

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000462.D
 Acq On : 27 Mar 2018 16:56
 Operator : JC/MD
 Sample : J2071-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-MH-D-S

Quant Time: Mar 28 07:30:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

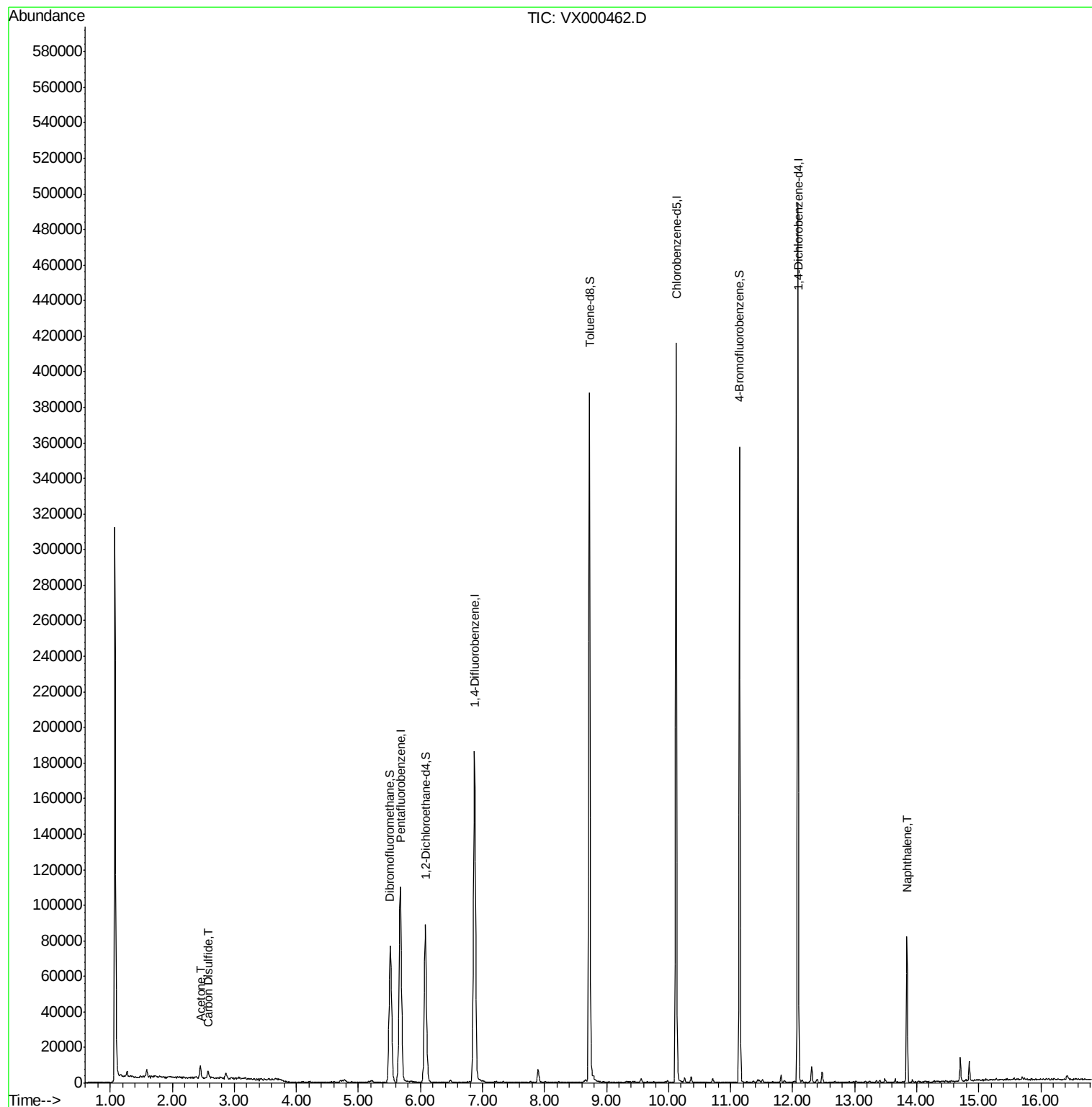
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	104554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	90035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	78049	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.38%	
35) Dibromofluoromethane	5.51	113	60236	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	8.73	98	231246	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.15	95	77400	39.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.24%	
Target Compounds						
16) Acetone	2.45	43	8025	7.07	ug/l	93
17) Carbon Disulfide	2.57	76	5073	1.70	ug/l #	87
95) Naphthalene	13.84	128	45971	6.25	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampled :

