

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003309.D
 Acq On : 11 Jul 2018 03:17
 Operator : JC/MD
 Sample : J3914-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEMH

Quant Time: Jul 11 05:19:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

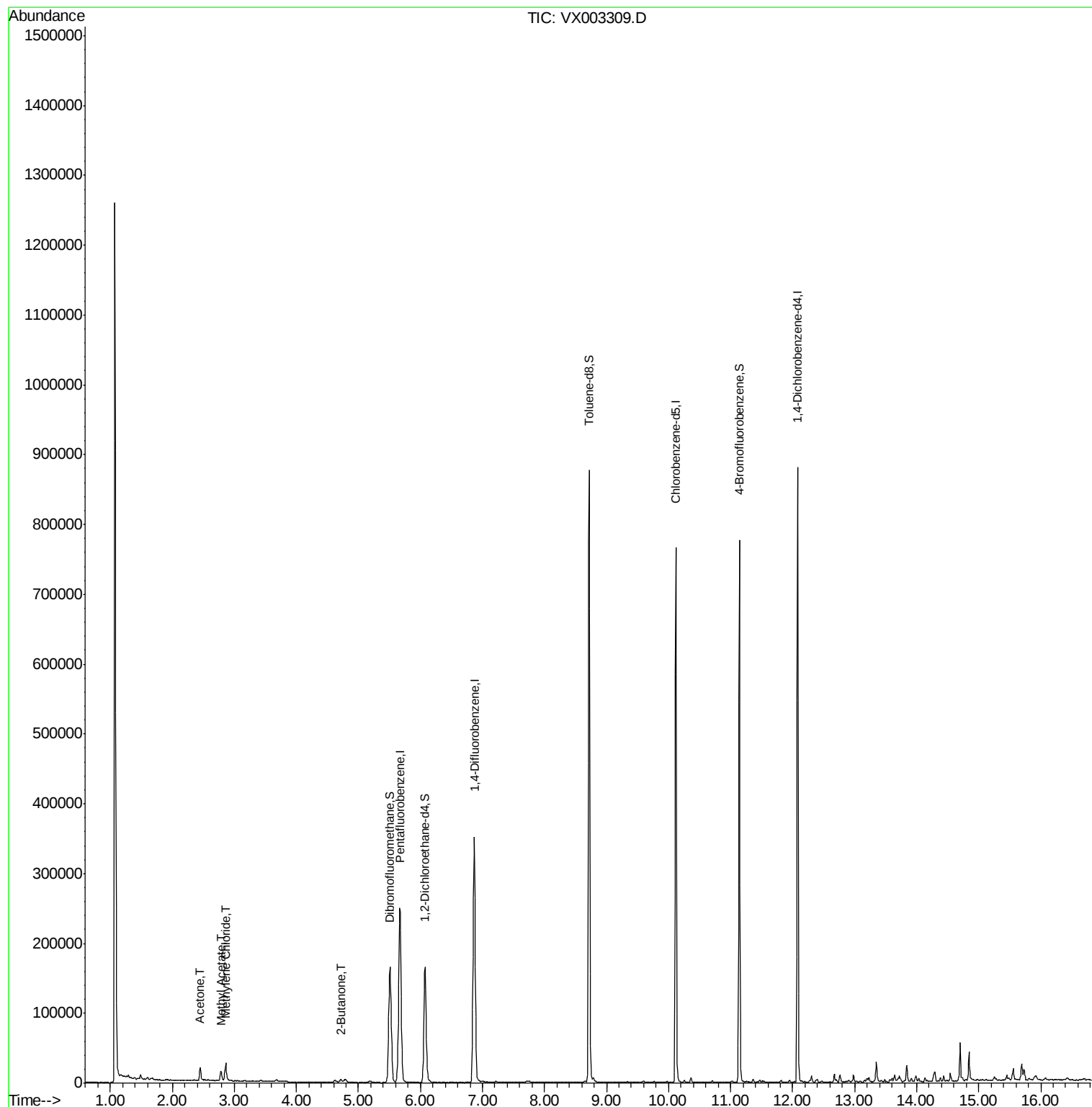
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158482	37.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.18%	
35) Dibromofluoromethane	5.51	113	139692	35.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.06%	
50) Toluene-d8	8.72	98	515483	36.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.78%	
62) 4-Bromofluorobenzene	11.14	95	180053	34.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.80%	
Target Compounds						
16) Acetone	2.45	43	21189	14.16	ug/l	98
18) Methyl Acetate	2.78	43	16511	3.91	ug/l	95
20) Methylene Chloride	2.86	84	11687	3.15	ug/l	91
25) 2-Butanone	4.71	43	7952	3.00	ug/l	95

