

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000679.D
 Acq On : 05 Apr 2018 01:06
 Operator : JC/MD
 Sample : J2197-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-STONES

Quant Time: Apr 05 05:55:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

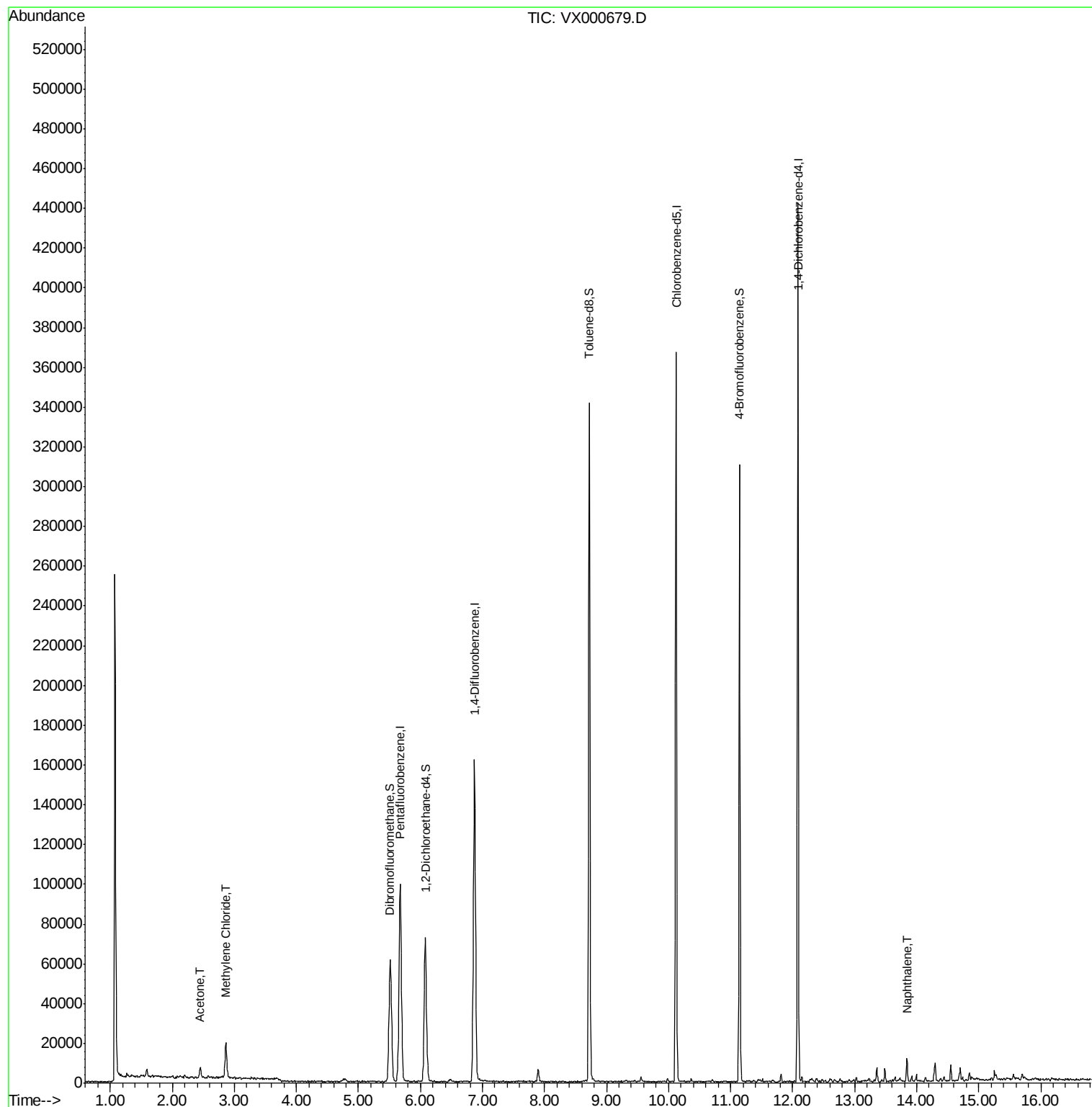
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	84607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	151504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	147289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	74616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65203	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
35) Dibromofluoromethane	5.51	113	48876	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
50) Toluene-d8	8.72	98	190588	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
62) 4-Bromofluorobenzene	11.15	95	66413	38.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.32%	
Target Compounds						
16) Acetone	2.45	43	6302	5.33	ug/l	92
20) Methylene Chloride	2.87	84	7892	5.85	ug/l #	82
95) Naphthalene	13.84	128	6079	1.08	ug/l	99