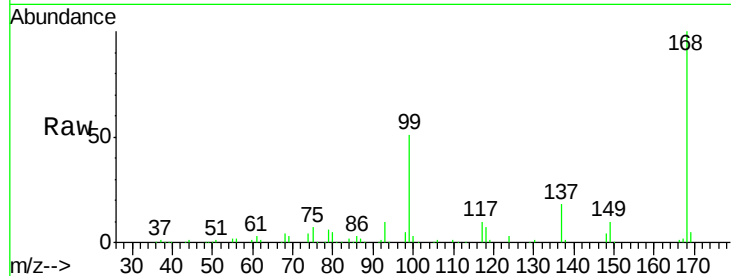
TP-1-MH-D-S

Tot Ion:168 Resp: 104554

Ion Ratio Lower Upper

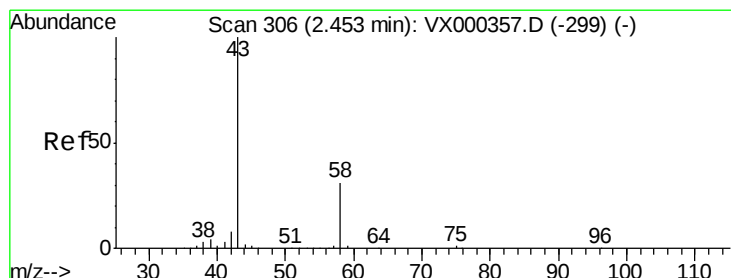
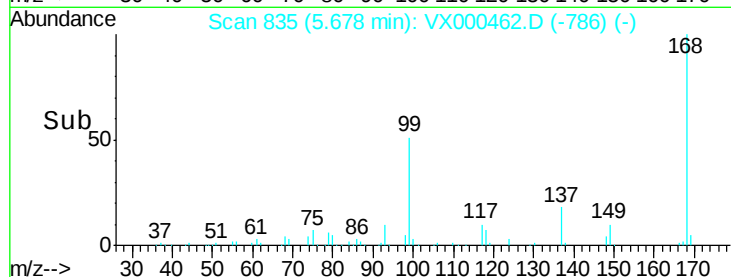
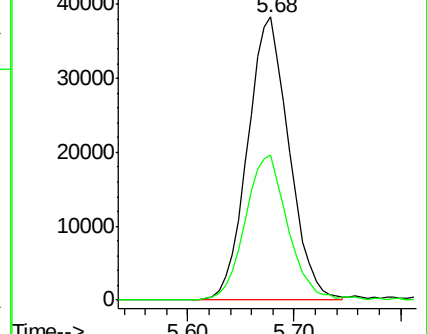
168 100

99 51.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.07 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000462.D

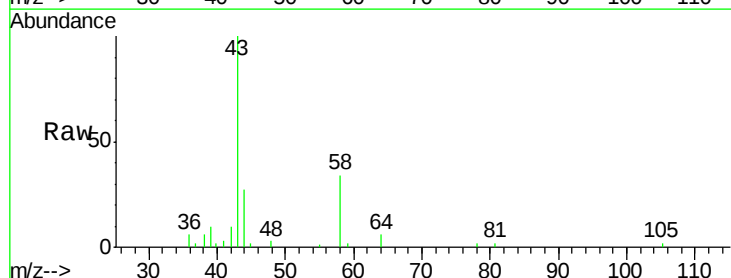
Acq: 27 Mar 2018 16:56

Tgt Ion: 43 Resp: 8025

Ion Ratio Lower Upper

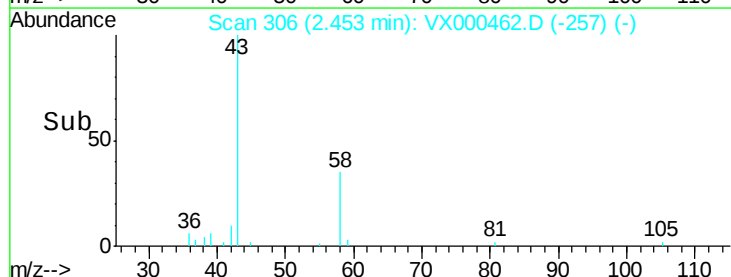
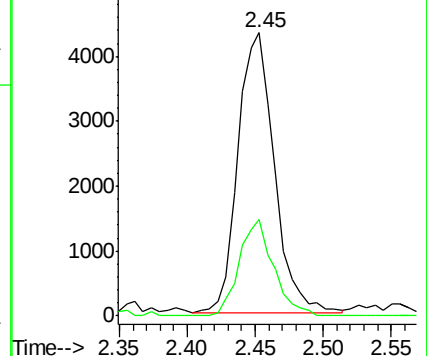
43 100

