

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002586.D
 Acq On : 15 Jun 2018 07:21
 Operator : JC/MD
 Sample : J3239-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-06-061318-C

Quant Time: Jun 15 08:13:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

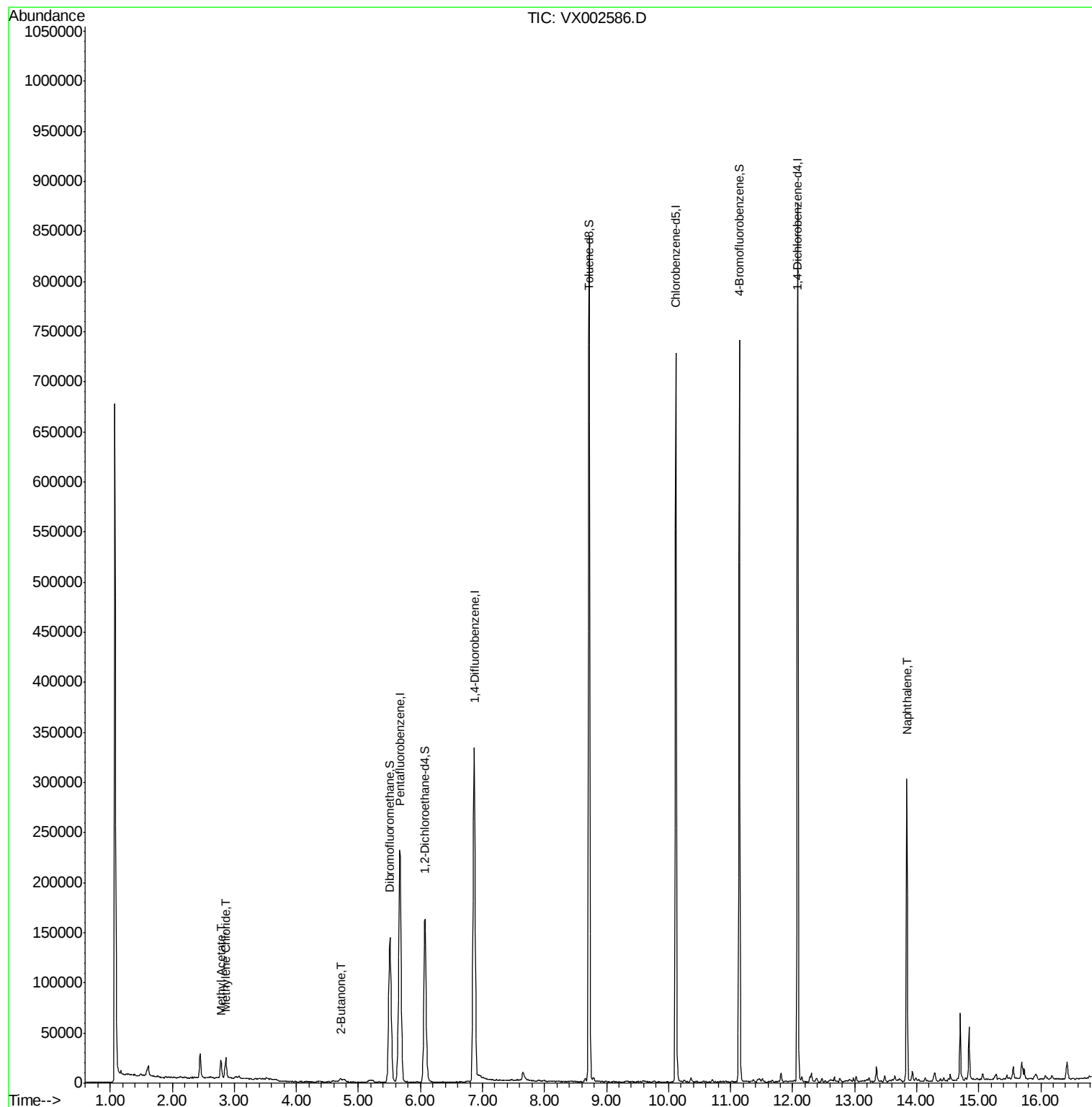
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156107	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	5.51	113	117797	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
50) Toluene-d8	8.72	98	478143	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.14	95	170526	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						
18) Methyl Acetate	2.78	43	21909	4.280	ug/l	95
20) Methylene Chloride	2.86	84	8917	0.758	ug/l	96
25) 2-Butanone	4.71	43	6409	2.884	ug/l	99
95) Naphthalene	13.84	128	181279	13.870	ug/l	100