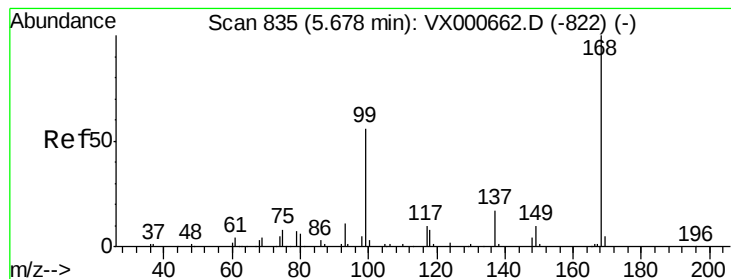
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000679.D

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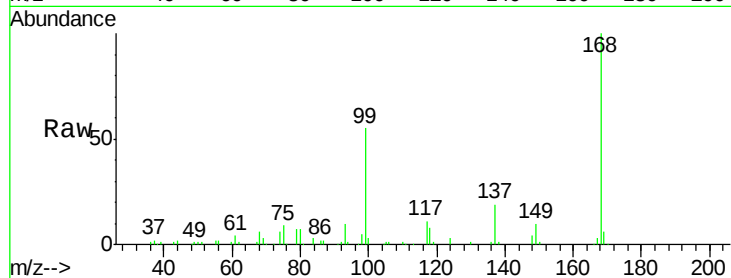
DRUM-STONES

Tot Ion:168 Resp: 84607

Ion Ratio Lower Upper

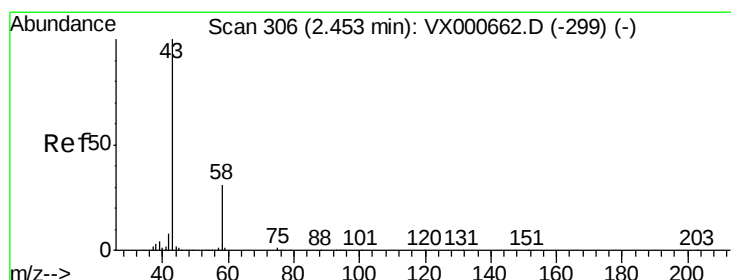
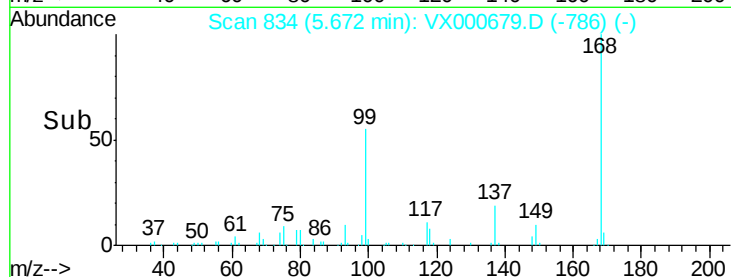
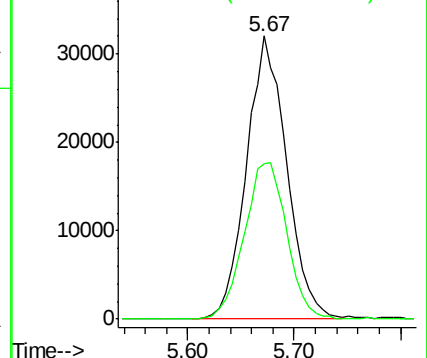
168 100