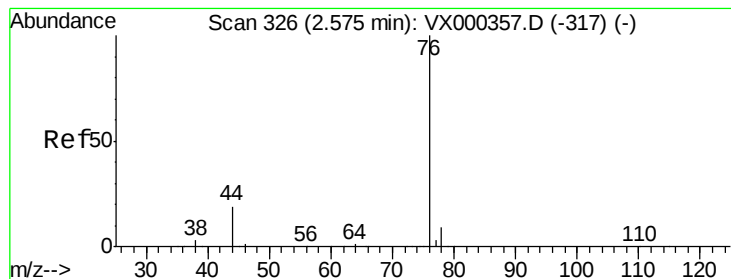
58 34.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.70 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

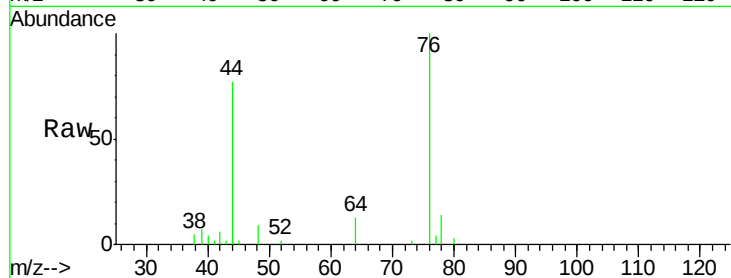
TP-1-MH-D-S

Tot Ion: 76 Resp: 5073

Ion Ratio Lower Upper

76 100

78 13.6 7.0 10.6#

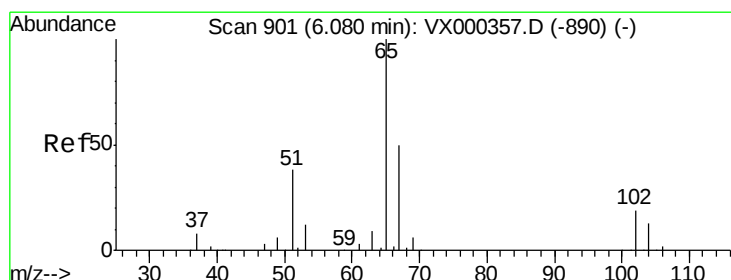
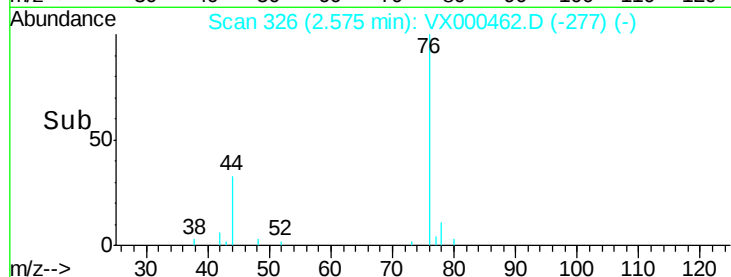


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.19 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000462.D