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

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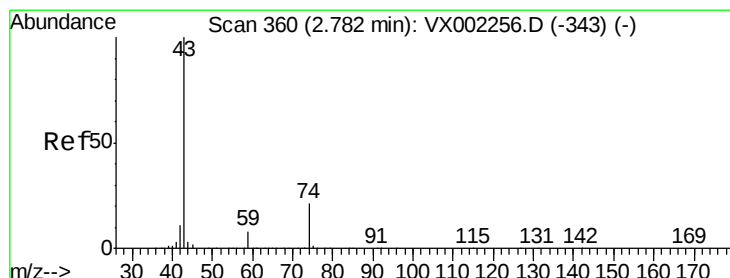
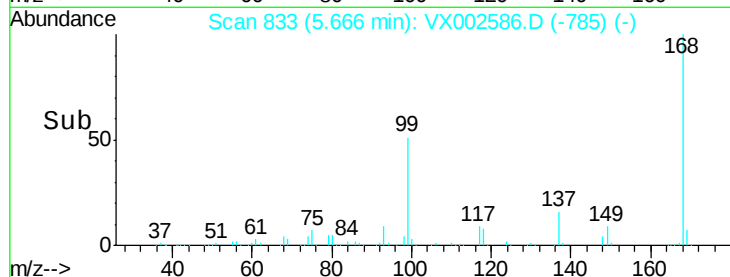
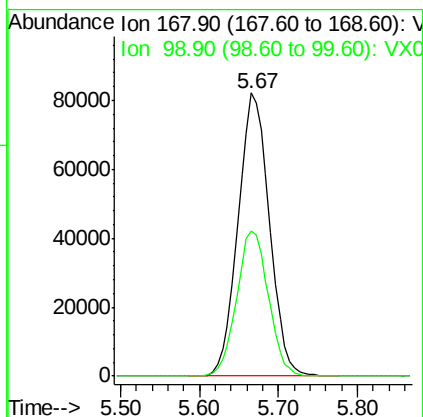
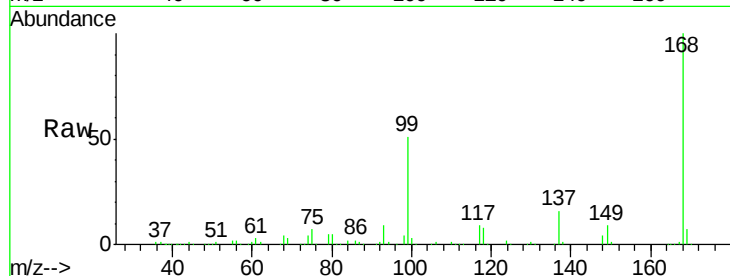




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002586.D
Acq: 15 Jun 2018 07:21

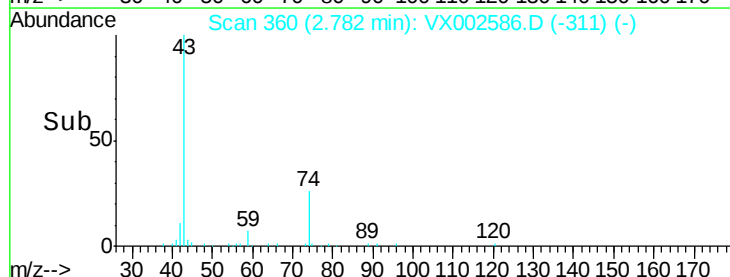
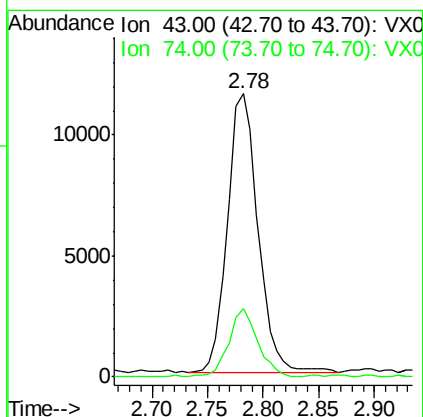
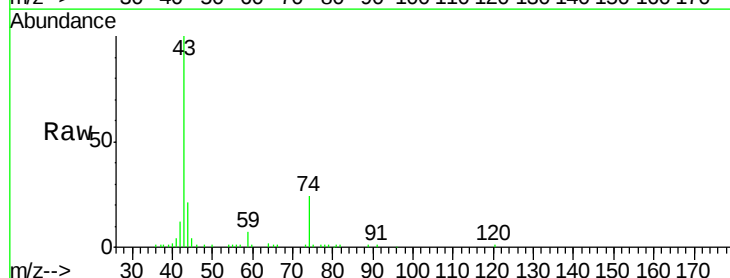
Instrument :
MSVOA_X
ClientSampleId :
AU-06-061318-C