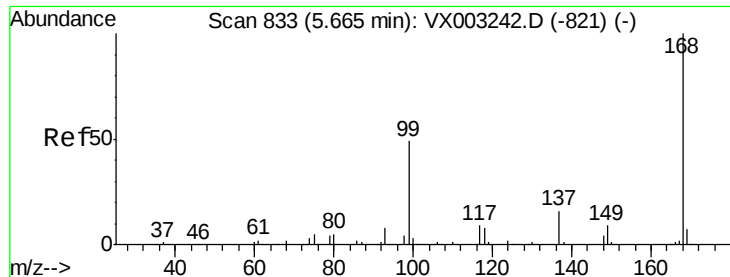
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003309.D

Acq: 11 Jul 2018 03:17

Instrument :

MSVOA_X

ClientSampleId :

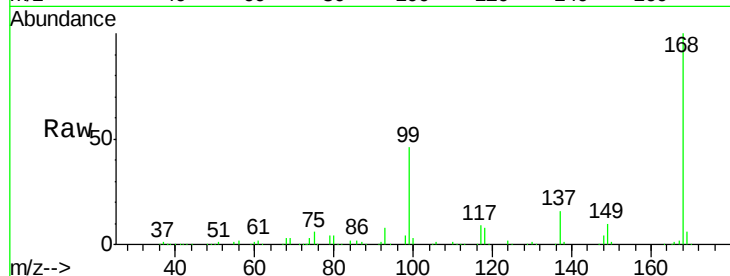
NEMH

Tot Ion:168 Resp: 267889

Ion Ratio Lower Upper

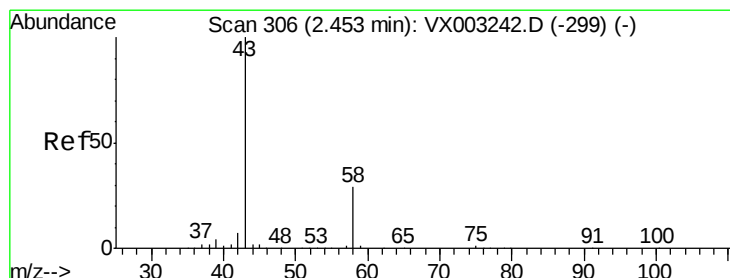
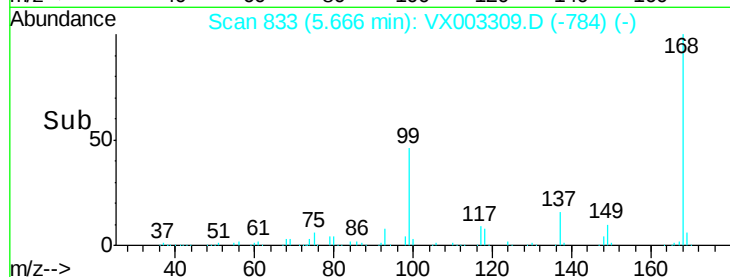
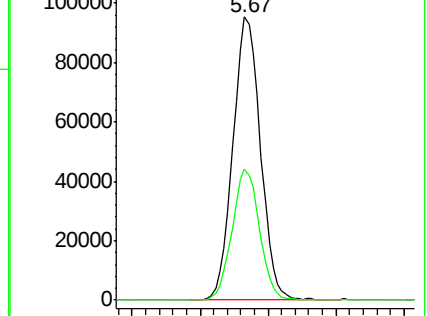
168 100

99 46.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.16 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003309.D