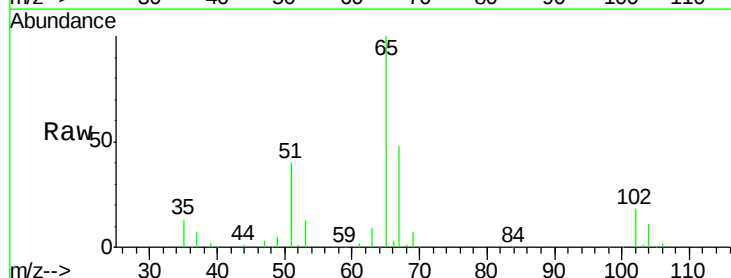
Acq: 27 Mar 2018 16:56

Tgt Ion: 65 Resp: 78049

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.2

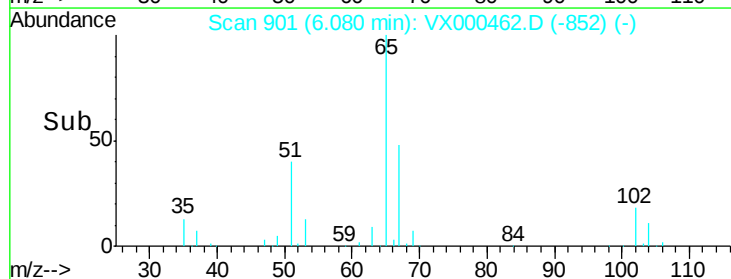


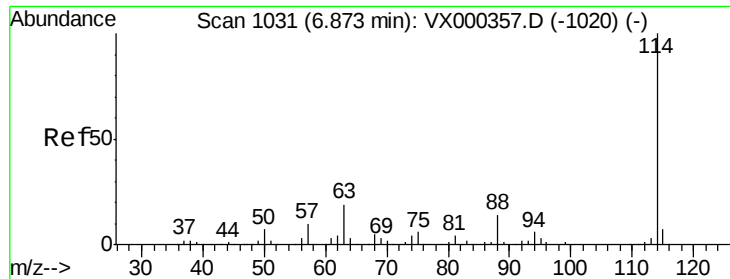
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

Time-->

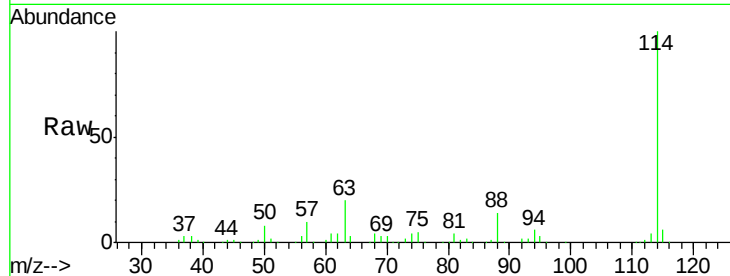




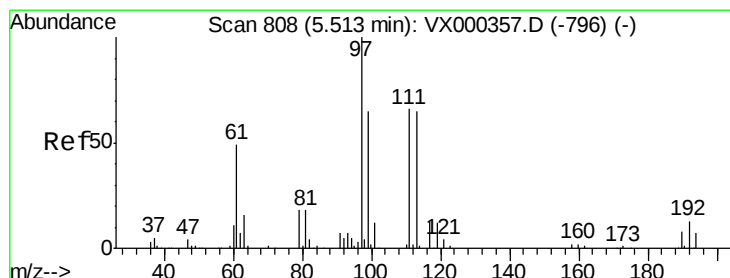
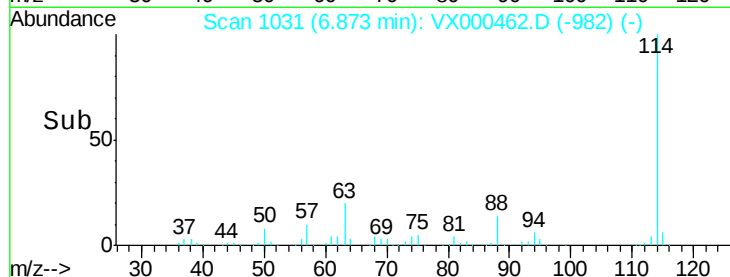
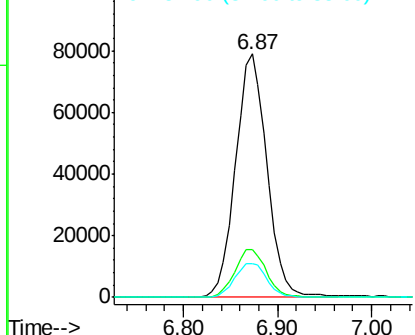
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000462.D
 Acq: 27 Mar 2018 16:56

Instrument :
 MSVOA_X
 ClientSampleID :
 TP-1-MH-D-S

Tot Ion:114 Resp: 183949
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 13.6 0.0 27.0