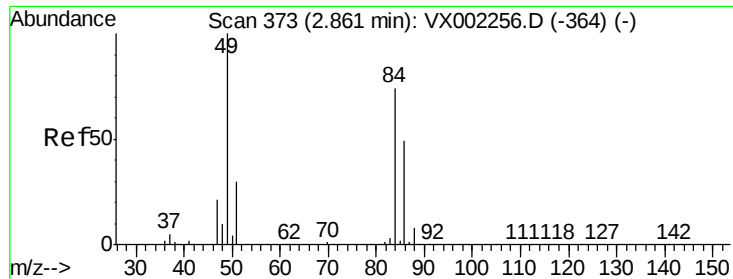
Tot Ion:168 Resp: 226630
Ion Ratio Lower Upper
168 100
99 51.0 39.3 58.9



#18
Methyl Acetate
Concen: 4.280 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002586.D
Acq: 15 Jun 2018 07:21

Tgt Ion: 43 Resp: 21909
Ion Ratio Lower Upper
43 100
74 23.3 16.7 25.1

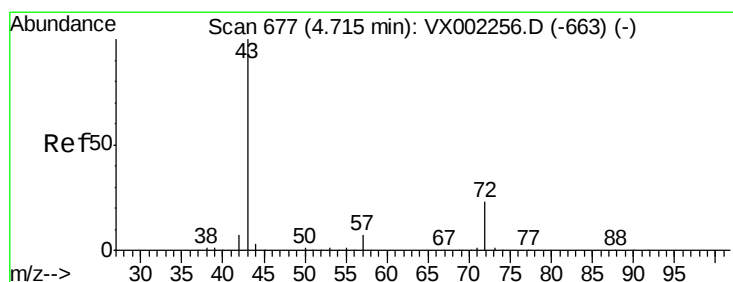
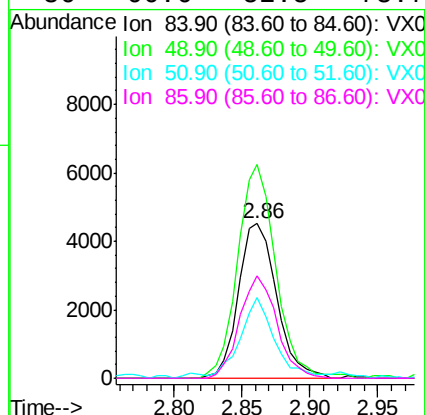
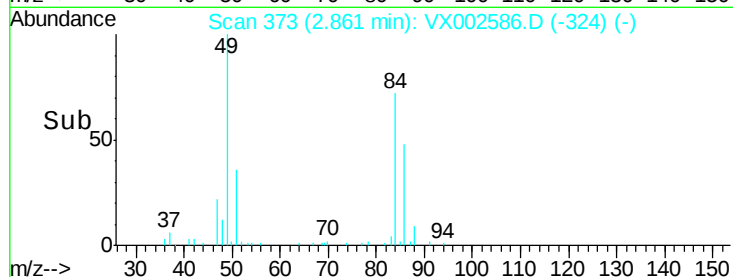
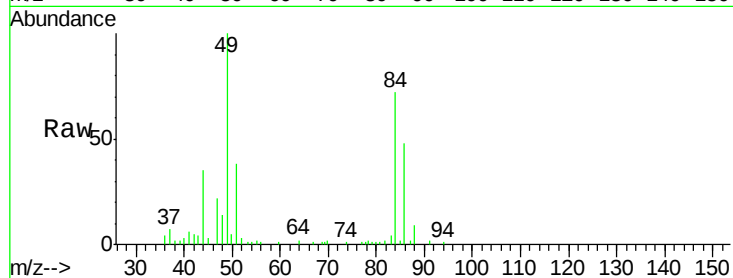




#20
Methvlene Chloride
Concen: 0.758 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002586.D
Acq: 15 Jun 2018 07:21

