

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002031.D
 Acq On : 26 May 2018 20:46
 Operator : JC/MD
 Sample : J3118-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW354-180522

Quant Time: May 28 03:11:58 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

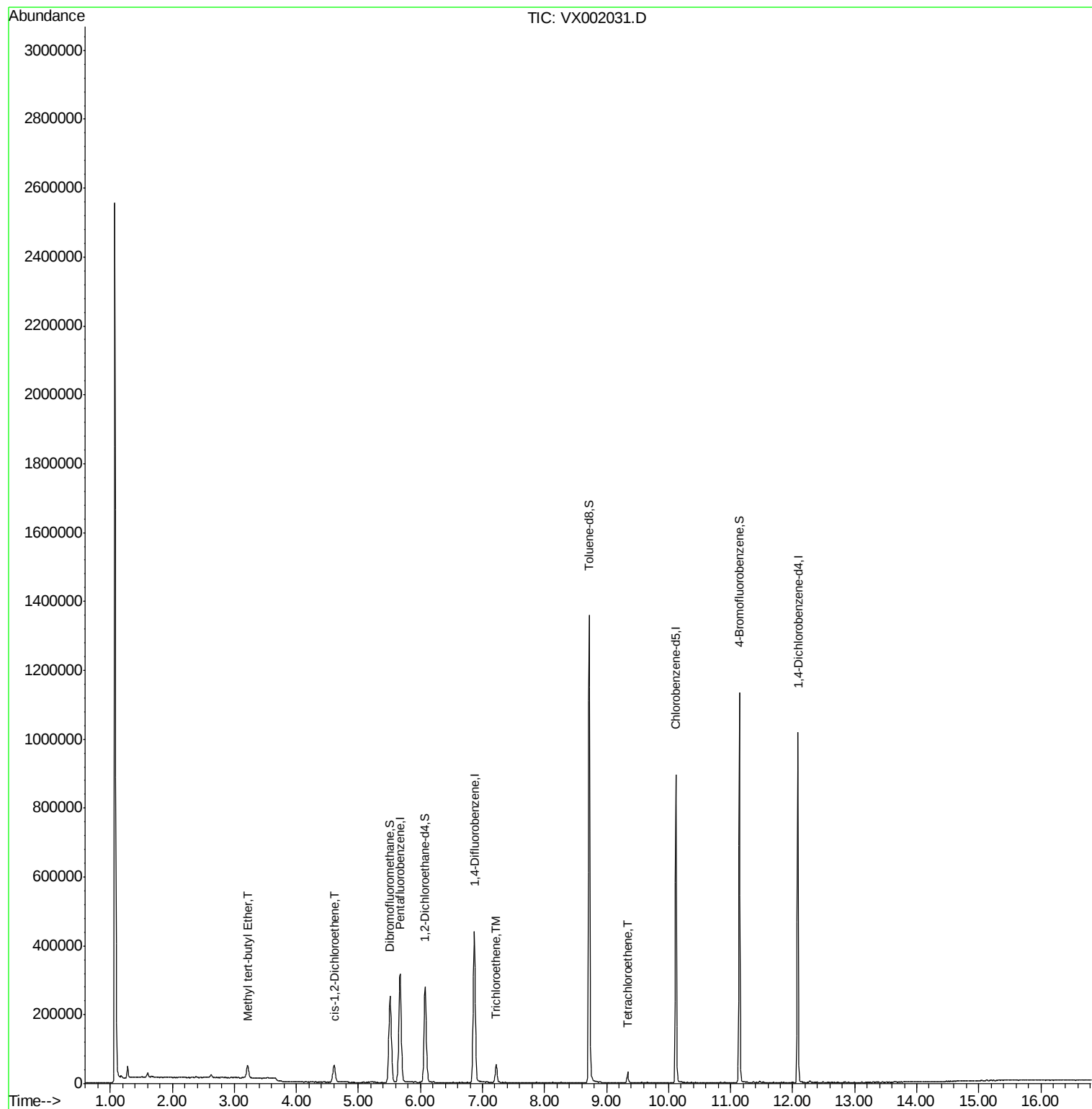
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	440619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	265509	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
35) Dibromofluoromethane	5.51	113	206134	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
50) Toluene-d8	8.72	98	778865	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.14	95	273073	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	40827	2.95	ug/l	Qvalue 100
27) cis-1,2-Dichloroethene	4.60	96	29204	6.09	ug/l	97
44) Trichloroethene	7.22	130	20426	3.90	ug/l	95
64) Tetrachloroethene	9.34	164	5483	0.99	ug/l	94