99 54.7 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000679.D

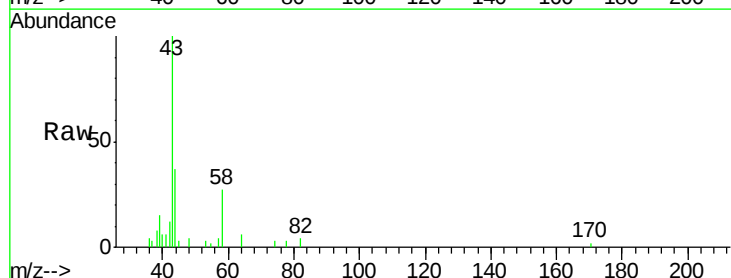
Acq: 05 Apr 2018 01:06

Tgt Ion: 43 Resp: 6302

Ion Ratio Lower Upper

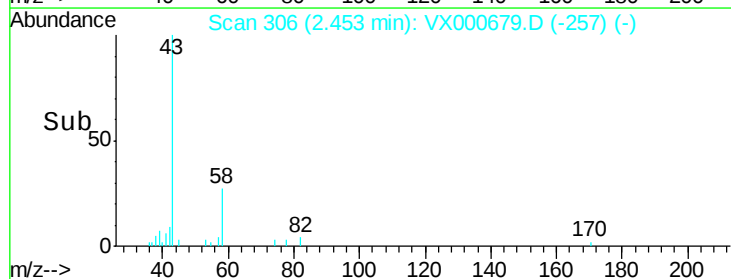
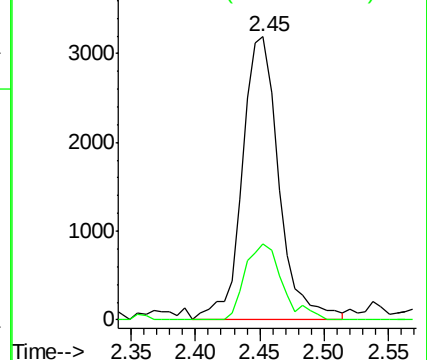
43 100

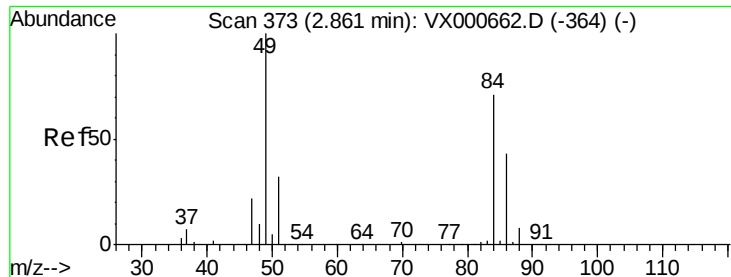
58 26.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

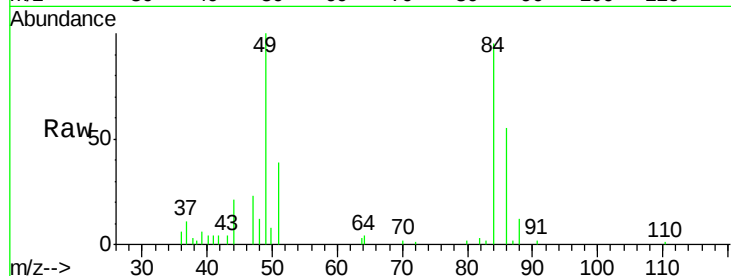




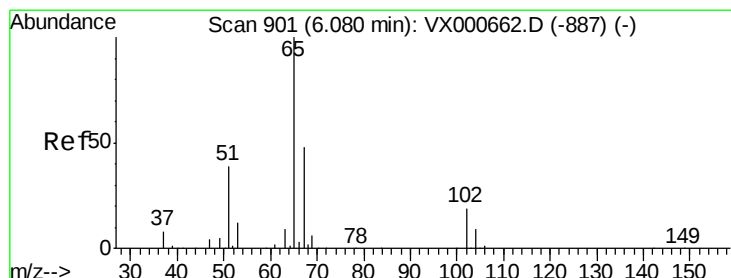
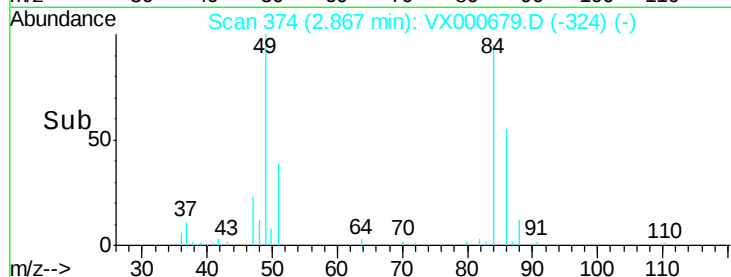
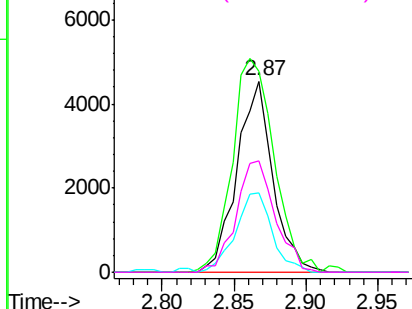
#20
Methvlene Chloride
Concen: 5.85 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
DRUM-STONES