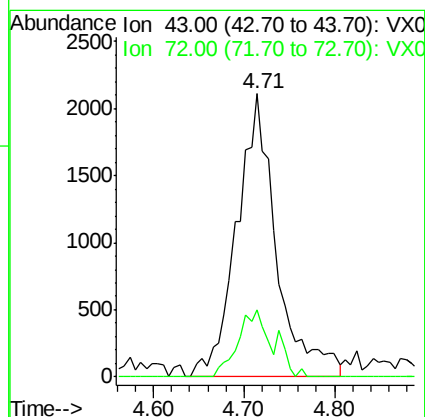
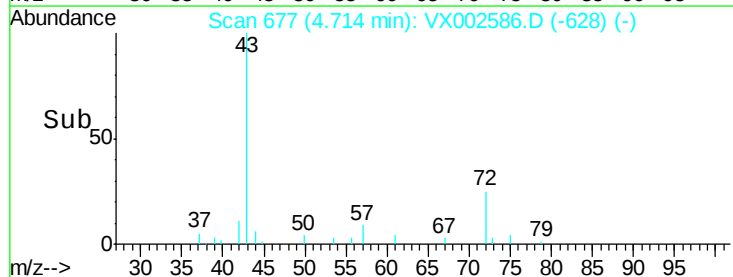
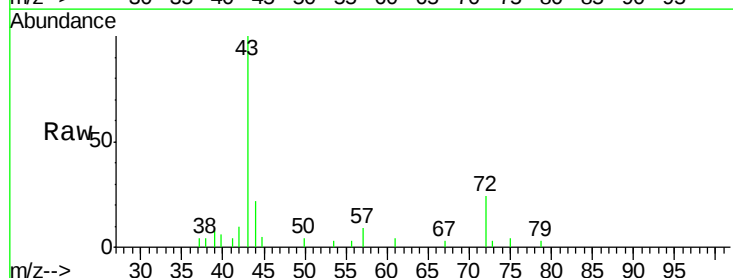
Instrument :
MSVOA_X
ClientSampleId :
AU-06-061318-C

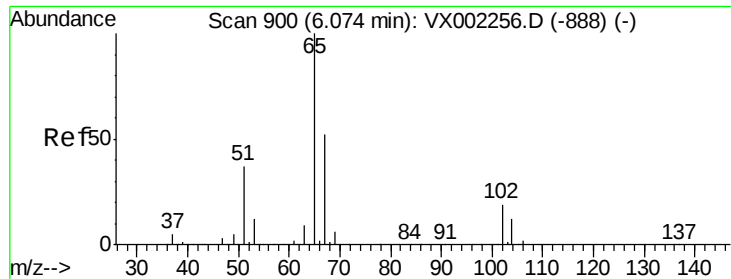
Tot Ion: 84 Resp: 8917
Ion Ratio Lower Upper
84 100
49 138.1 107.8 161.6
51 48.9 32.8 49.2
86 66.6 52.5 78.7



#25
2-Butanone
Concen: 2.884 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002586.D
Acq: 15 Jun 2018 07:21

Tgt Ion: 43 Resp: 6409
Ion Ratio Lower Upper
43 100
72 23.7 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 48.033 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002586.D

Acq: 15 Jun 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

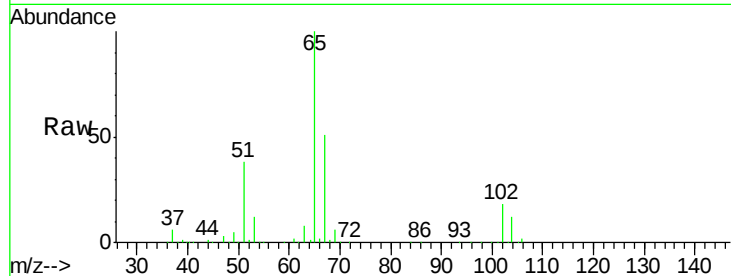
AU-06-061318-C

Tot Ion: 65 Resp: 156107

Ion Ratio Lower Upper

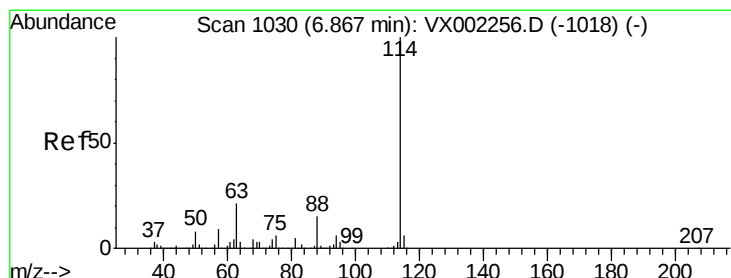
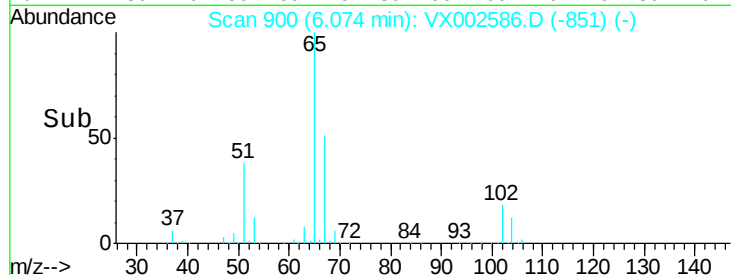
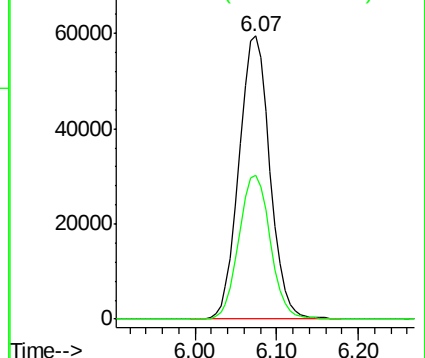
65 100

