

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002028.D
 Acq On : 26 May 2018 19:26
 Operator : JC/MD
 Sample : J3118-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW351-180522

Quant Time: May 28 02:16:18 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

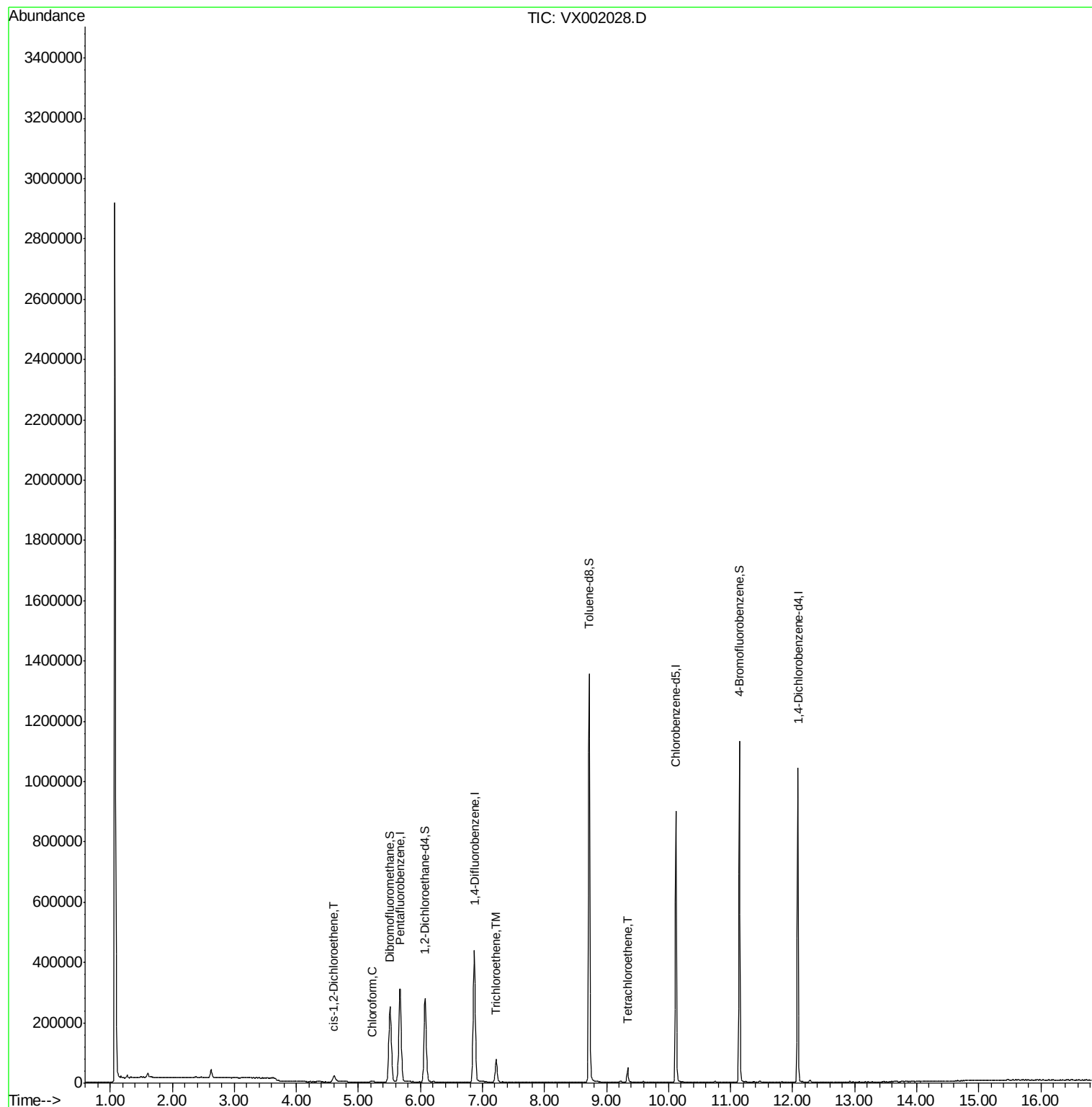
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	437092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	264393	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
35) Dibromofluoromethane	5.51	113	206123	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
50) Toluene-d8	8.72	98	778513	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.14	95	277112	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	9792	2.06	ug/l	32
30) Chloroform	5.21	83	2817	0.34	ug/l	92
44) Trichloroethene	7.22	130	28455	5.48	ug/l	93
64) Tetrachloroethene	9.34	164	9436	1.69	ug/l	98