Tot Ion: 84 Resp: 7892
Ion Ratio Lower Upper
84 100
49 105.4 112.1 168.1#
51 41.5 35.4 53.0
86 58.2 48.7 73.1

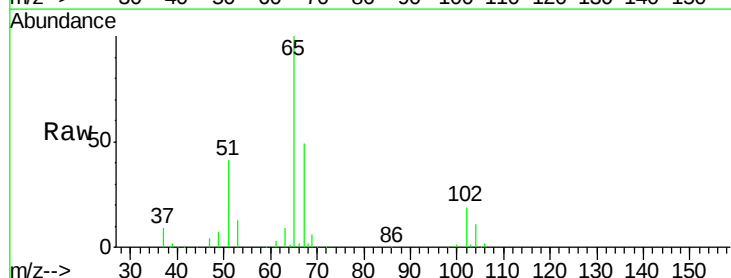


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

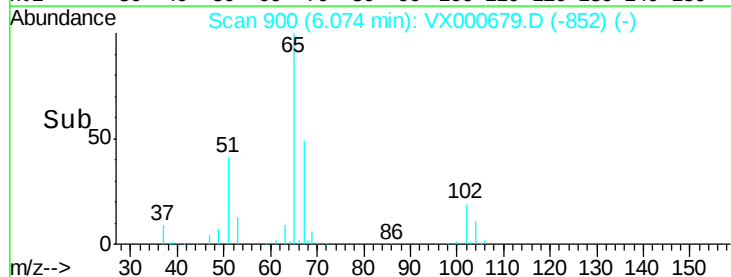
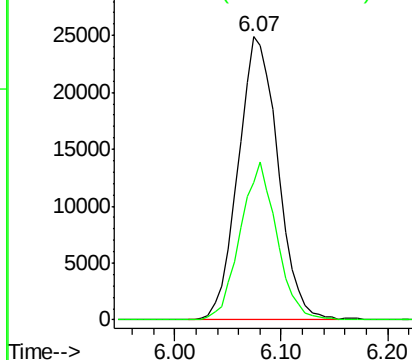


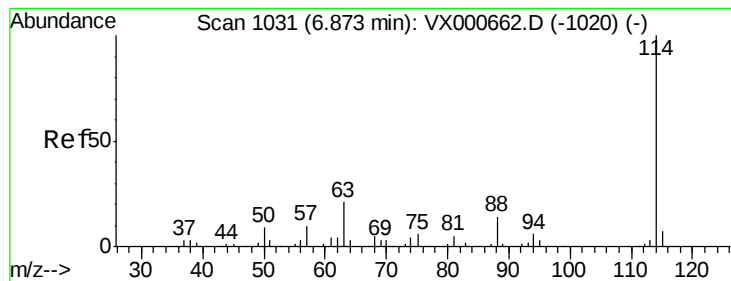
#33
1,2-Dichloroethane-d4
Concen: 45.36 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