67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002586.D

Acq: 15 Jun 2018 07:21

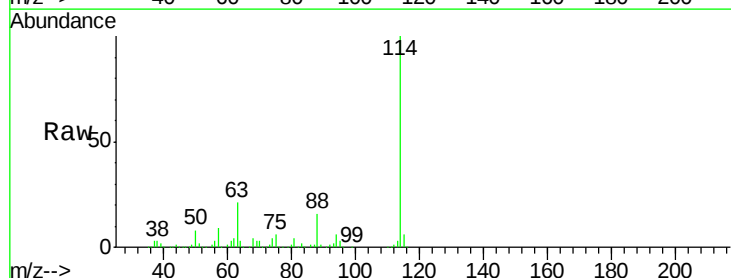
Tgt Ion: 114 Resp: 330163

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

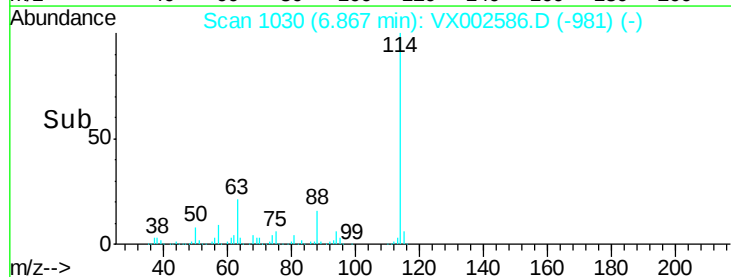
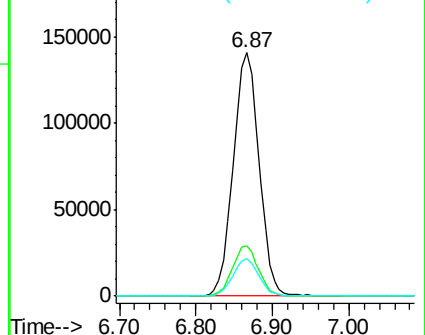
88 15.6 0.0 30.0

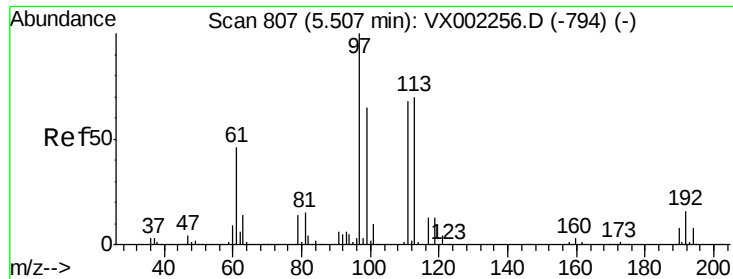


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.369 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002586.D