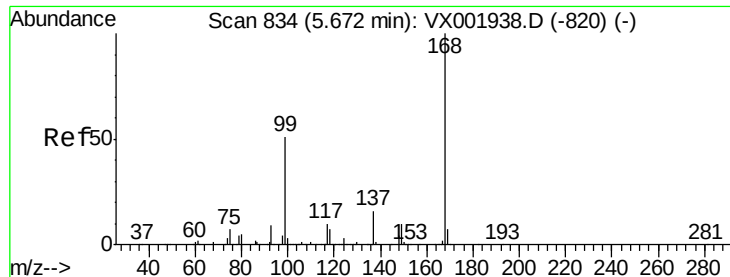
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002028.D

Acq: 26 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

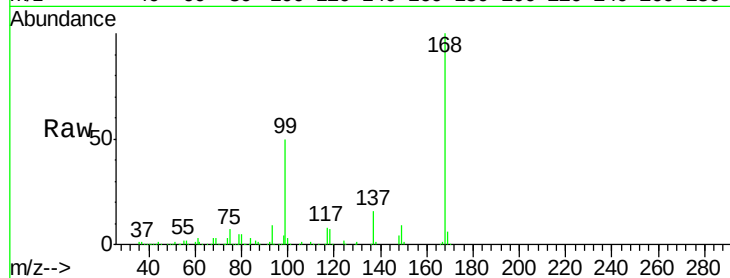
SS052MW351-180522

Tot Ion:168 Resp: 313274

Ion Ratio Lower Upper

168 100

99 50.0 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

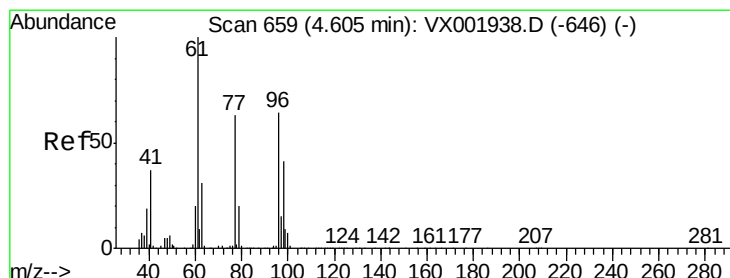
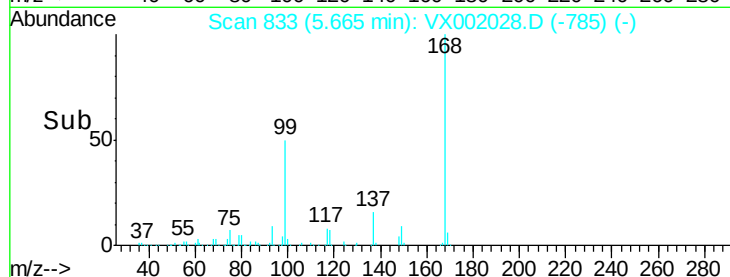
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#27

