

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008842.D
 Acq On : 11 Apr 2019 06:34
 Operator : JC/SP
 Sample : K2344-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WOOD-2

Quant Time: Apr 11 09:06:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 11 08:05:56 2019
 Response via : Initial Calibration

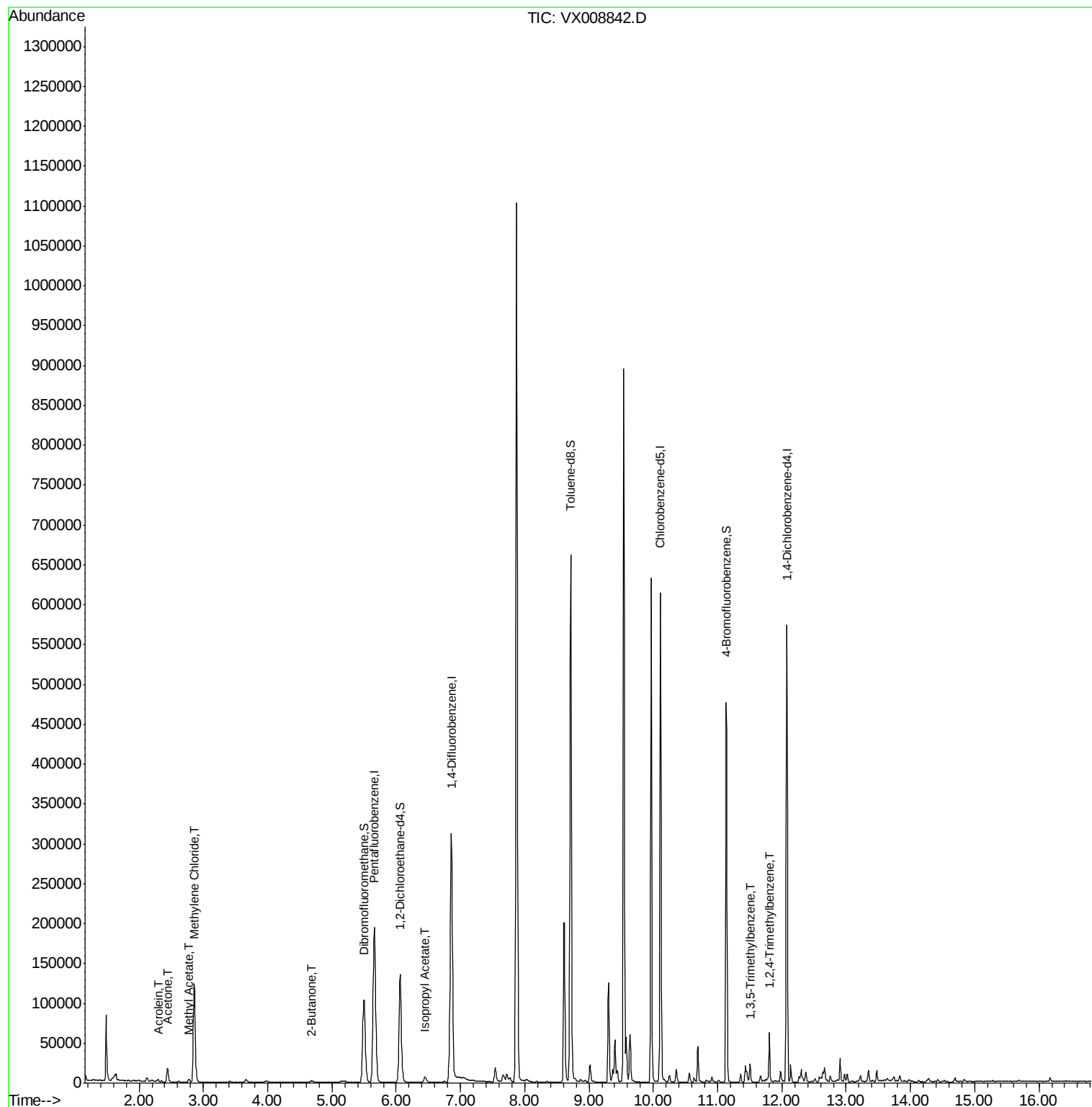
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125484	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
35) Dibromofluoromethane	5.49	113	91632	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	8.71	98	385119	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	129622	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
13) Acrolein	2.29	56	2596	8.185	ug/l	97
16) Acetone	2.44	43	18744	11.911	ug/l	100
18) Methyl Acetate	2.78	43	5124	1.343	ug/l	99
20) Methylene Chloride	2.85	84	58695	22.282	ug/l	97
25) 2-Butanone	4.68	43	3823	1.537	ug/l	92
43) Isopropyl Acetate	6.45	43	10017	1.438	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	8833	1.127	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	24141	3.043	ug/l	100