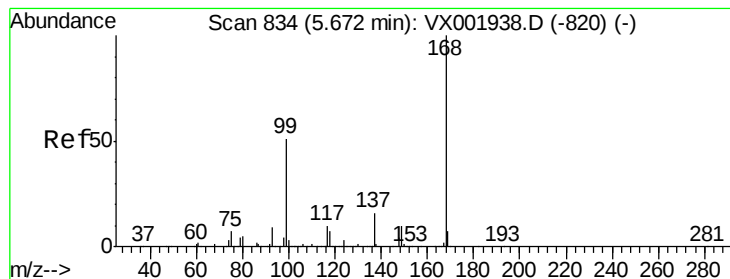
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002031.D

Acq: 26 May 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

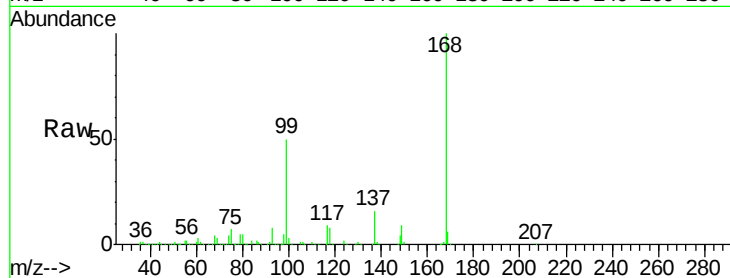
SS052MW354-180522

Tot Ion:168 Resp: 315453

Ion Ratio Lower Upper

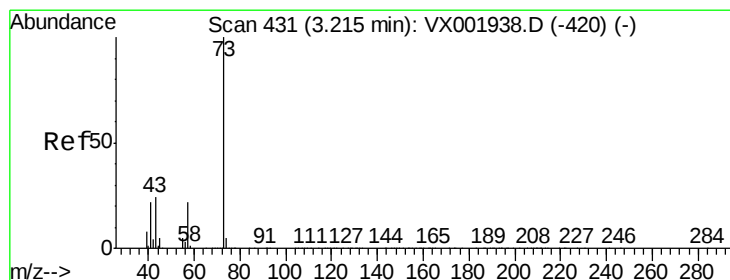
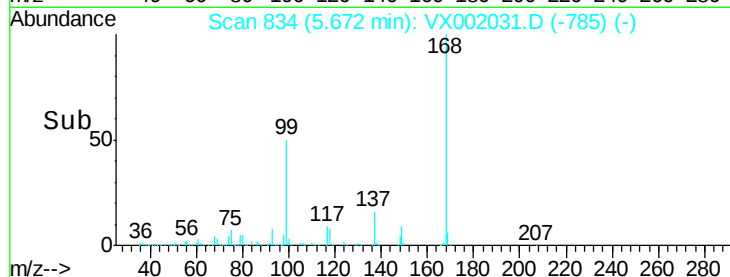
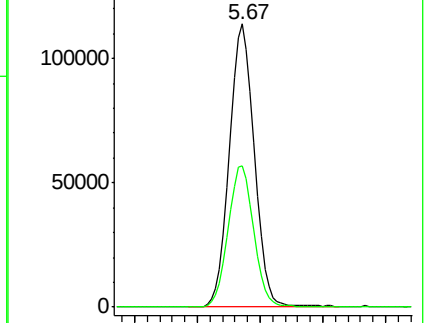
168 100

99 49.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 2.95 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX002031.D