cis-1,2-Dichloroethene

Concen: 2.06 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002028.D

Acq: 26 May 2018 19:26

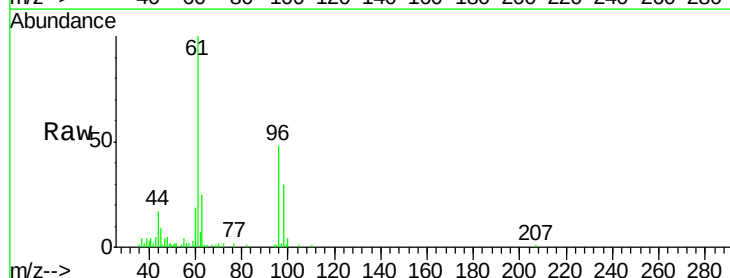
Tgt Ion: 96 Resp: 9792

Ion Ratio Lower Upper

96 100

61 301.6 0.0 348.4

98 68.8 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

10000

8000

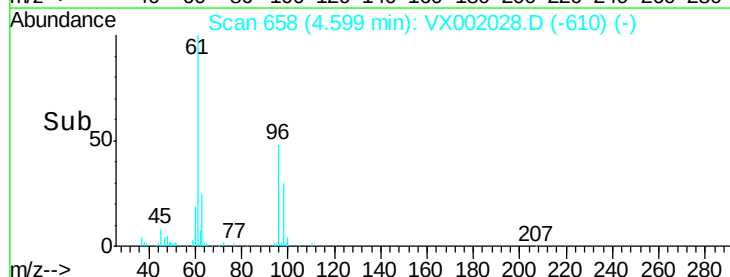
6000

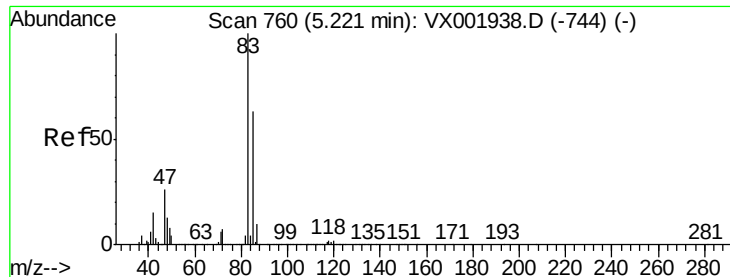
4000

2000

0

Time--> 4.50 4.60 4.70





#30

Chloroform

Concen: 0.34 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002028.D

Acq: 26 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

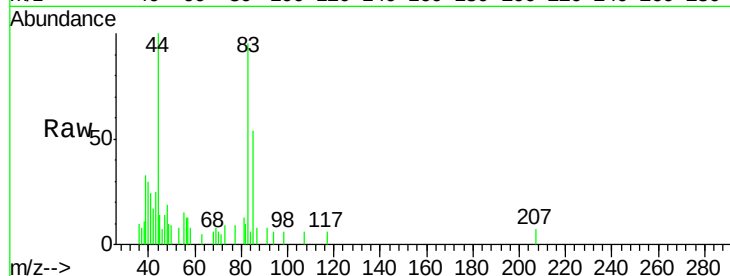
SS052MW351-180522

Tot Ion: 83 Resp: 2817

Ion Ratio Lower Upper

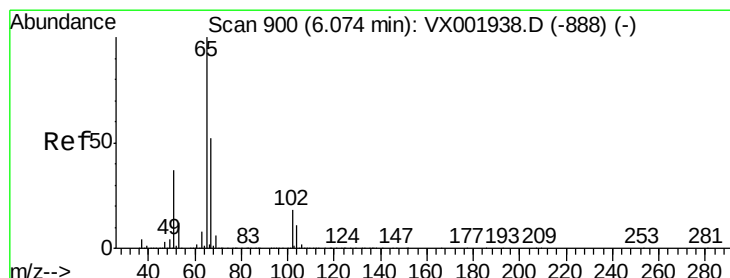
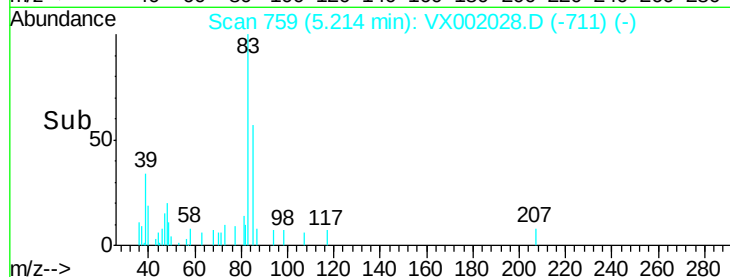
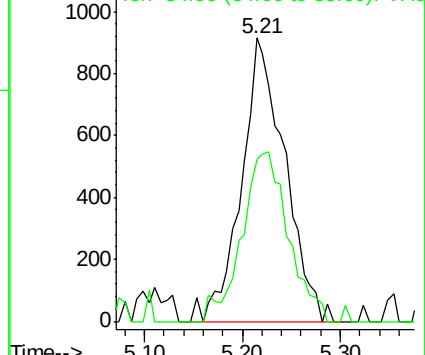
83 100

85 57.4 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): 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: VX002028.D