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

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QLast Update : Thu Apr 11 08:05:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008842.D

Acq: 11 Apr 2019 06:34

Instrument :

MSVOA_X

ClientSampled :

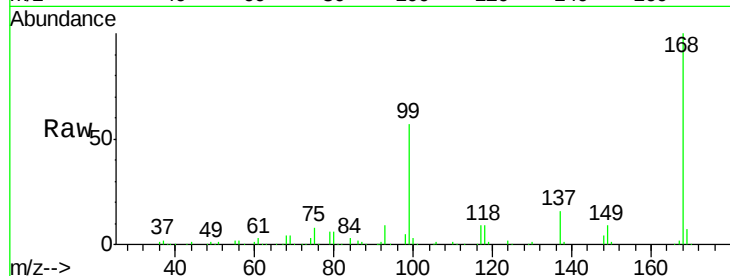
WOOD-2

Tot Ion:168 Resp: 187326

Ion Ratio Lower Upper

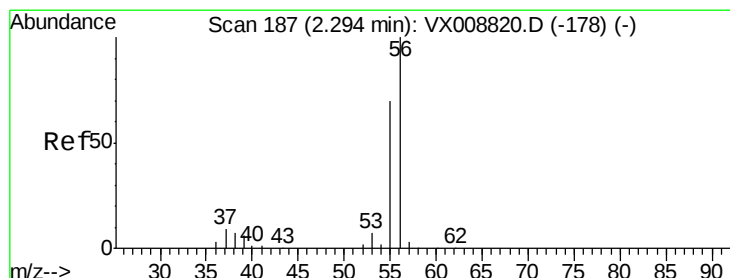
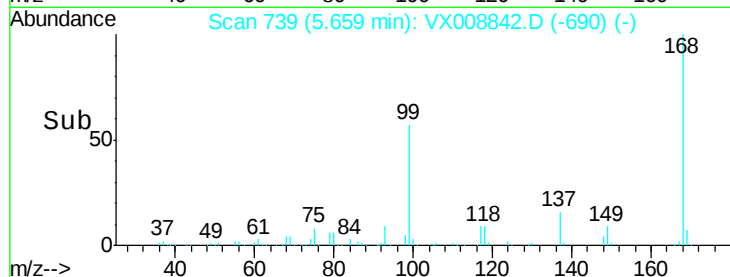
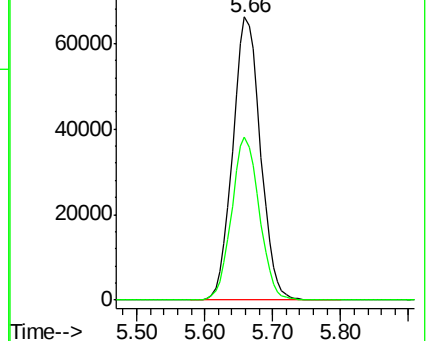
168 100