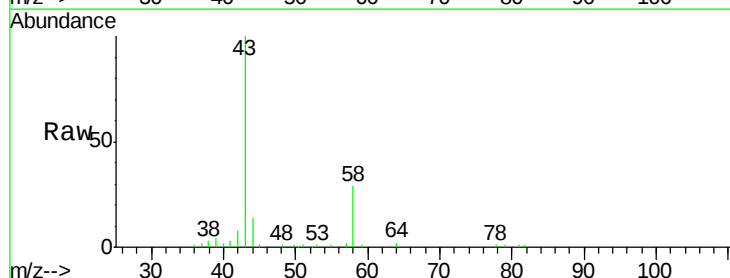
Acq: 11 Jul 2018 03:17

Tgt Ion: 43 Resp: 21189

Ion Ratio Lower Upper

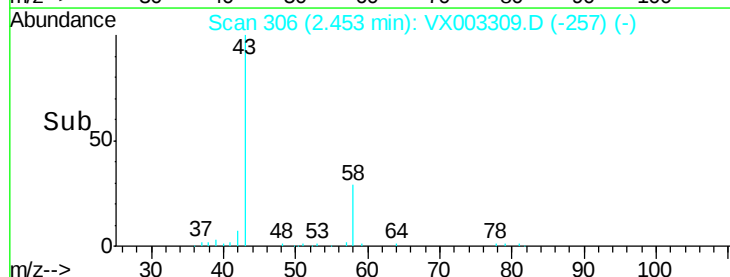
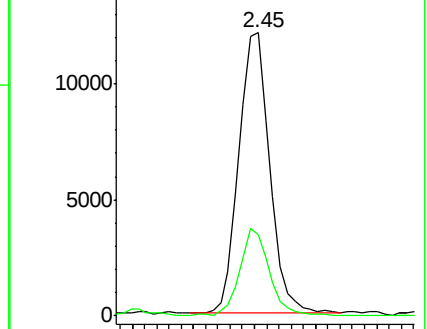
43 100

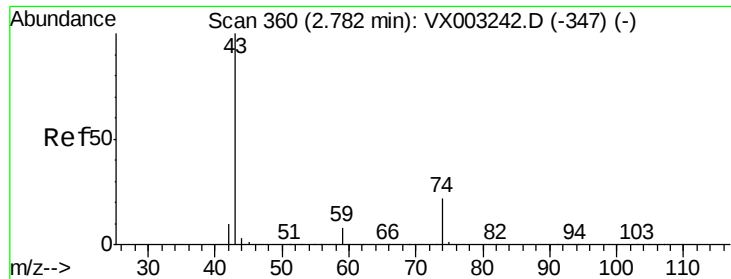
58 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 3.91 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003309.D

Acq: 11 Jul 2018 03:17

Instrument :

MSVOA_X

ClientSampleId :

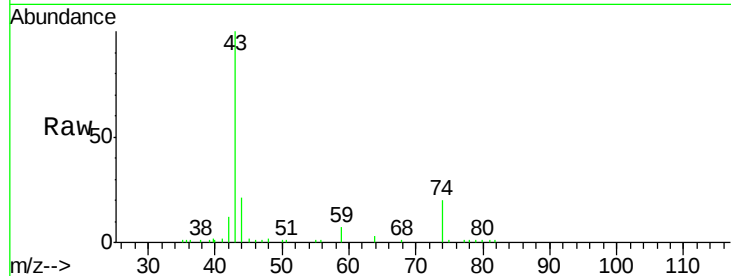
NEMH

Tot Ion: 43 Resp: 16511

Ion Ratio Lower Upper

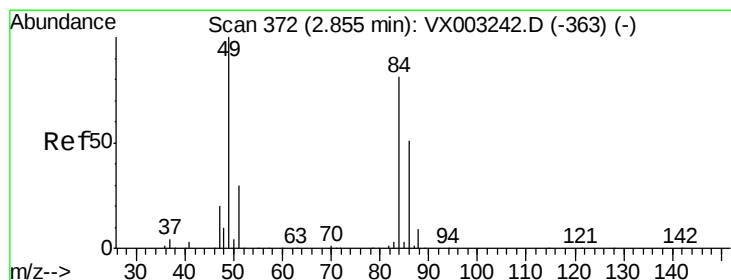
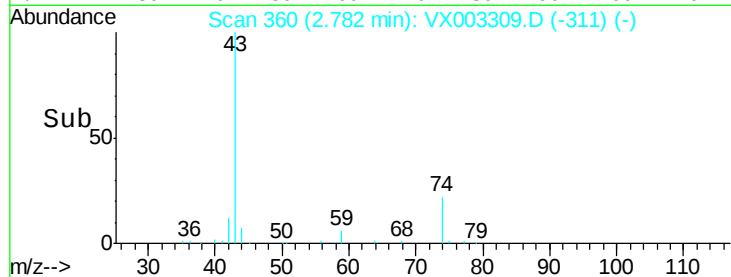
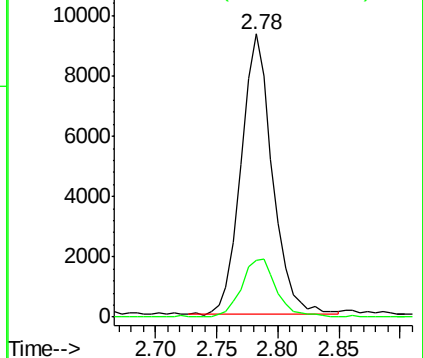
43 100

74 23.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 3.15 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003309.D