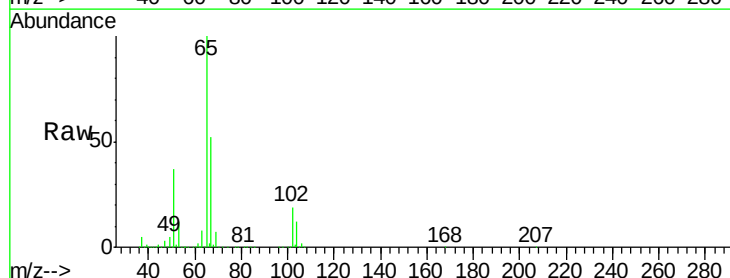
Acq: 26 May 2018 19:26

Tgt Ion: 65 Resp: 264393

Ion Ratio Lower Upper

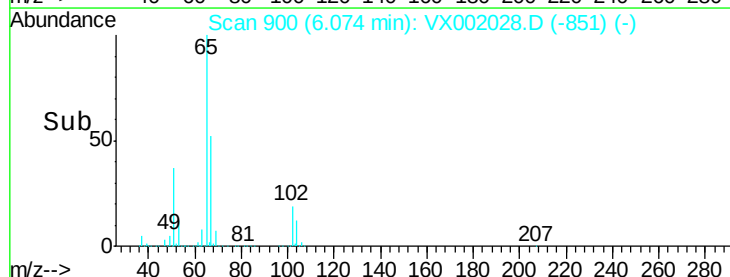
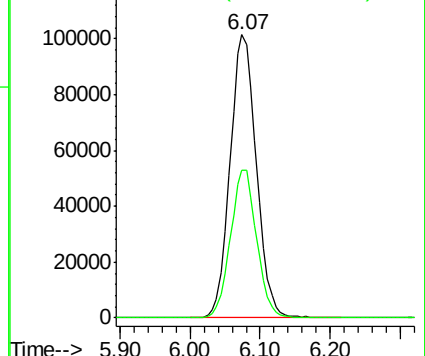
65 100

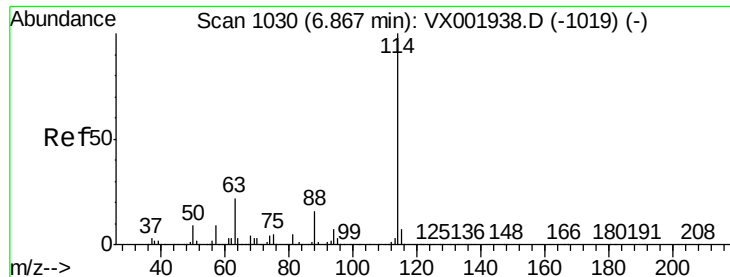
67 52.0 0.0 104.0



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: VX002028.D

Acq: 26 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

SS052MW351-180522

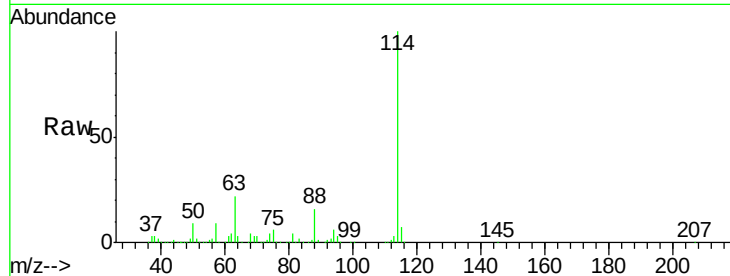
Tot Ion:114 Resp: 437092

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

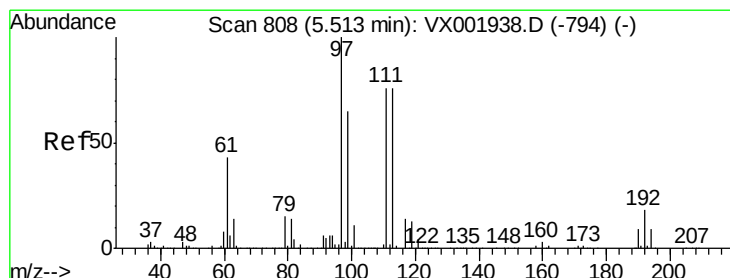
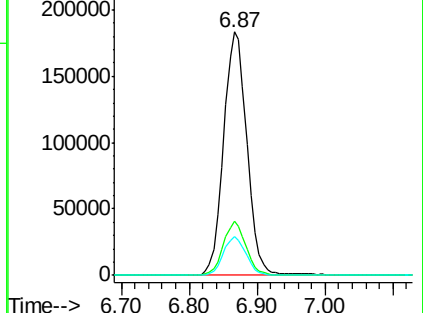
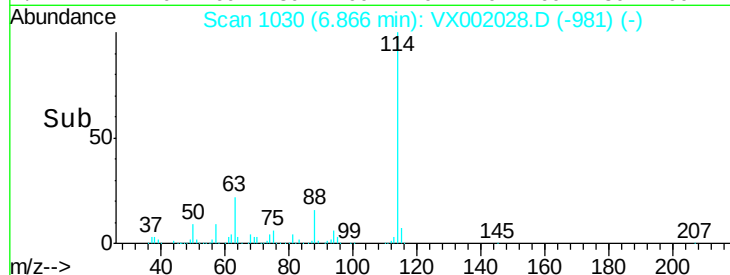
88 15.8 0.0 31.6