Tgt Ion: 65 Resp: 65203
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.8



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# 1031

Delta R.T. 0.00 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

DRUM-STONES

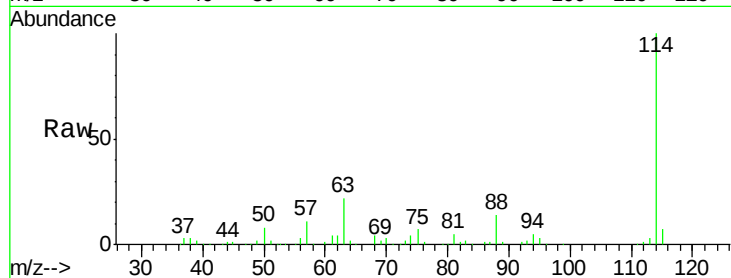
Tot Ion:114 Resp: 151504

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.6

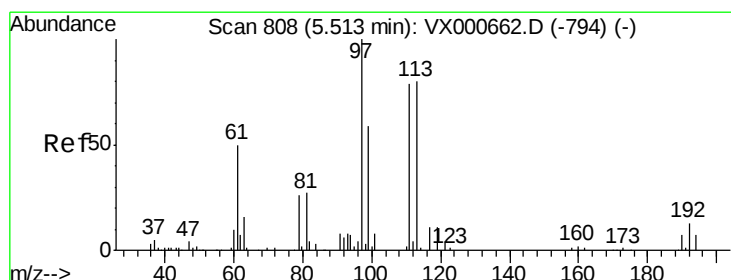
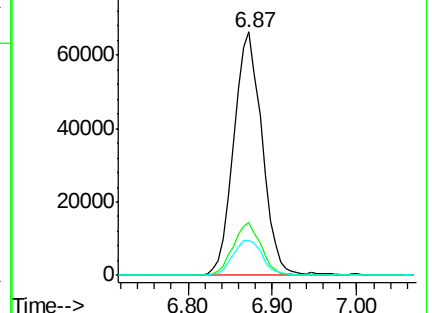
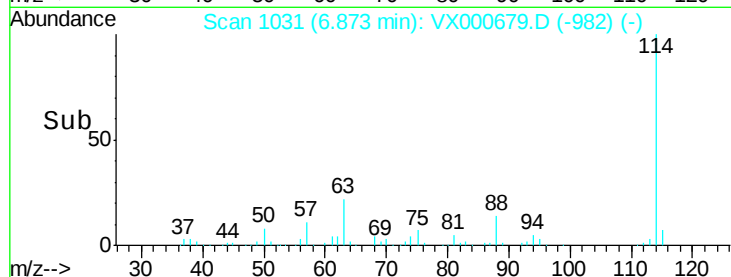
88 14.5 0.0 28.6



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: 47.26 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000679.D

Acq: 05 Apr 2018 01:06

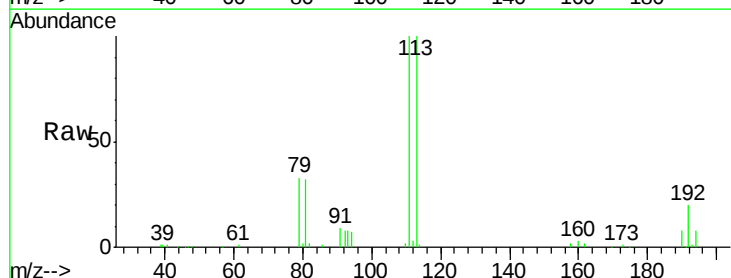
Tgt Ion:113 Resp: 48876

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

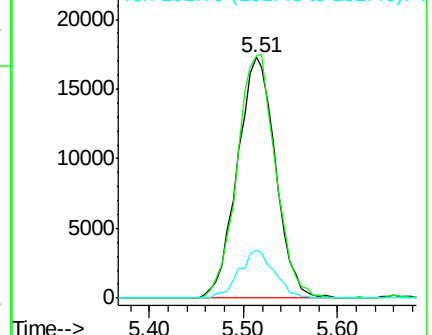
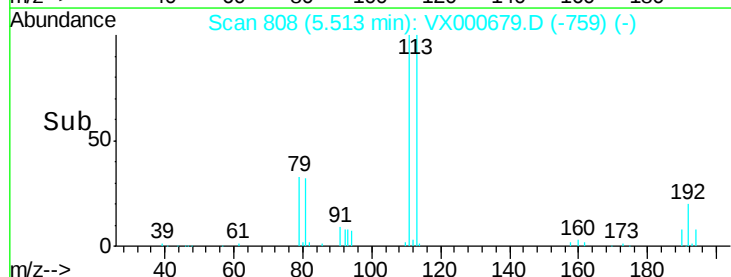
192 18.3 14.3 21.5