Acq: 11 Jul 2018 03:17

Tgt Ion: 84 Resp: 11687

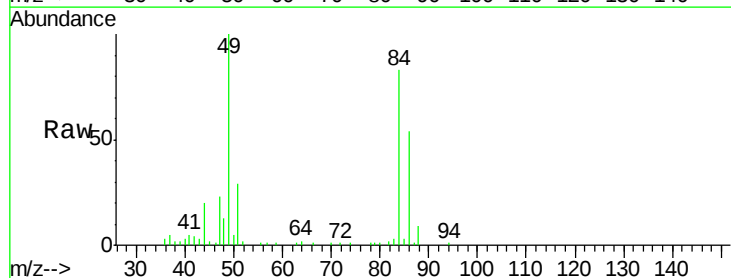
Ion Ratio Lower Upper

84 100

49 120.0 107.8 161.6

51 35.1 32.8 49.2

86 64.4 52.5 78.7

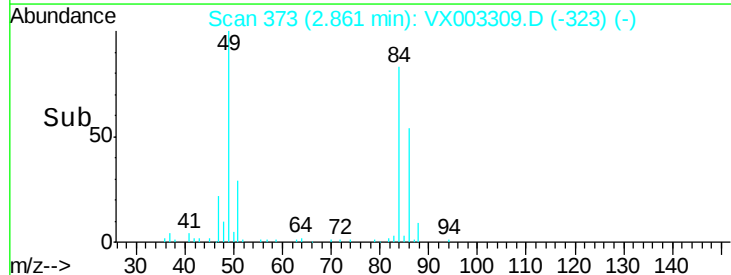
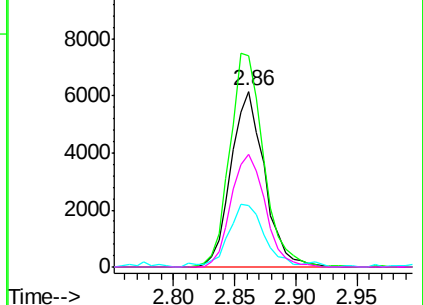


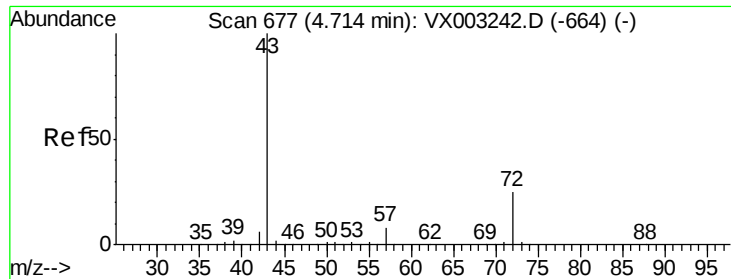
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#25

2-Butanone

Concen: 3.00 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003309.D

Acq: 11 Jul 2018 03:17

Instrument :

MSVOA_X

ClientSampleId :

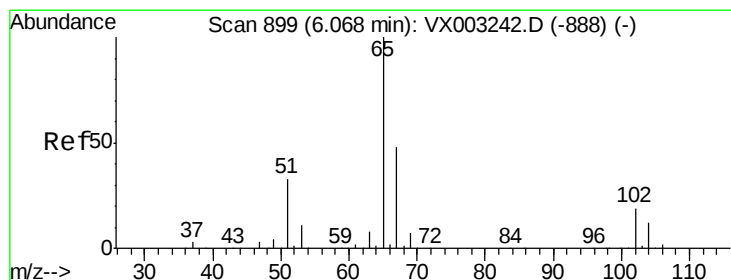
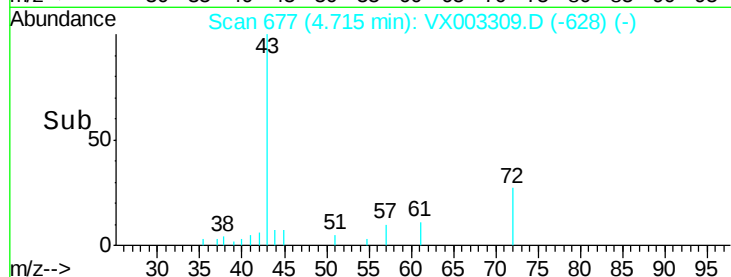
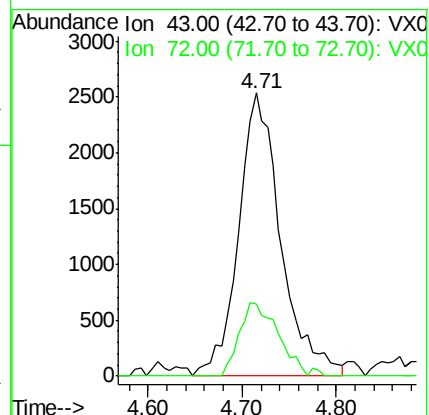
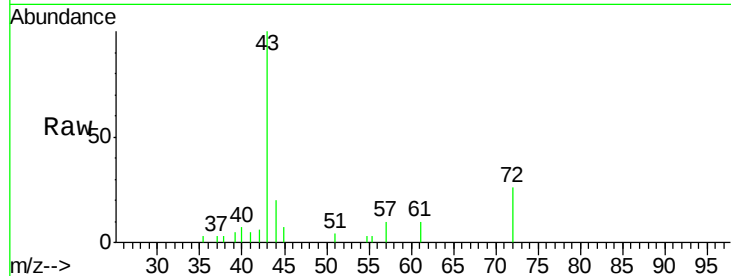
NEMH