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: 47.16 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002028.D

Acq: 26 May 2018 19:26

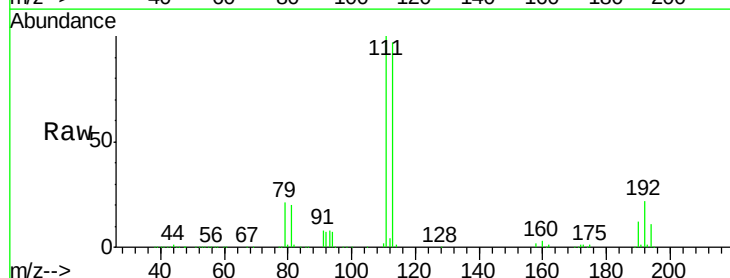
Tgt Ion:113 Resp: 206123

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

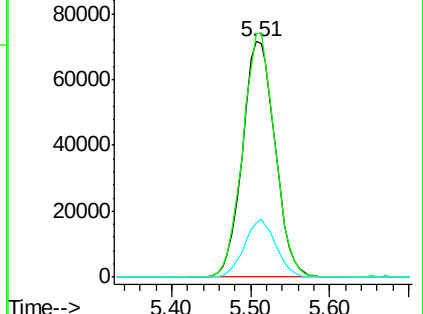
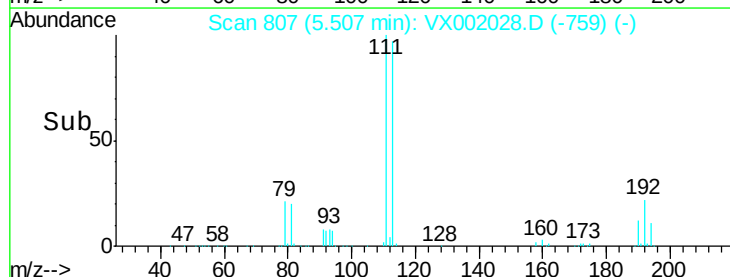
192 23.6 18.9 28.3

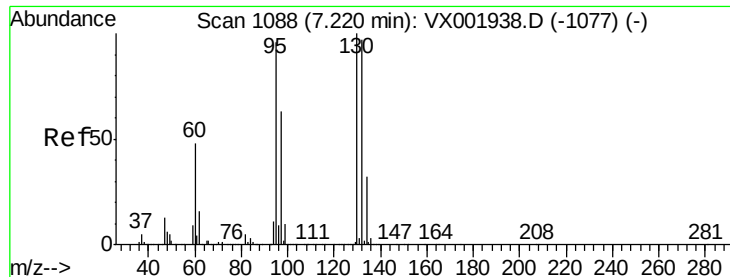


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 5.48 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002028.D