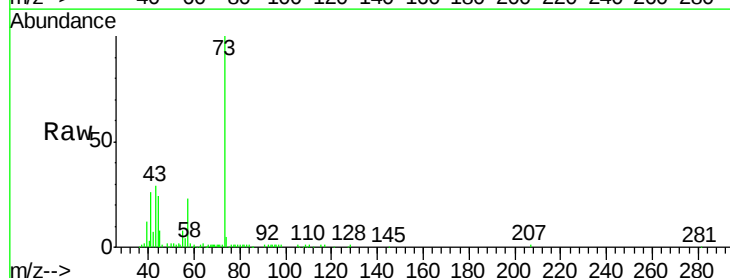
Acq: 26 May 2018 20:46

Tgt Ion: 73 Resp: 40827

Ion Ratio Lower Upper

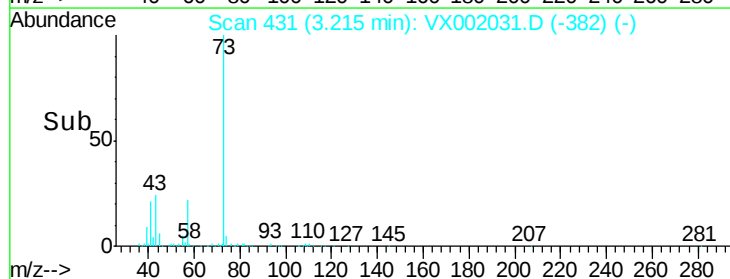
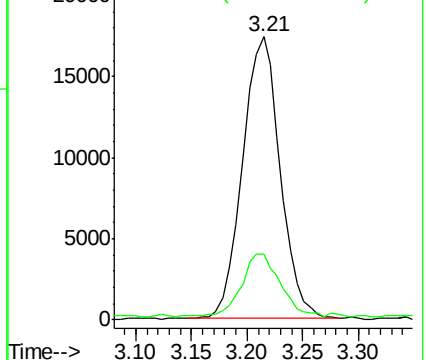
73 100

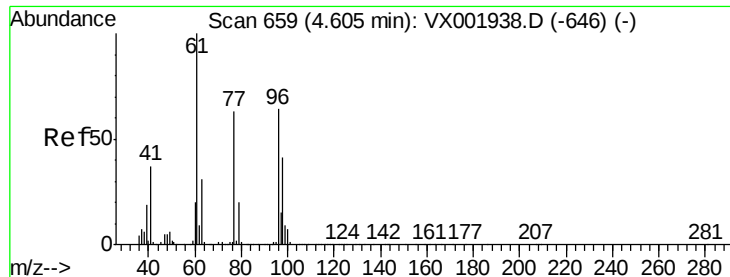
57 21.7 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 6.09 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002031.D

Acq: 26 May 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522

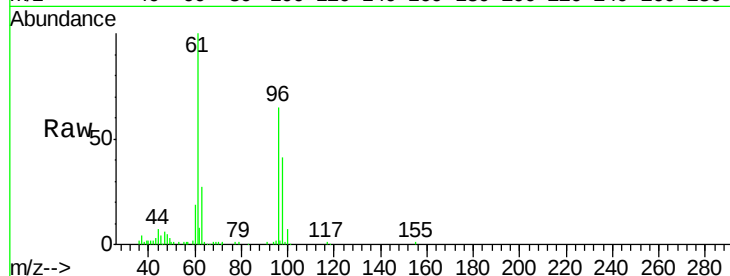
Tot Ion: 96 Resp: 29204

Ion Ratio Lower Upper

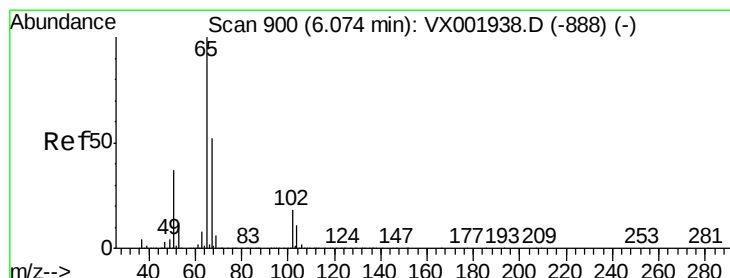
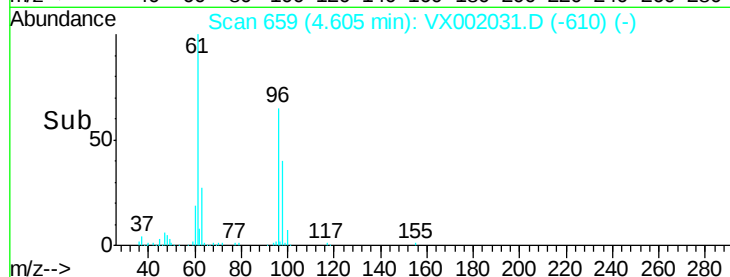
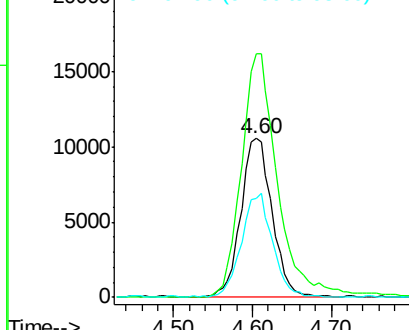
96 100

61 179.3 0.0 348.4

98 65.1 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: 47.09 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002031.D