Tot Ion: 43 Resp: 7952

Ion Ratio Lower Upper

43 100

72 25.5 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 37.59 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003309.D

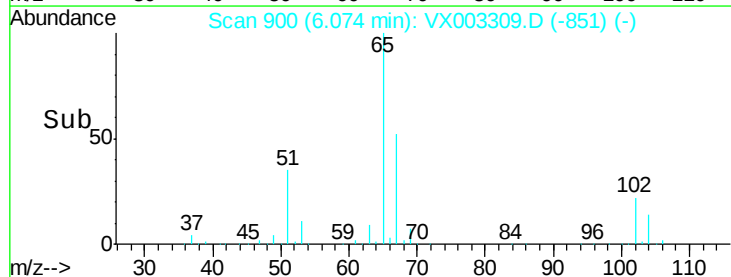
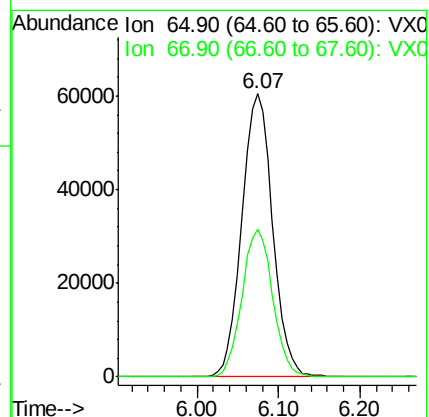
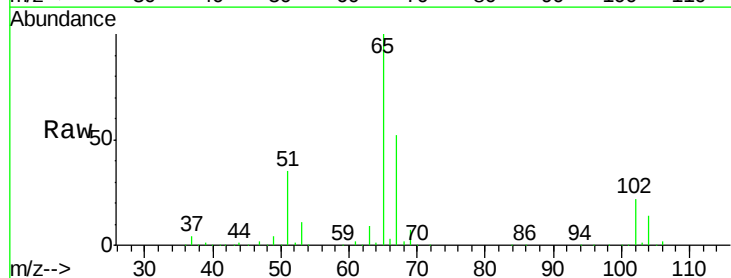
Acq: 11 Jul 2018 03:17