Acq: 26 May 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

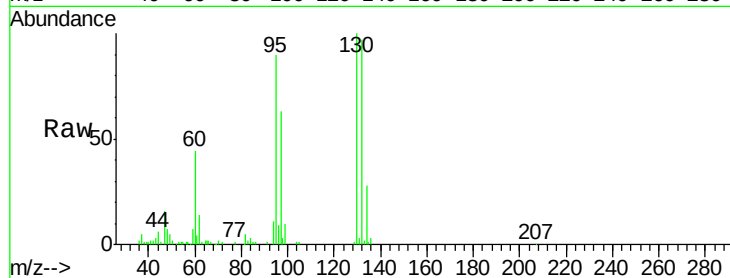
SS052MW351-180522

Tot Ion:130 Resp: 28455

Ion Ratio Lower Upper

130 100

95 89.6 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

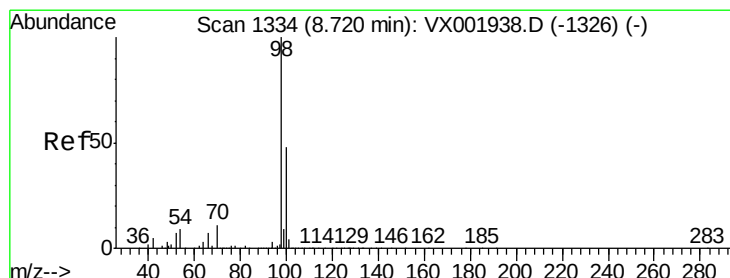
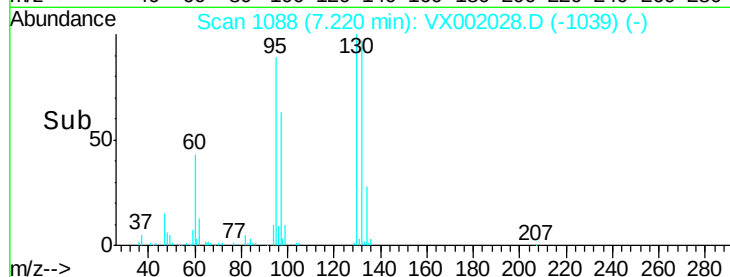
15000