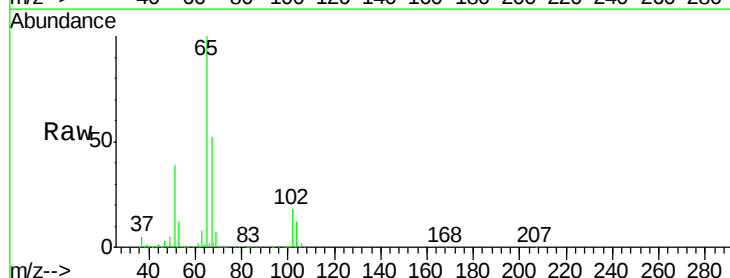
Acq: 26 May 2018 20:46

Tgt Ion: 65 Resp: 265509

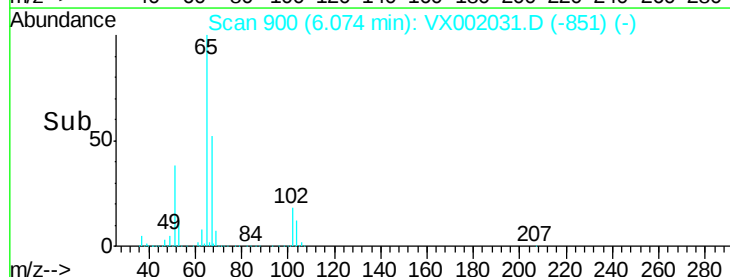
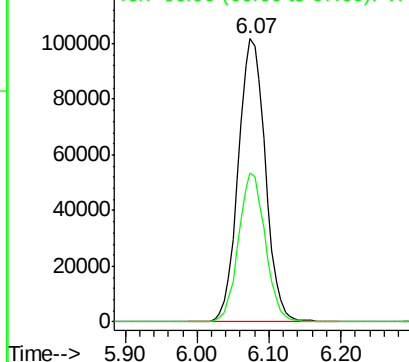
Ion Ratio Lower Upper

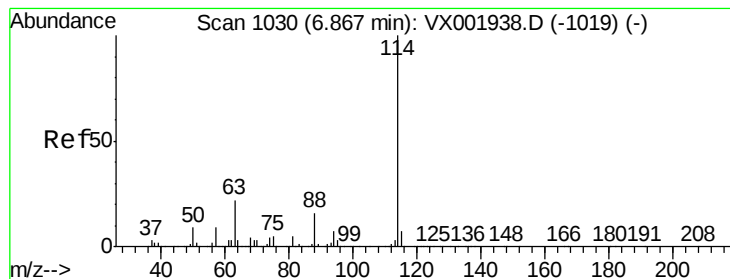
65 100

67 51.8 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: VX002031.D

Acq: 26 May 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522

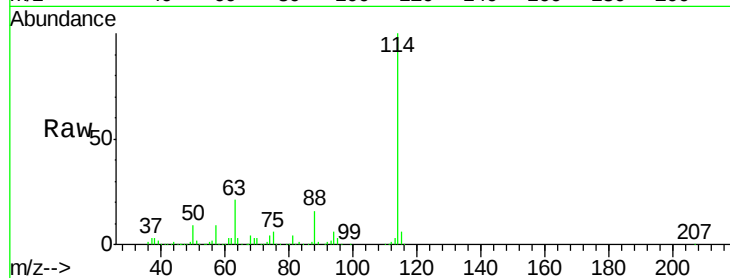
Tot Ion:114 Resp: 440619

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

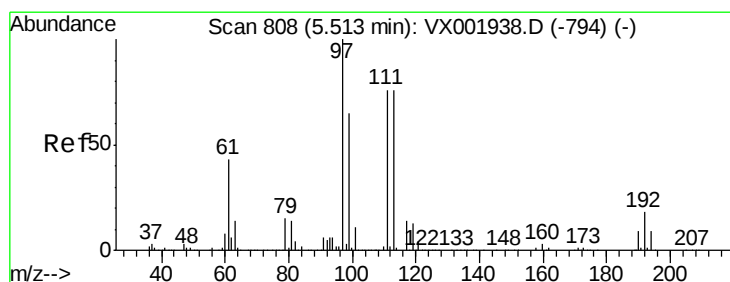
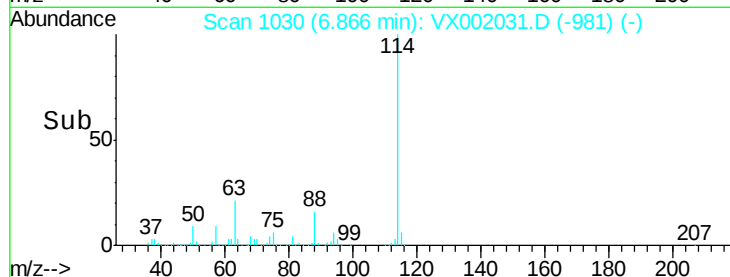
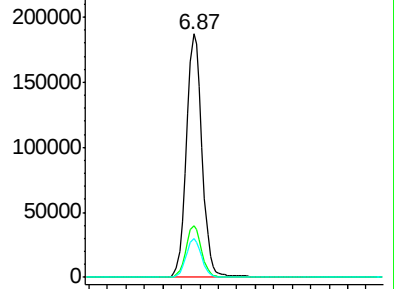
88 15.9 0.0 31.6