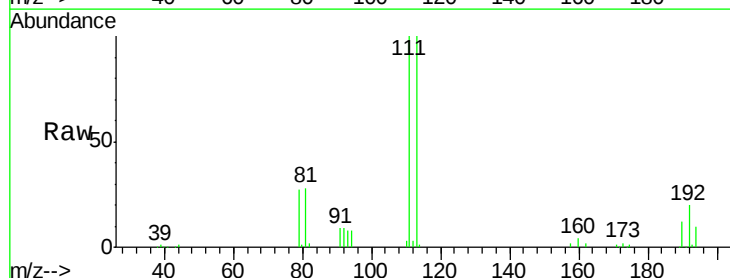


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

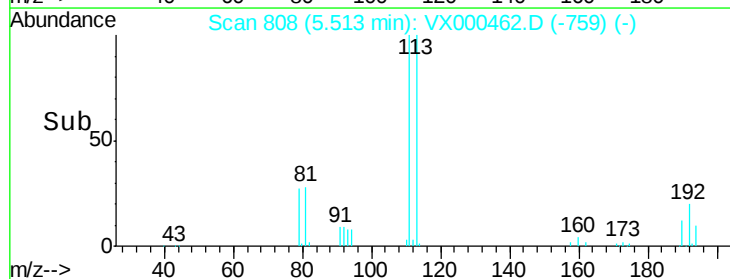
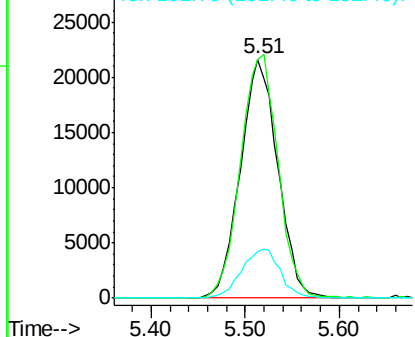


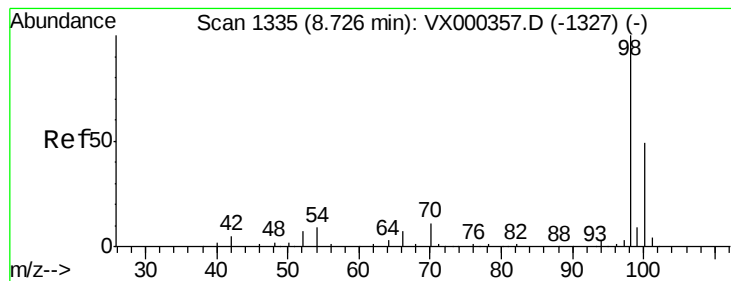
#35
 Dibromofluoromethane
 Concen: 51.97 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000462.D
 Acq: 27 Mar 2018 16:56

Tgt Ion:113 Resp: 60236
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 21.0 15.8 23.6



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: 48.17 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

Instrument :

MSVOA_X

ClientSampleId :

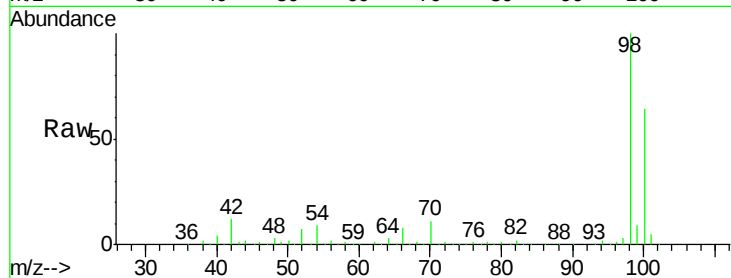
TP-1-MH-D-S

Tot Ion: 98 Resp: 231246

Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

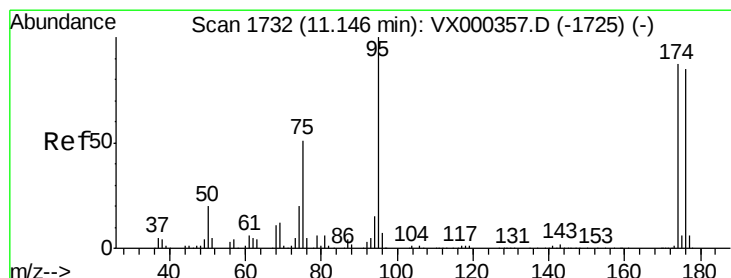
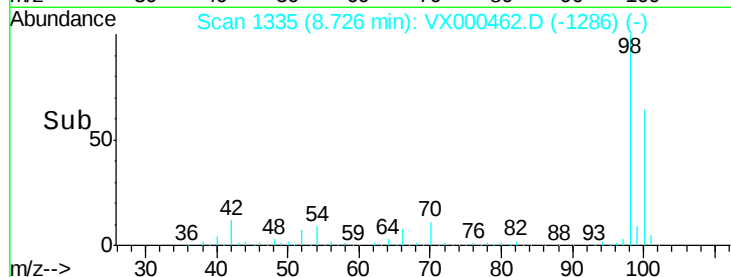
100000