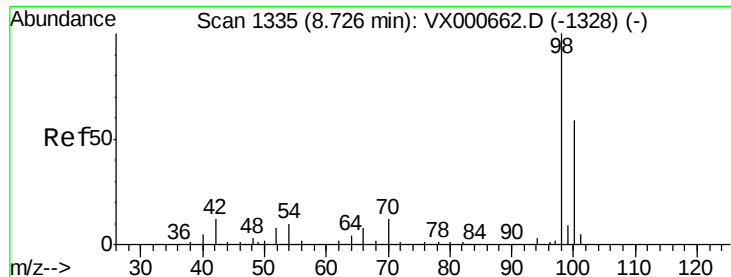


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

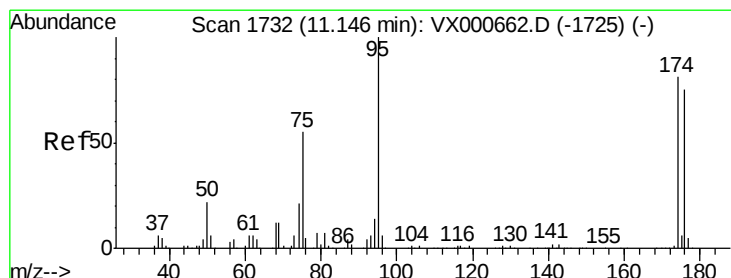
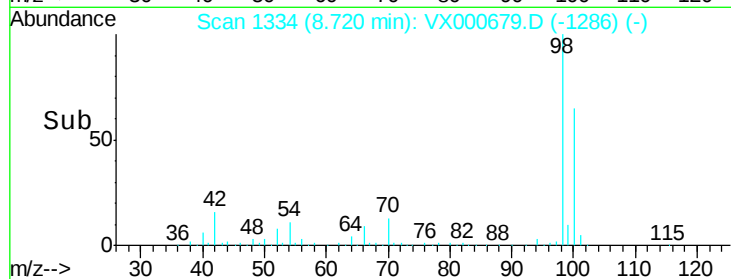
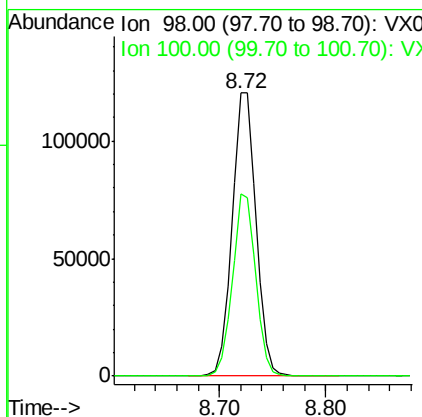
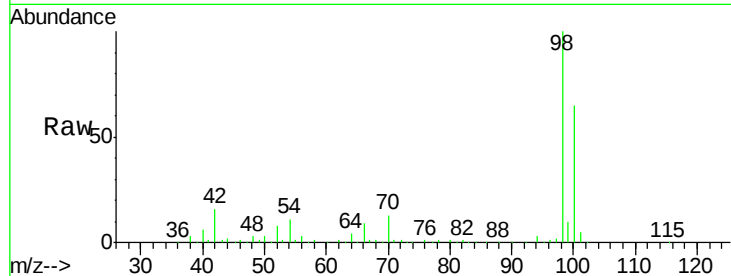




#50
Toluene-d8
Concen: 43.34 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