Acq: 15 Jun 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

AU-06-061318-C

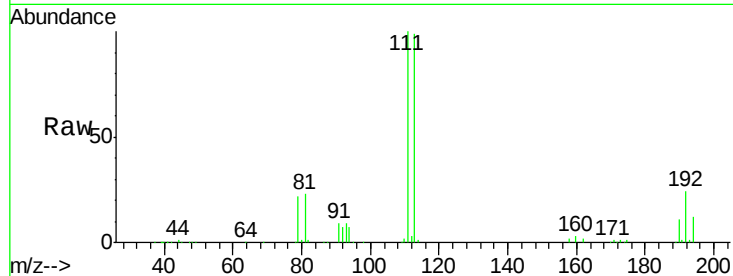
Tot Ion:113 Resp: 117797

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

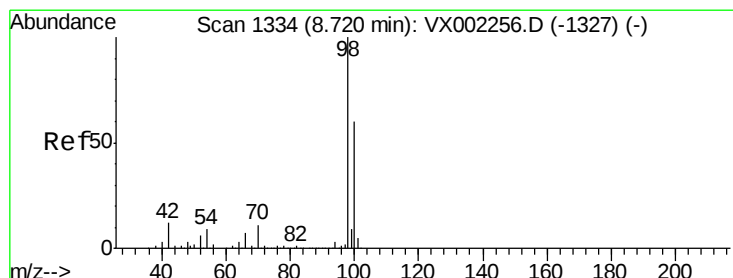
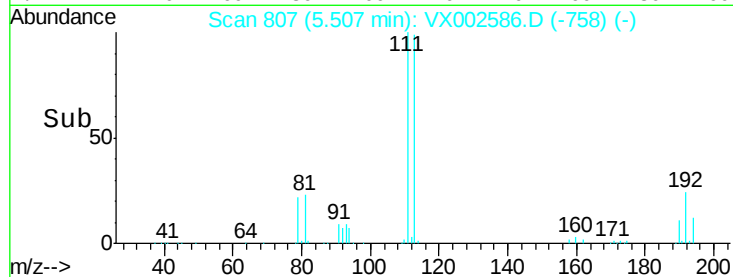
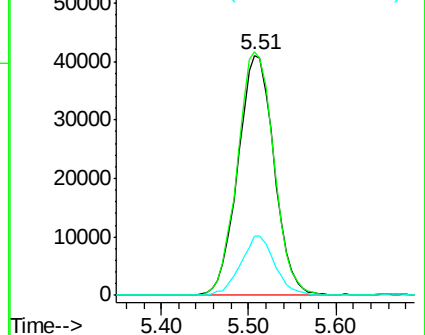
192 23.4 19.1 28.7



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



#50

Toluene-d8

Concen: 48.045 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002586.D

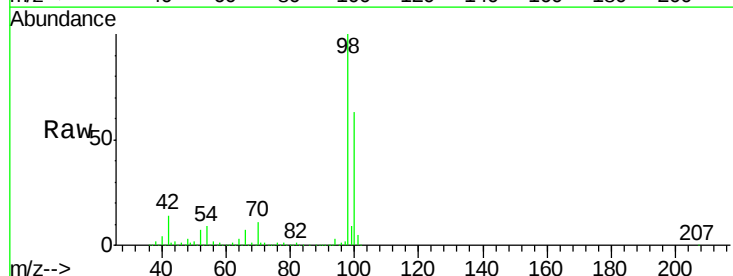
Acq: 15 Jun 2018 07:21

Tgt Ion: 98 Resp: 478143

Ion Ratio Lower Upper

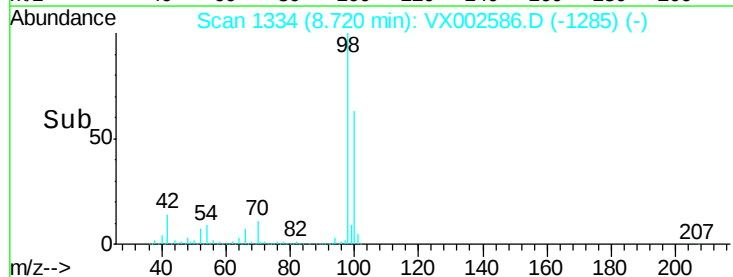
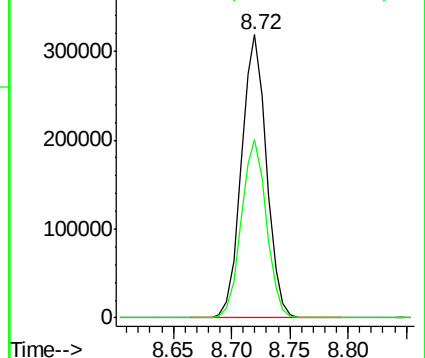
98 100

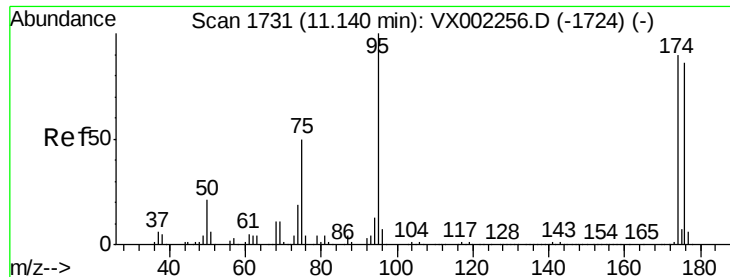
100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