10000

5000

0

Time-->



#50

Toluene-d8

Concen: 49.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002028.D

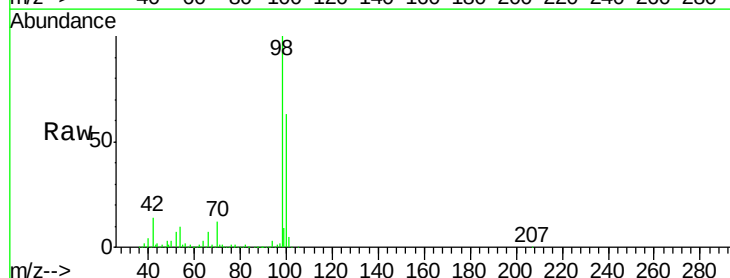
Acq: 26 May 2018 19:26

Tgt Ion: 98 Resp: 778513

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

600000

500000

400000

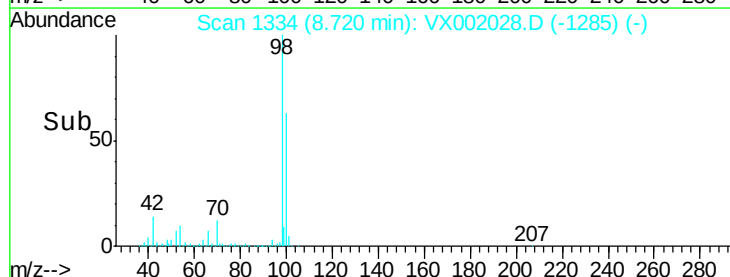
300000

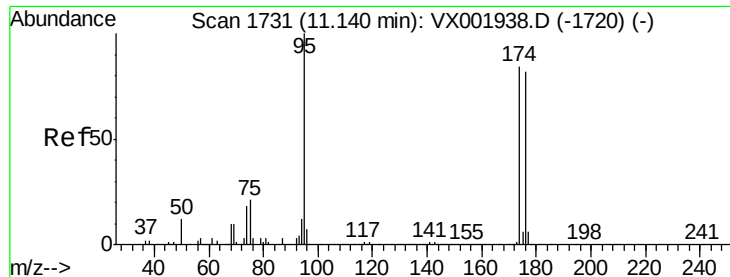
200000

100000

0

Time-->

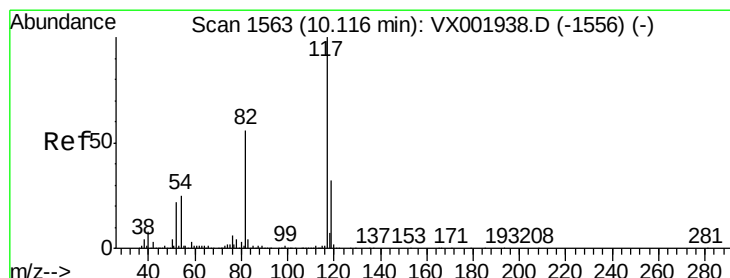
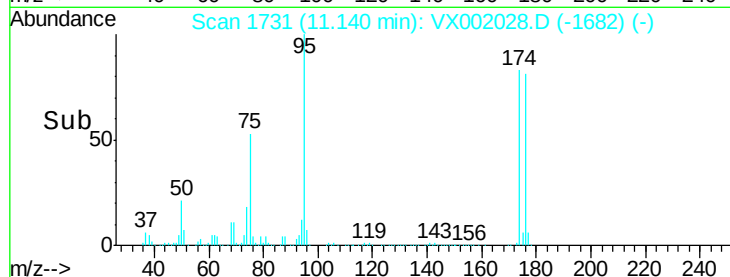
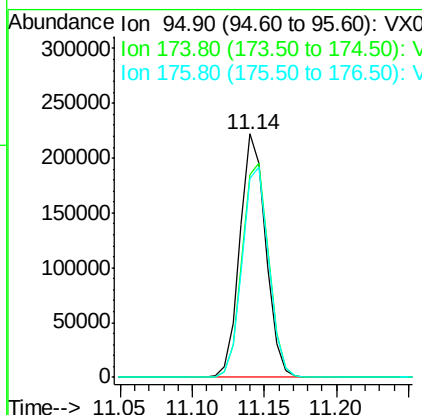
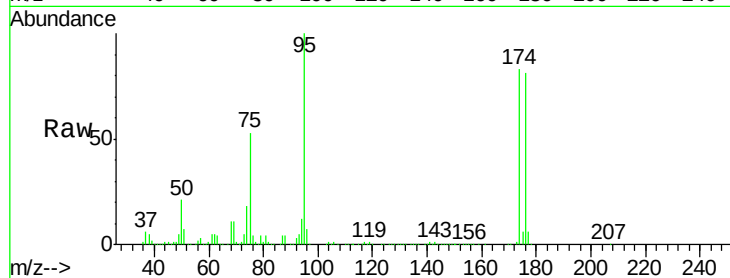




#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002028.D
Acq: 26 May 2018 19:26

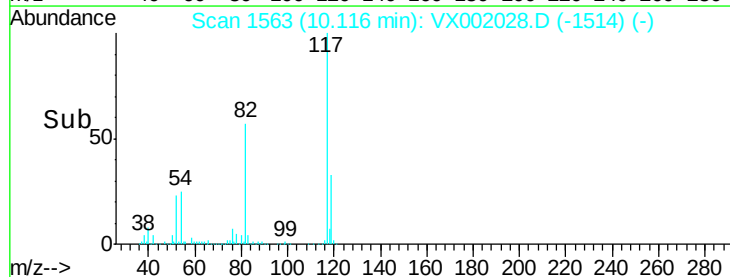
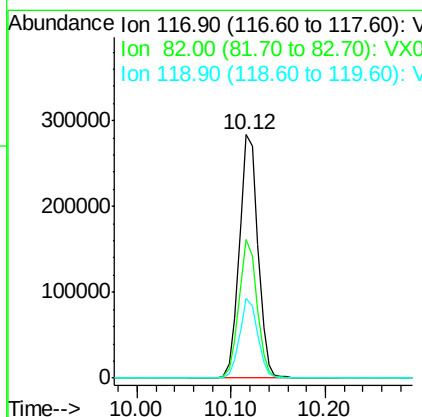
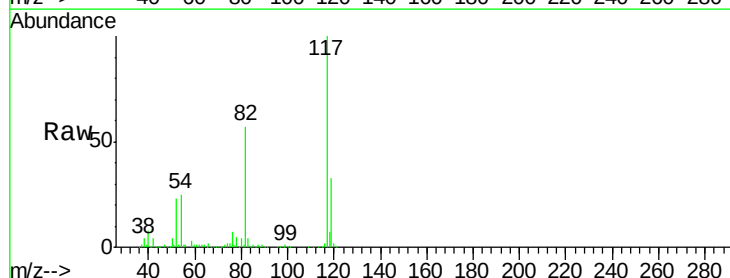
Instrument :
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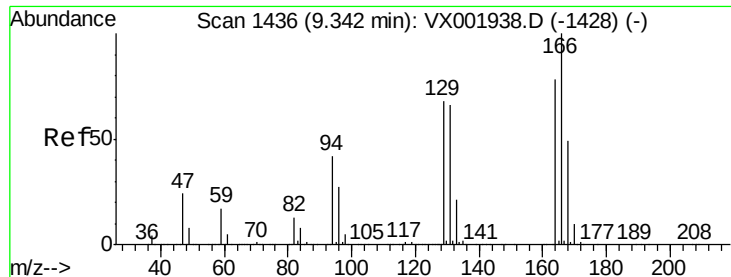
Tot Ion: 95 Resp: 277112
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.8
176 88.6 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002028.D
Acq: 26 May 2018 19:26