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: 46.78 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002031.D

Acq: 26 May 2018 20:46

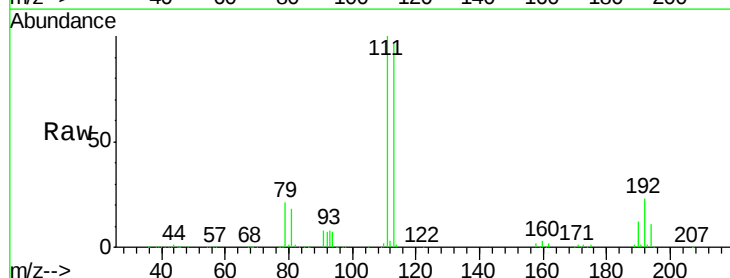
Tgt Ion:113 Resp: 206134

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

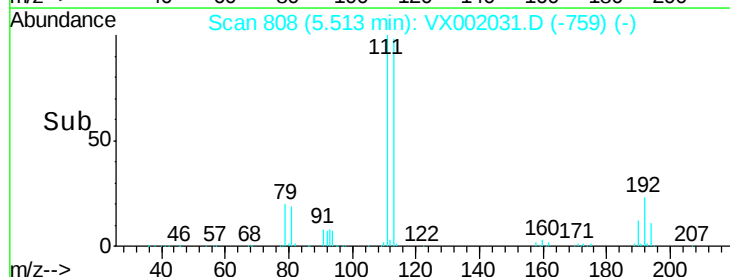
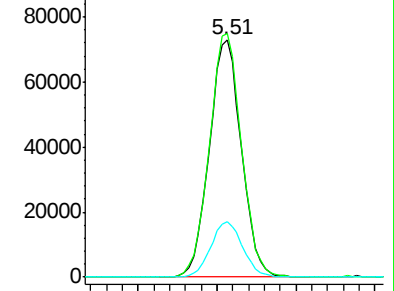
192 23.2 18.9 28.3

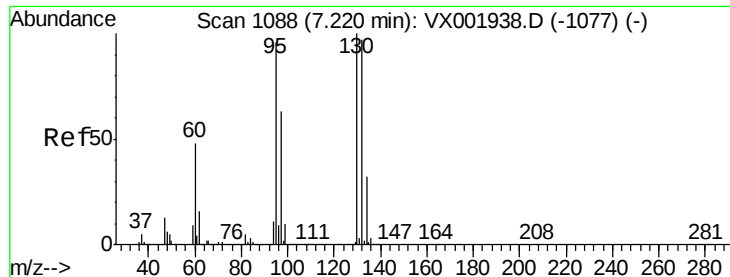


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.90 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002031.D