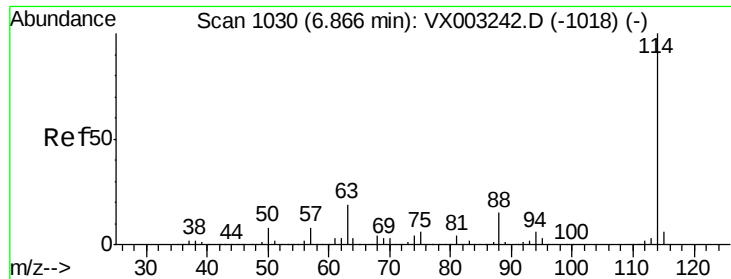
Tgt Ion: 65 Resp: 158482

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.6

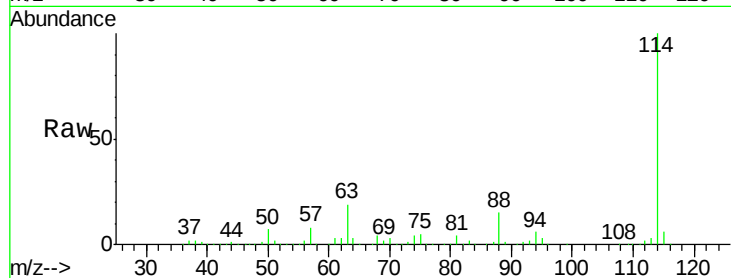




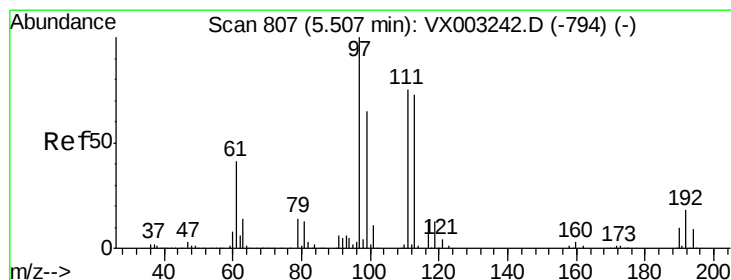
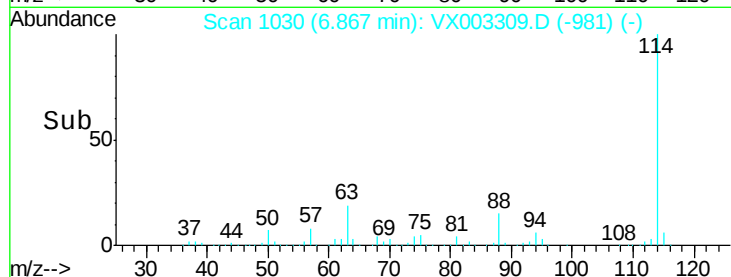
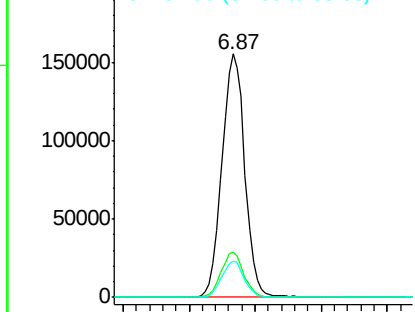
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003309.D
Acq: 11 Jul 2018 03:17

Instrument :
MSVOA_X
ClientSampleId :
NEMH

Tot Ion:114 Resp: 371216
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.4
88 15.0 0.0 30.0

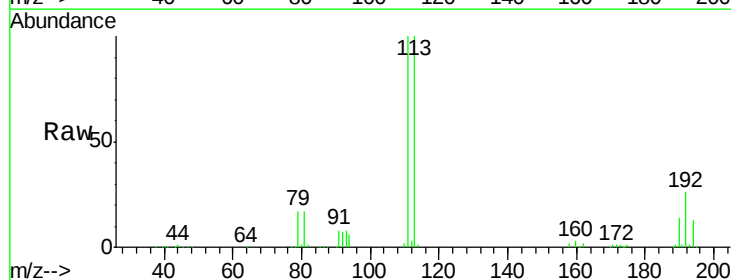


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

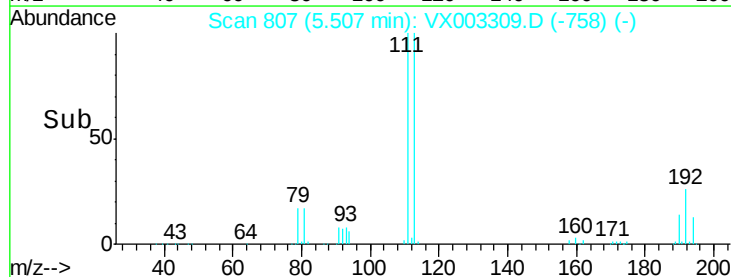
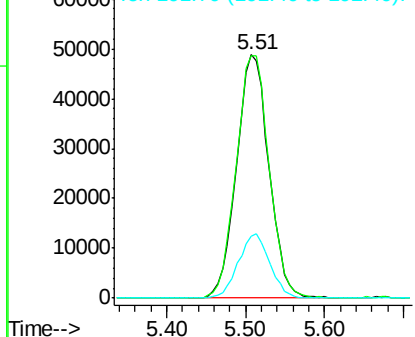


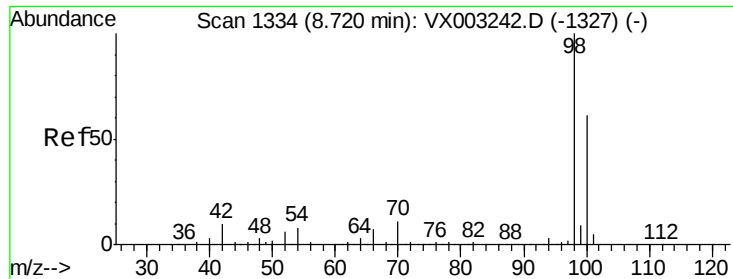
#35
Dibromofluoromethane
Concen: 35.03 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003309.D
Acq: 11 Jul 2018 03:17

Tgt Ion:113 Resp: 139692
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 25.6 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

