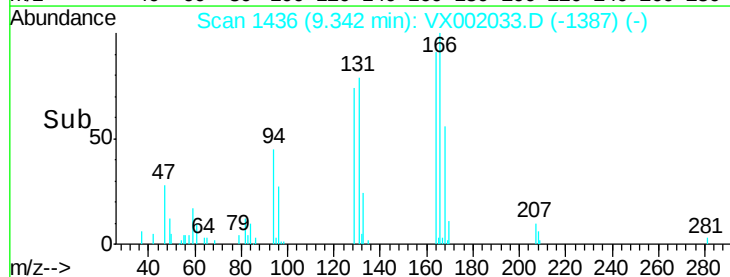
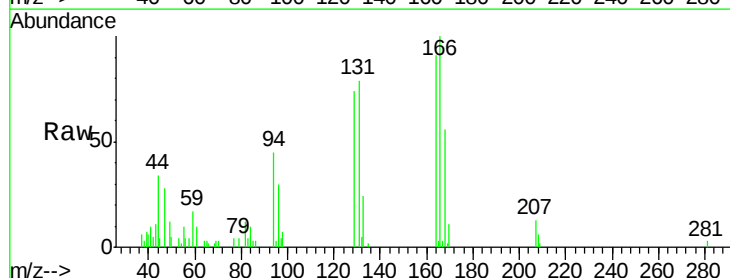
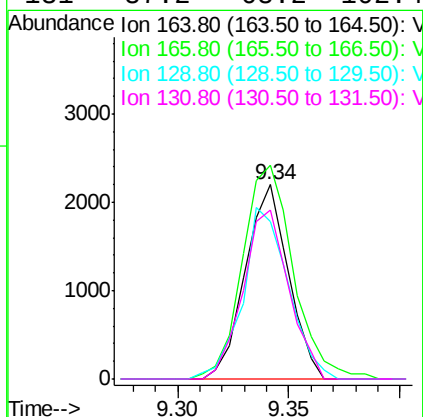
Instrument :
MSVOA_X
ClientSampleId :
SS052MW732R-180521

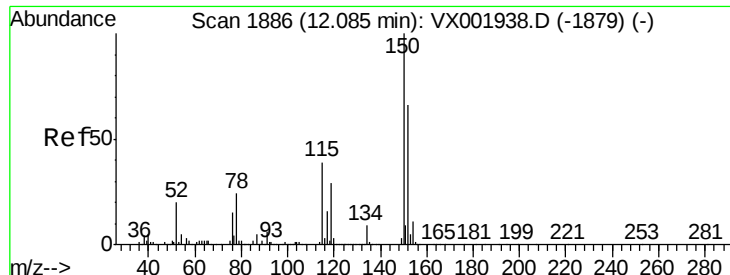
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.8	67.2
119	32.8	25.5	38.3



#64
Tetrachloroethene
Concen: 0.55 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002033.D
Acq: 26 May 2018 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	110.0	102.7	154.1
129	80.9	70.3	105.5
131	87.2	68.2	102.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

SS052MW732R-180521

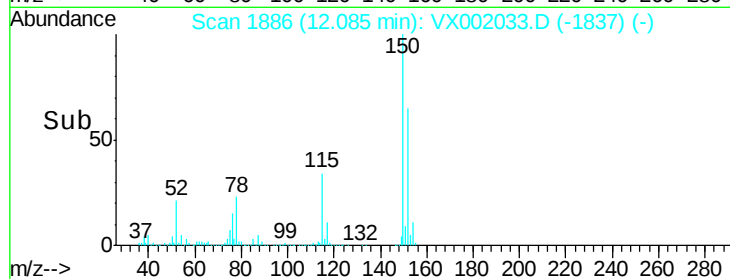
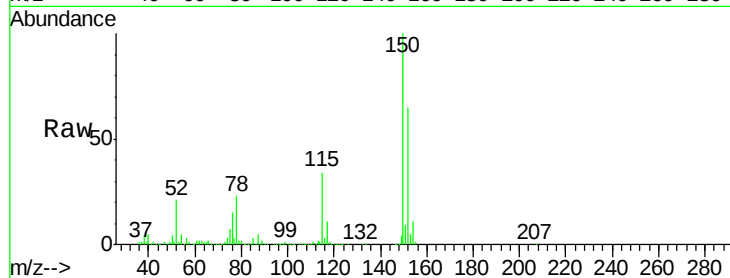
Tot Ion:152 Resp: 203866

Ion Ratio Lower Upper

152 100

115 55.1 42.3 126.8

150 156.6 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