Acq: 26 May 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

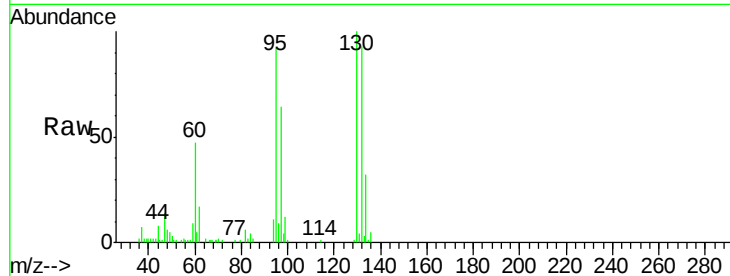
SS052MW354-180522

Tot Ion:130 Resp: 20426

Ion Ratio Lower Upper

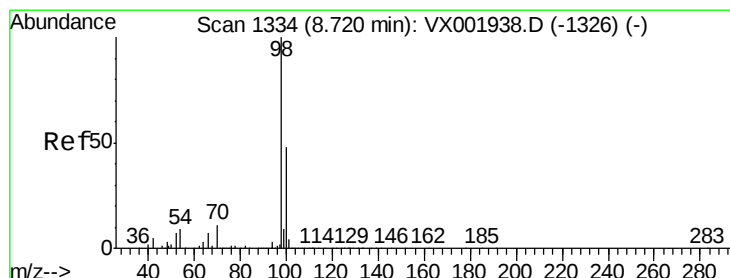
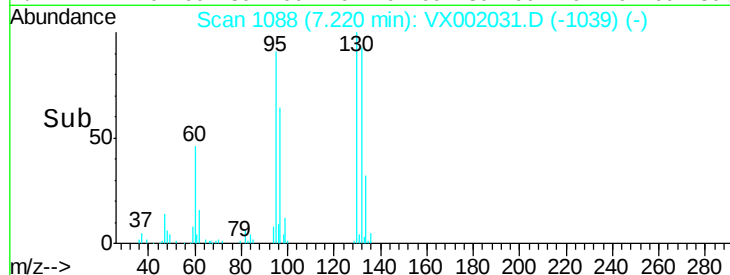
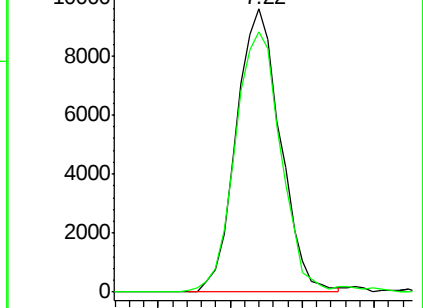
130 100

95 91.2 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.83 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002031.D

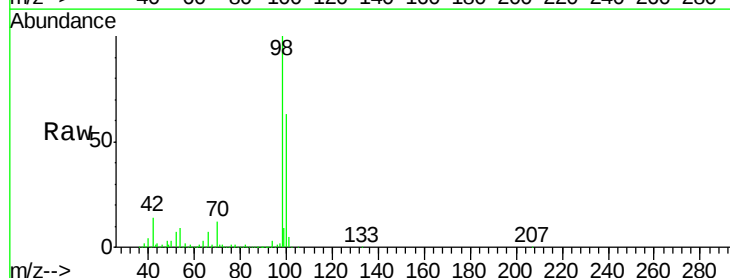
Acq: 26 May 2018 20:46

Tgt Ion: 98 Resp: 778865

Ion Ratio Lower Upper

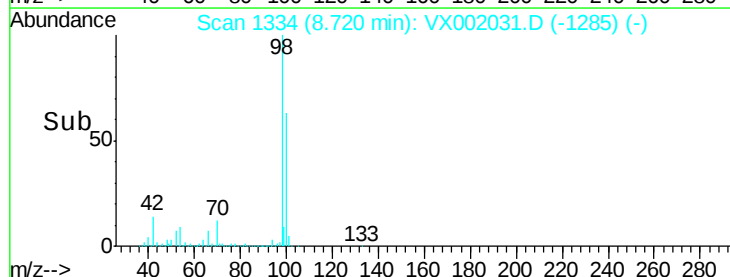
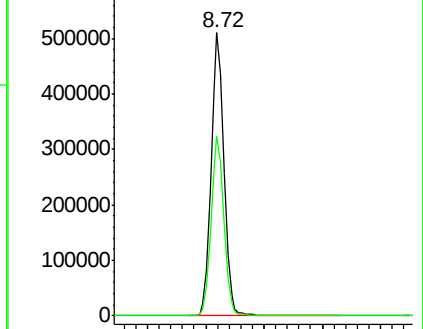
98 100

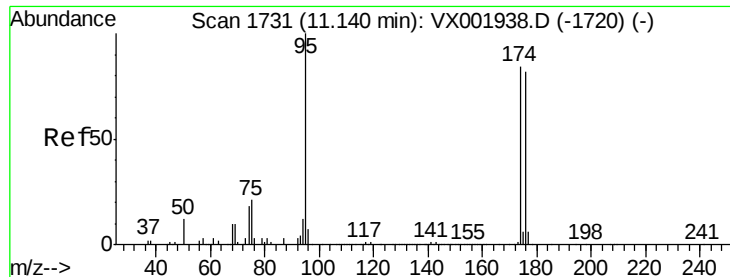
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