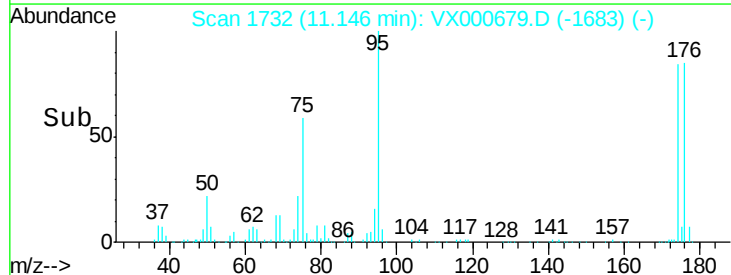
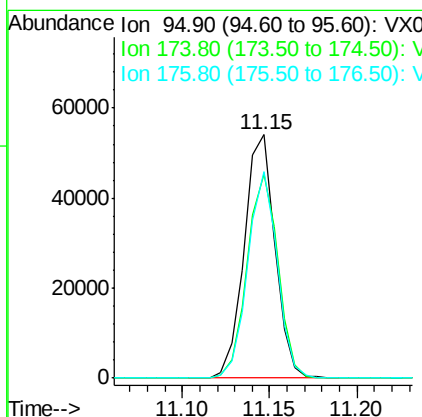
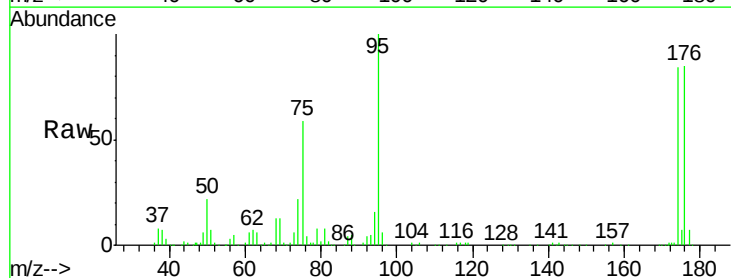
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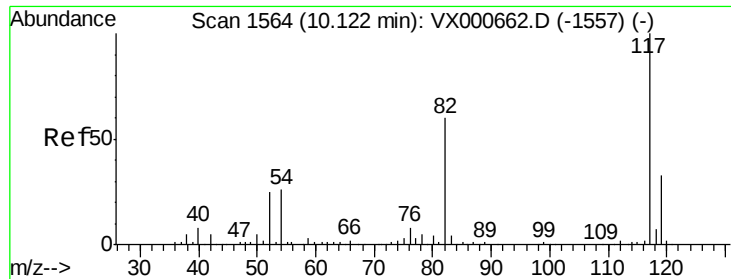
Tot Ion: 98 Resp: 190588
Ion Ratio Lower Upper
98 100
100 62.4 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 38.16 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

Tgt Ion: 95 Resp: 66413
Ion Ratio Lower Upper
95 100
174 84.1 0.0 156.8
176 81.3 0.0 150.6

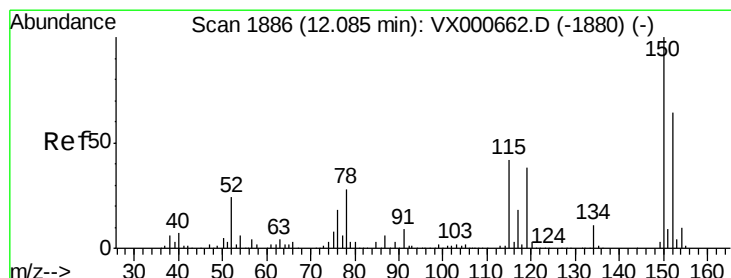
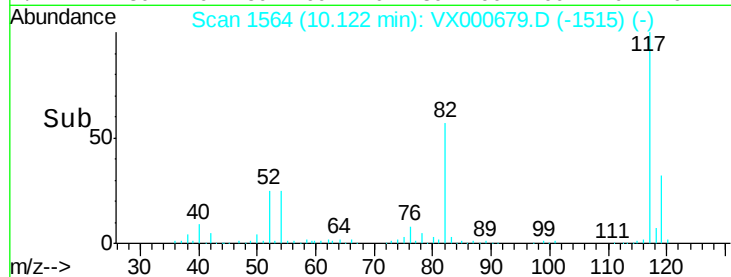
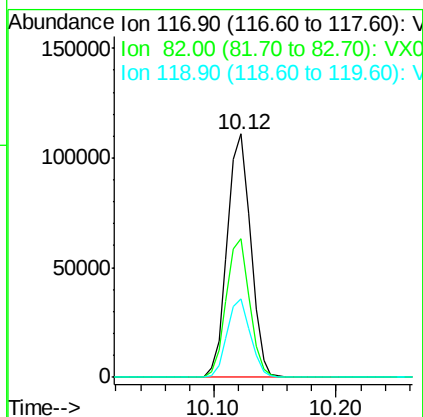
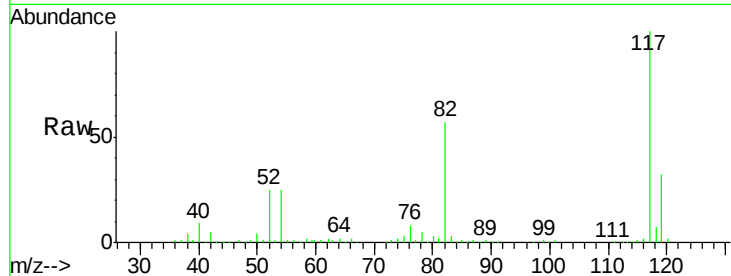