Tgt Ion: 117 Resp: 389406
Ion Ratio Lower Upper
117 100
82 57.1 44.8 67.2
119 32.6 25.5 38.3

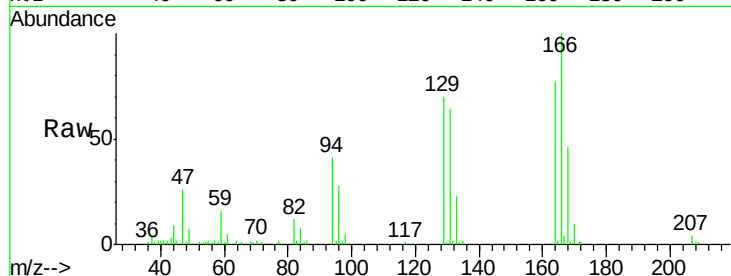




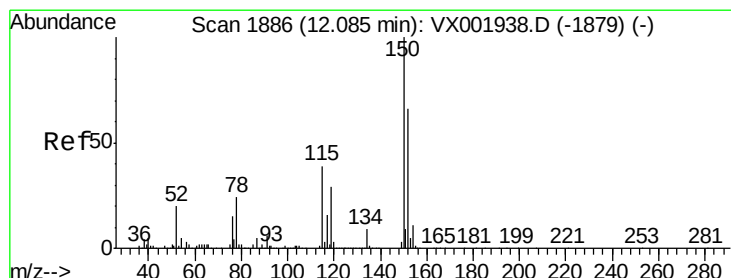
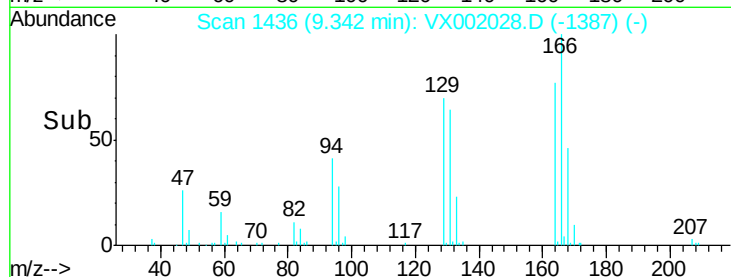
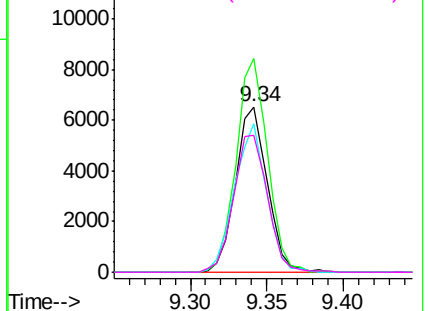
#64
Tetrachloroethene
Concen: 1.69 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002028.D
Acq: 26 May 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
SS052MW351-180522

Tot Ion:164 Resp: 9436
Ion Ratio Lower Upper
164 100
166 129.1 102.7 154.1
129 89.9 70.3 105.5
131 82.6 68.2 102.4

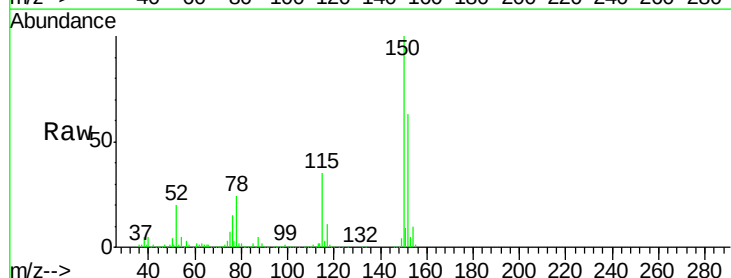


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002028.D
Acq: 26 May 2018 19:26

Tgt Ion:152 Resp: 212025
Ion Ratio Lower Upper
152 100
115 56.0 42.3 126.8
150 157.2 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