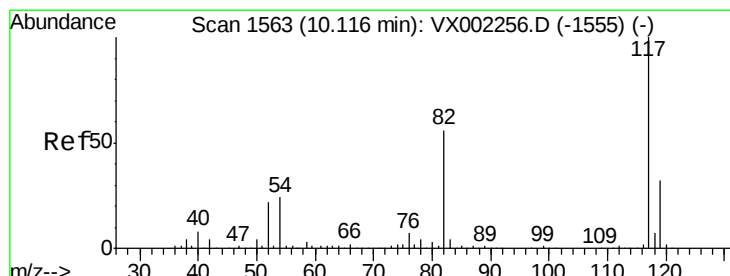
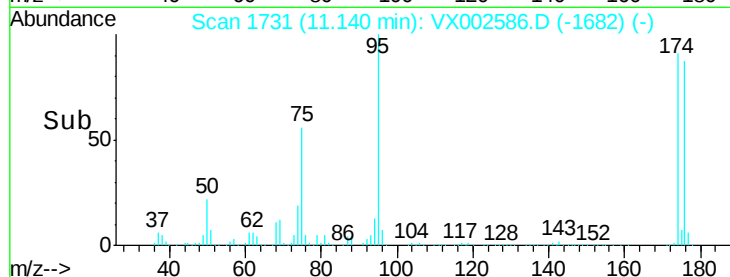
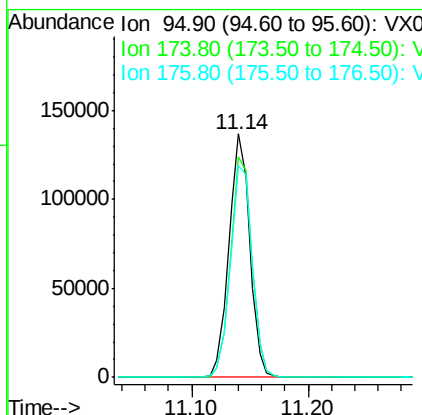
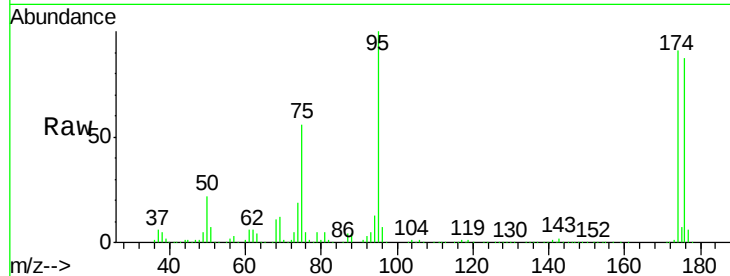




#62
4-Bromofluorobenzene
Concen: 44.435 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002586.D
Acq: 15 Jun 2018 07:21

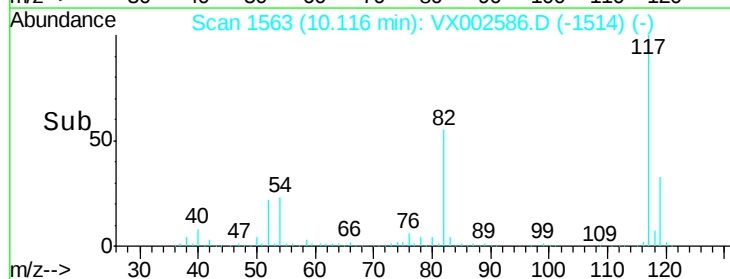
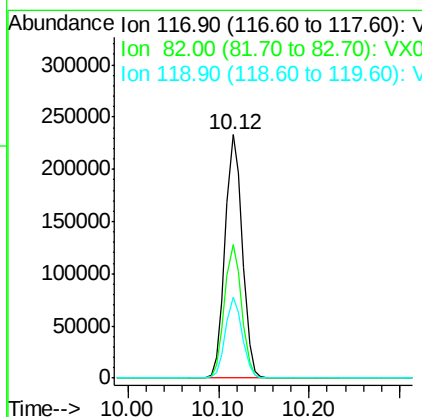
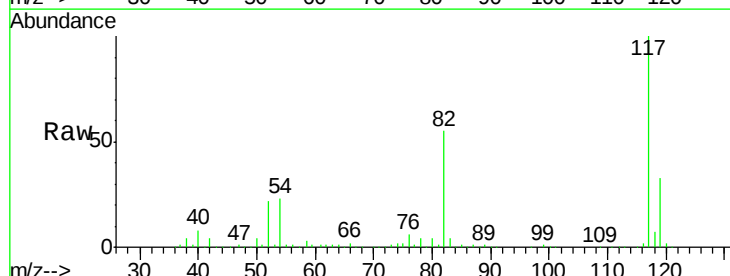
Instrument :
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ClientSampleId :
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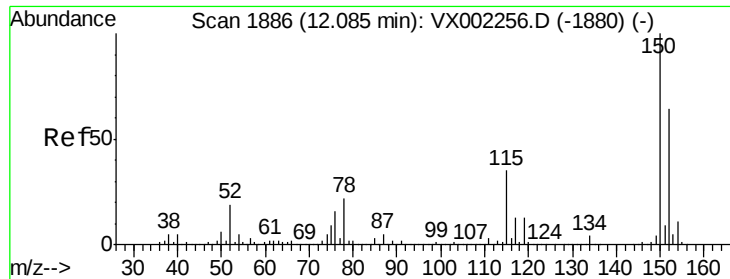
Tot Ion: 95 Resp: 170526
Ion Ratio Lower Upper
95 100
174 93.6 0.0 187.4
176 91.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002586.D
Acq: 15 Jun 2018 07:21