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

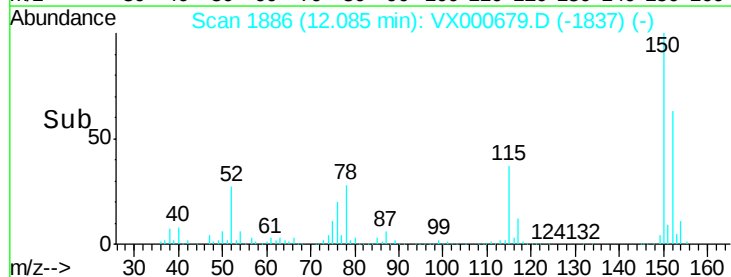
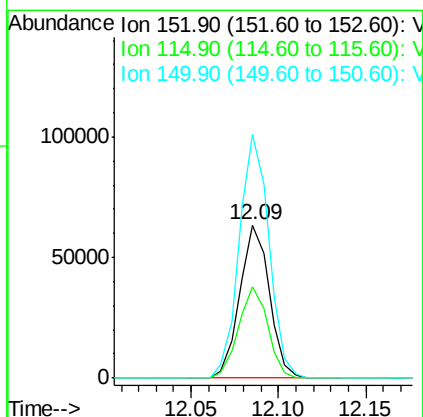
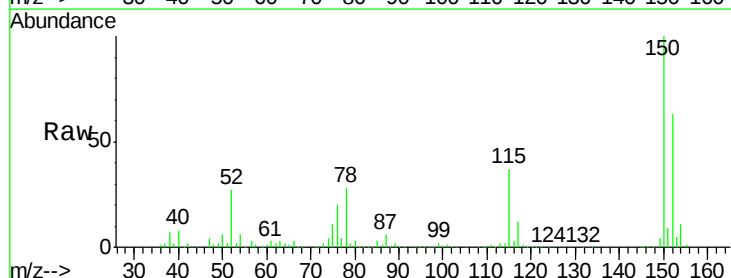
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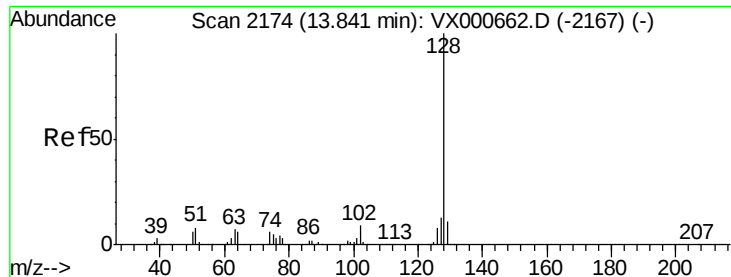
Tot Ion:117 Resp: 147289
Ion Ratio Lower Upper
117 100
82 57.0 48.3 72.5
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

Tgt Ion:152 Resp: 74616
Ion Ratio Lower Upper
152 100
115 59.2 41.9 125.8
150 159.8 0.0 348.0





#95
Naphthalene
Concen: 1.08 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000679.D
Acq: 05 Apr 2018 01:06

Instrument :
MSVOA_X
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Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	10.7	8.9	13.3