99 57.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#13

Acrolein

Concen: 8.185 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008842.D

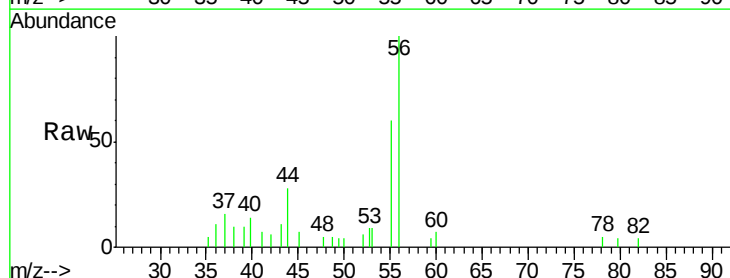
Acq: 11 Apr 2019 06:34

Tgt Ion: 56 Resp: 2596

Ion Ratio Lower Upper

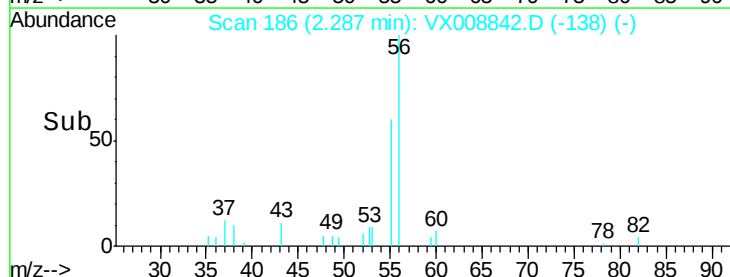
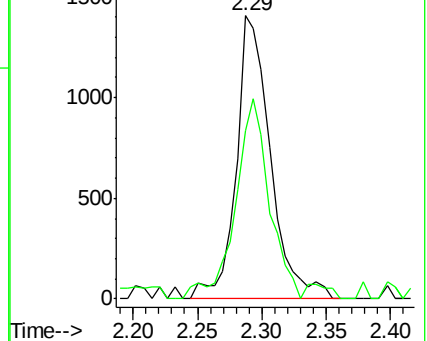
56 100

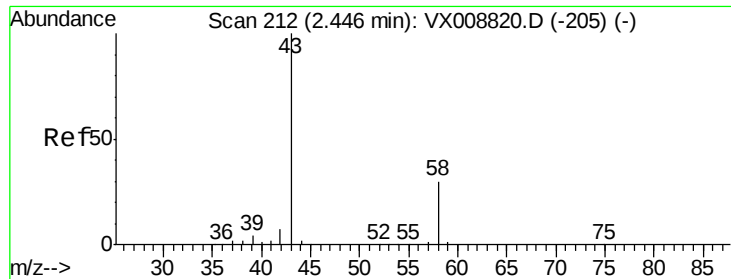
55 69.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 11.911 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008842.D

Acq: 11 Apr 2019 06:34

Instrument :

MSVOA_X

ClientSampled :

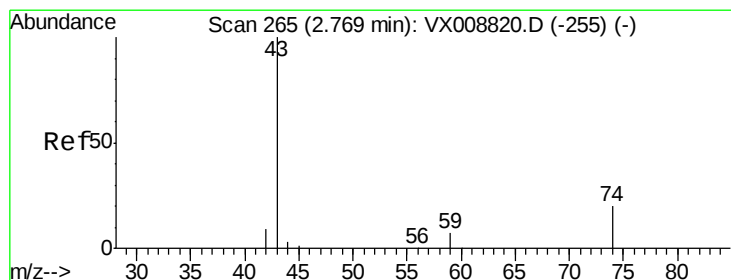
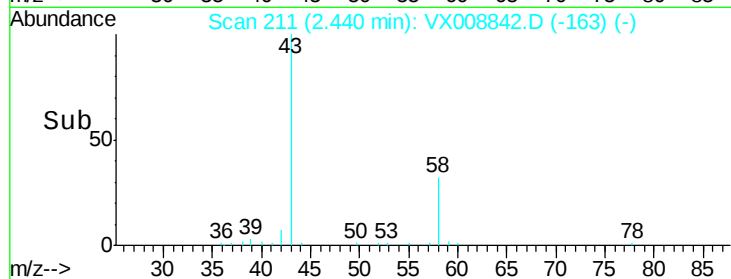
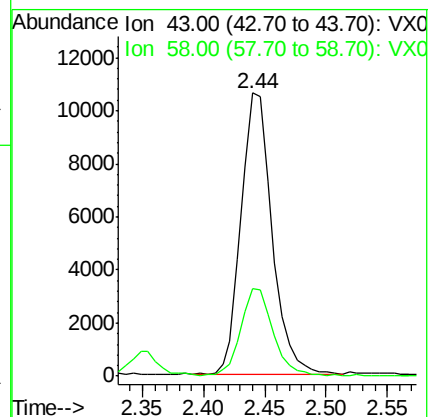
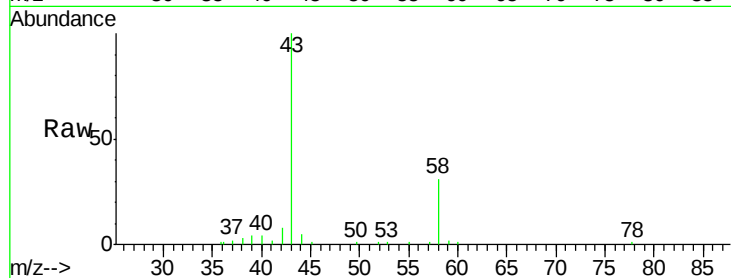
WOOD-2