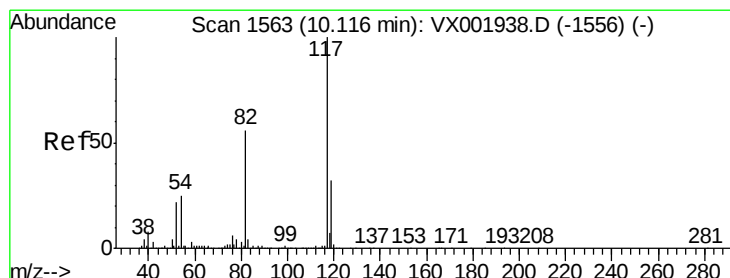
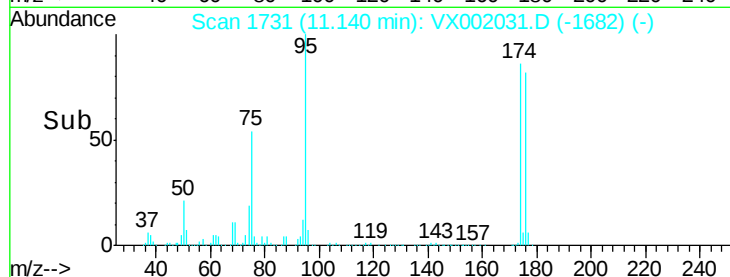
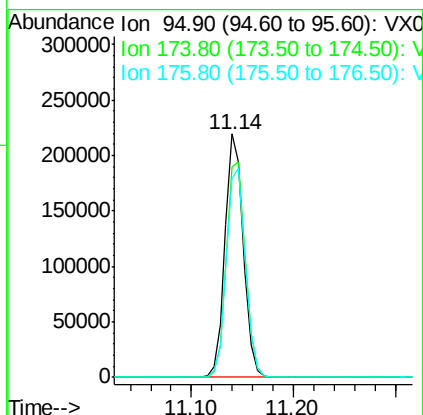
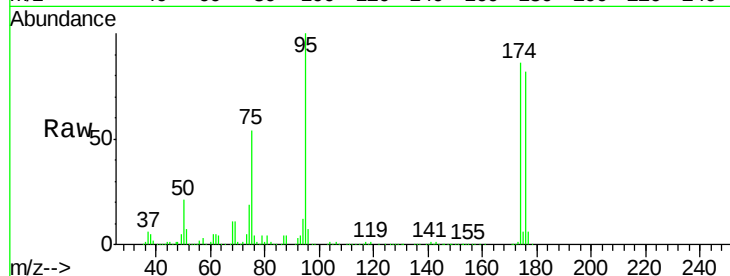




#62
4-Bromofluorobenzene
Concen: 43.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002031.D
Acq: 26 May 2018 20:46

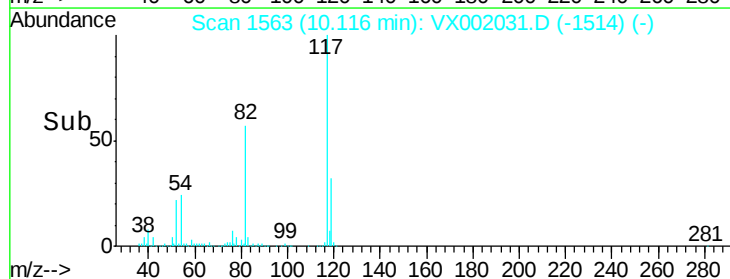
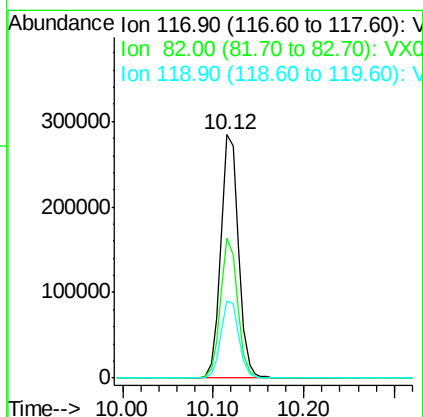
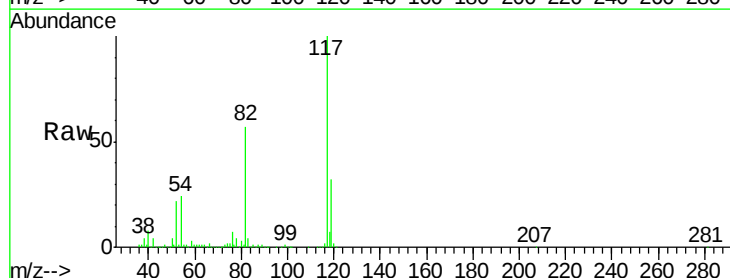
Instrument :
MSVOA_X
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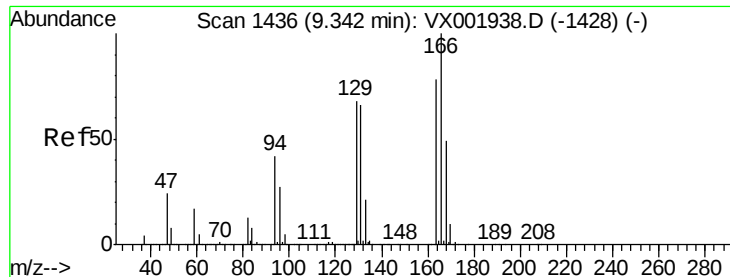
Tot Ion: 95 Resp: 273073
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.8
176 88.7 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002031.D
Acq: 26 May 2018 20:46