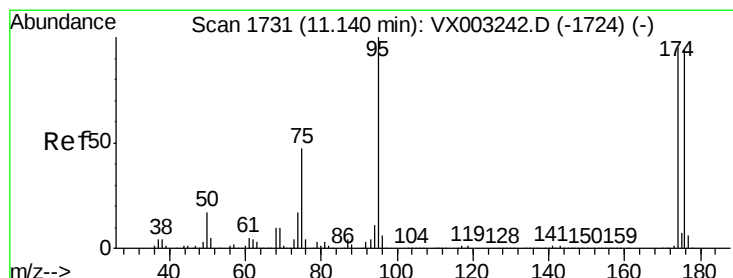
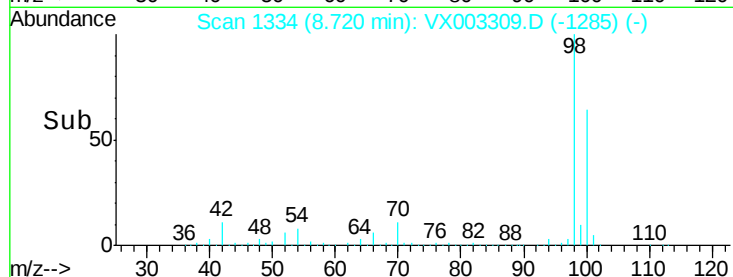
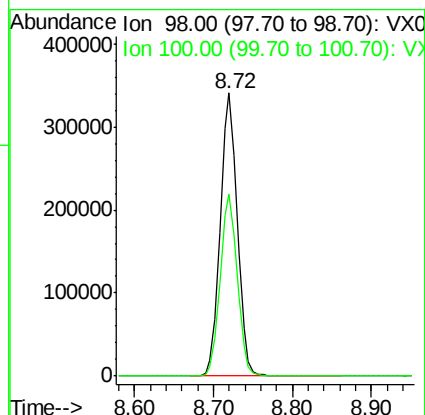
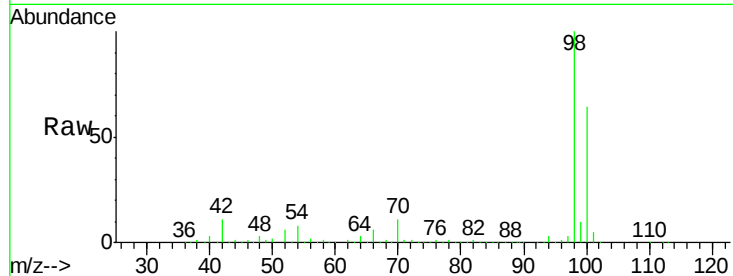




#50
Toluene-d8
Concen: 36.39 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003309.D
Acq: 11 Jul 2018 03:17

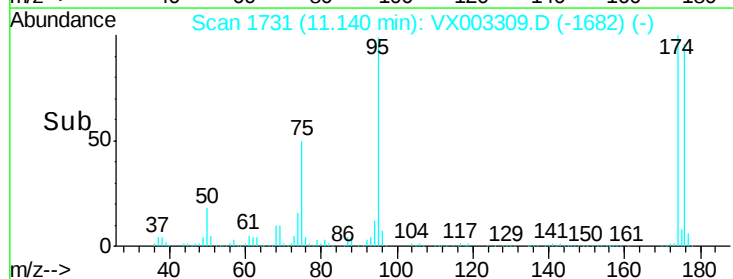
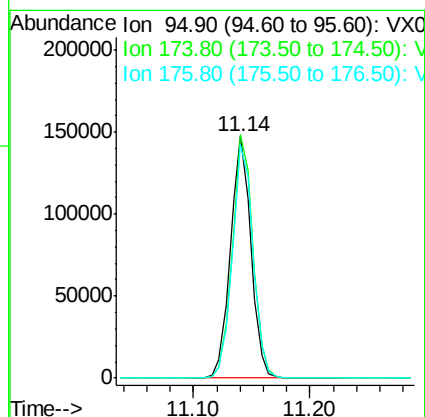
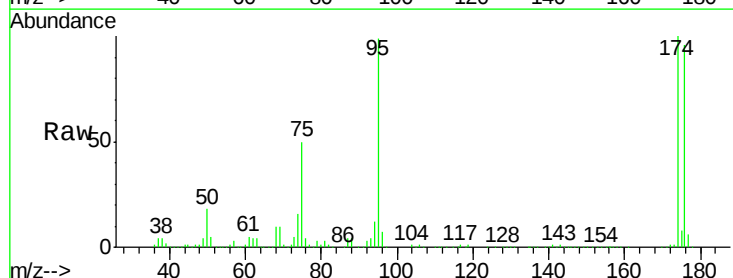
Instrument :
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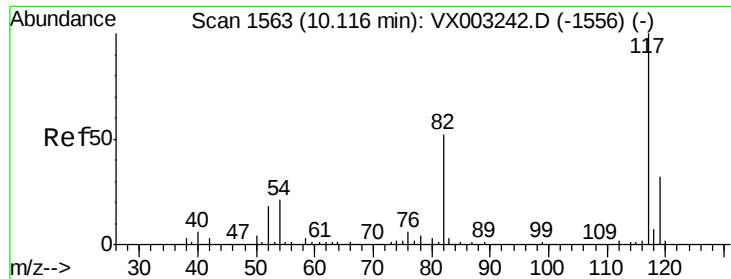
Tot Ion: 98 Resp: 515483
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003309.D
Acq: 11 Jul 2018 03:17