50000

0

8.70 8.73 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 39.62 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000462.D

Acq: 27 Mar 2018 16:56

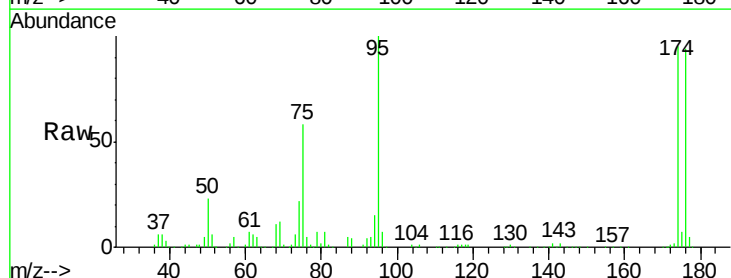
Tgt Ion: 95 Resp: 77400

Ion Ratio Lower Upper

95 100

174 91.4 0.0 173.6

176 89.2 0.0 164.6



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

80000

60000

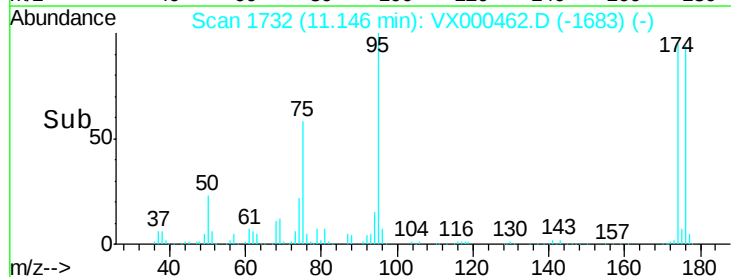
40000

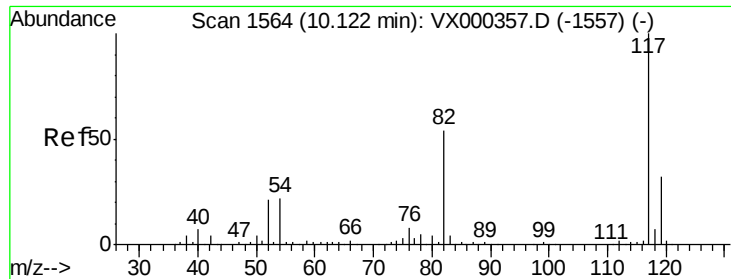
20000

0

11.10 11.15 11.20

Time-->

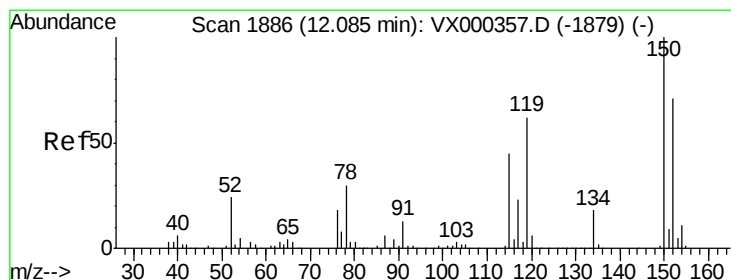
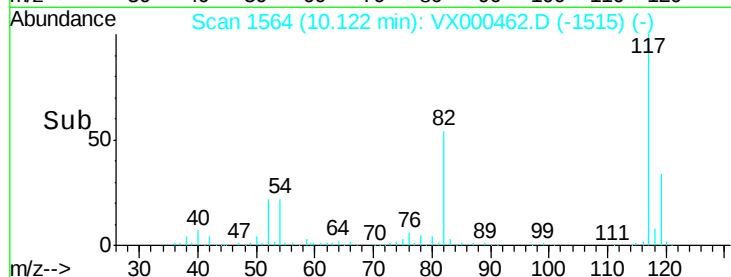
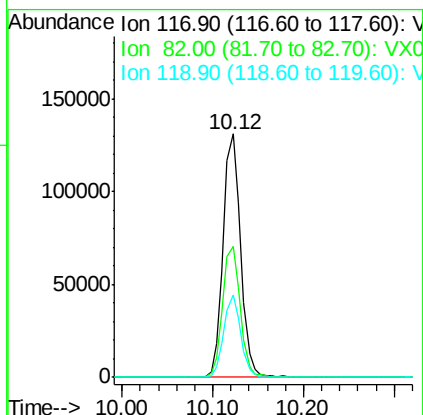
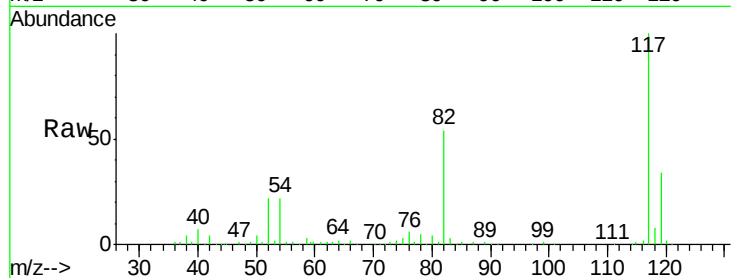