Tgt Ion: 117 Resp: 308717
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 33.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002586.D

Acq: 15 Jun 2018 07:21

Instrument :

MSVOA_X

ClientSampleId :

AU-06-061318-C

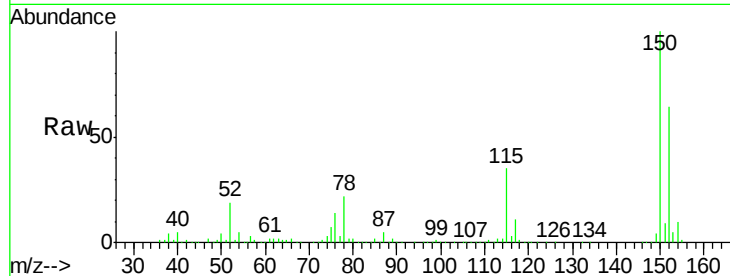
Tot Ion:152 Resp: 179558

Ion Ratio Lower Upper

152 100

115 56.3 40.1 120.2

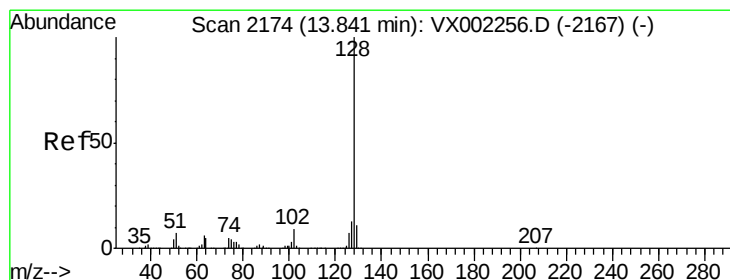
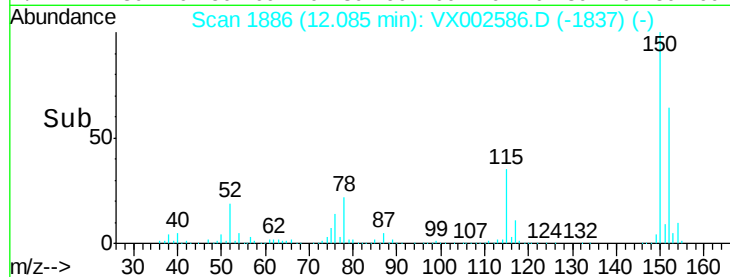
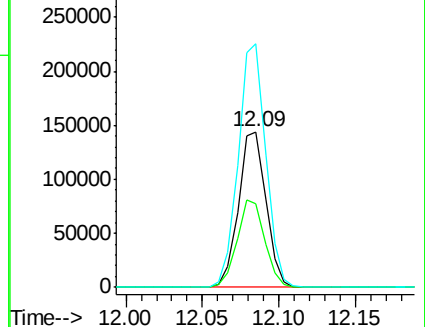
150 156.4 0.0 347.2



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



#95

Naphthalene

Concen: 13.870 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002586.D

Acq: 15 Jun 2018 07:21

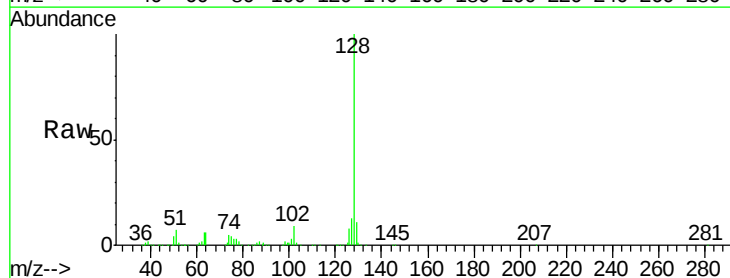
Tgt Ion:128 Resp: 181279

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