Tgt Ion: 95 Resp: 180053
Ion Ratio Lower Upper
95 100
174 101.7 0.0 187.4
176 97.7 0.0 181.0

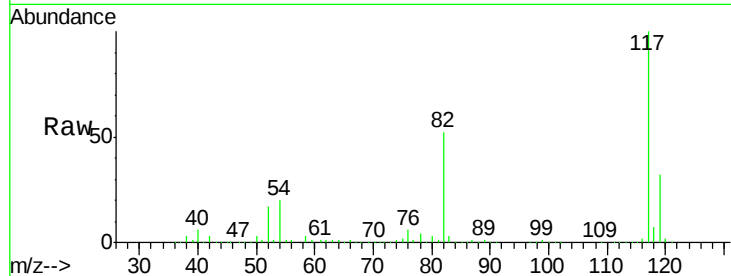




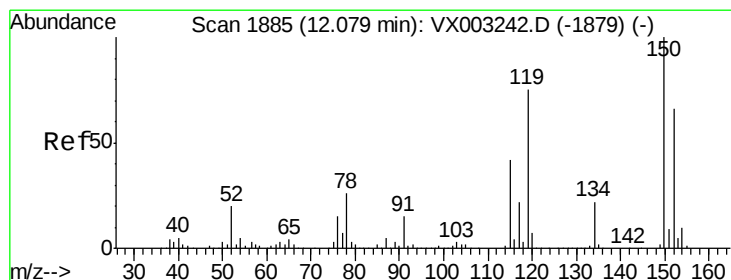
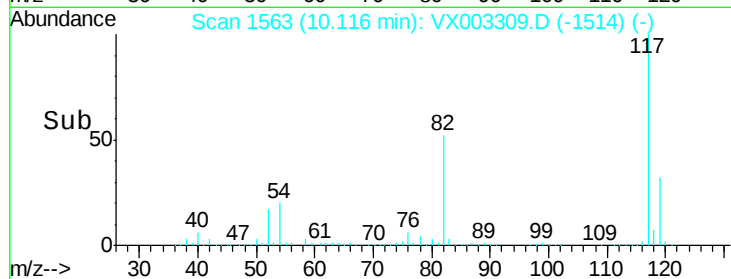
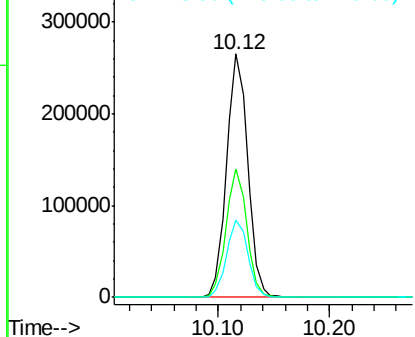
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003309.D
Acq: 11 Jul 2018 03:17

Instrument :
MSVOA_X
ClientSampleId :
NEMH

Tot Ion:117 Resp: 350178
Ion Ratio Lower Upper
117 100
82 52.5 45.0 67.4
119 31.9 25.8 38.6

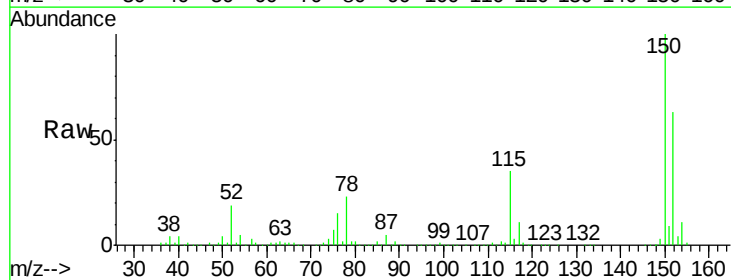


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003309.D
Acq: 11 Jul 2018 03:17

Tgt Ion:152 Resp: 192419
Ion Ratio Lower Upper
152 100
115 53.3 40.1 120.2
150 156.3 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