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

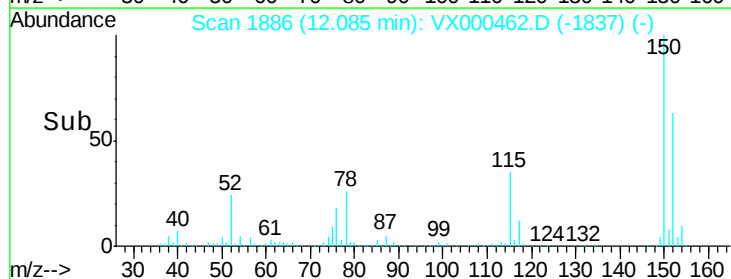
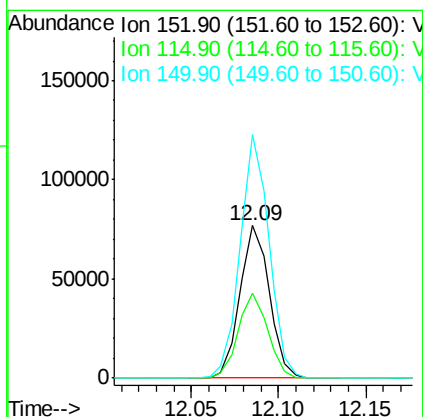
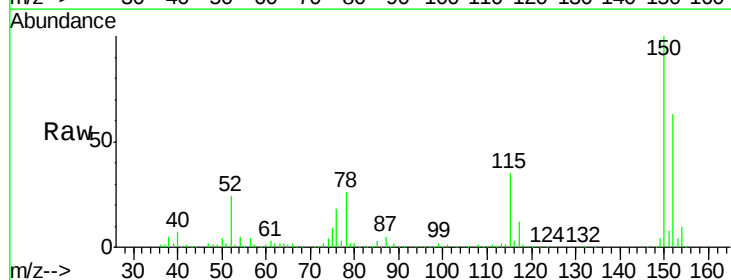
Instrument :
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TP-1-MH-D-S

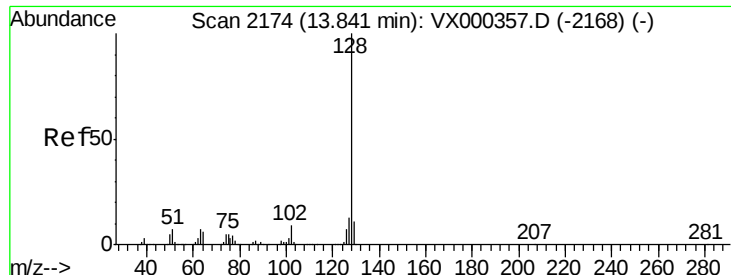
Tot Ion:117 Resp: 177106
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 33.9 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Tgt Ion:152 Resp: 90035
Ion Ratio Lower Upper
152 100
115 56.1 39.8 119.3
150 156.8 0.0 344.4





#95
Naphthalene
Concen: 6.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000462.D
Acq: 27 Mar 2018 16:56

Instrument :
MSVOA_X
ClientSampleId :
TP-1-MH-D-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	10.6	8.9	13.3