Tgt Ion: 117 Resp: 387053
Ion Ratio Lower Upper
117 100
82 57.5 44.8 67.2
119 31.8 25.5 38.3





#64

Tetrachloroethene

Concen: 0.99 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002031.D

Acq: 26 May 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

SS052MW354-180522

Tot Ion:164 Resp: 5483

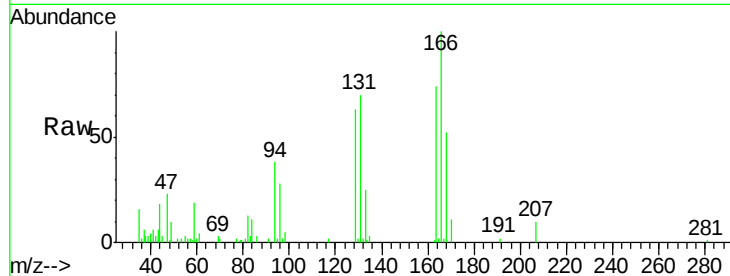
Ion Ratio Lower Upper

164 100

166 135.6 102.7 154.1

129 85.3 70.3 105.5

131 94.9 68.2 102.4

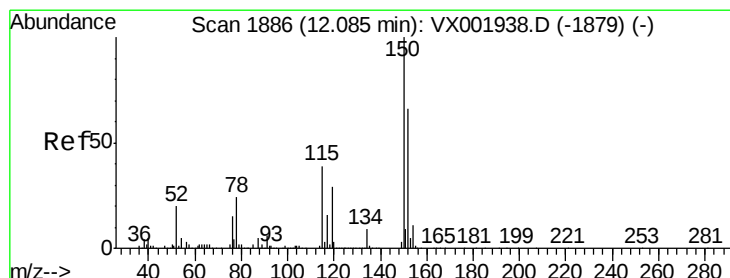
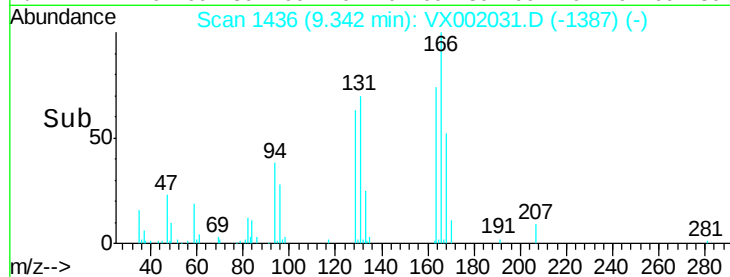
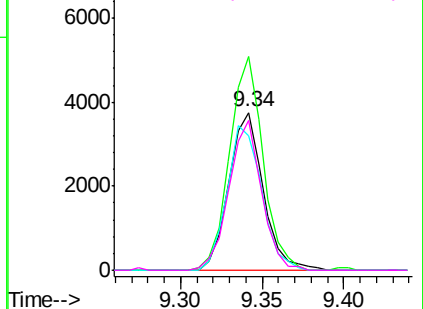


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002031.D

Acq: 26 May 2018 20:46

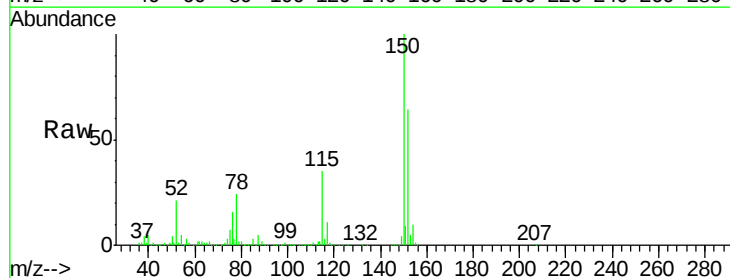
Tgt Ion:152 Resp: 206853

Ion Ratio Lower Upper

152 100

115 55.7 42.3 126.8

150 156.2 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