Tot Ion: 43 Resp: 18744

Ion Ratio Lower Upper

43 100

58 31.3 24.8 37.2



#18

Methyl Acetate

Concen: 1.343 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008842.D

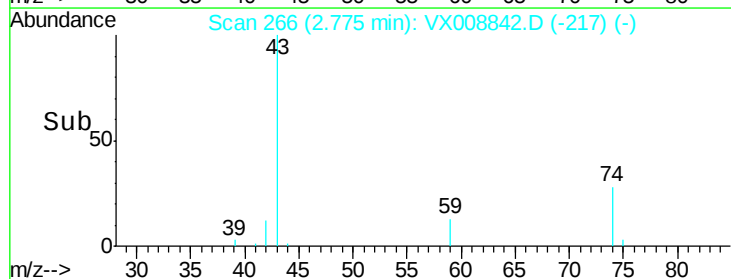
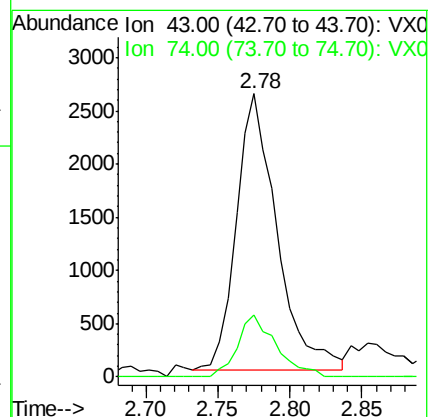
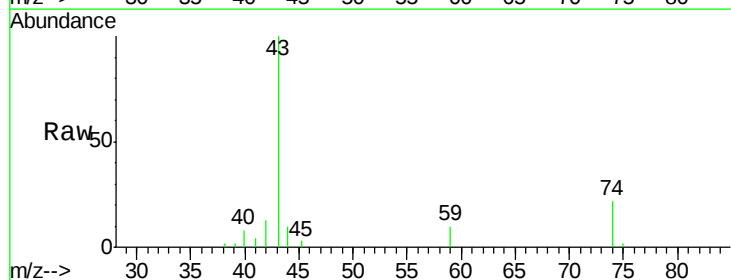
Acq: 11 Apr 2019 06:34

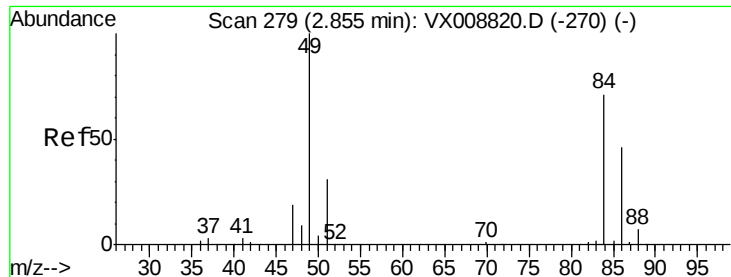
Tgt Ion: 43 Resp: 5124

Ion Ratio Lower Upper

43 100

74 21.1 16.5 24.7

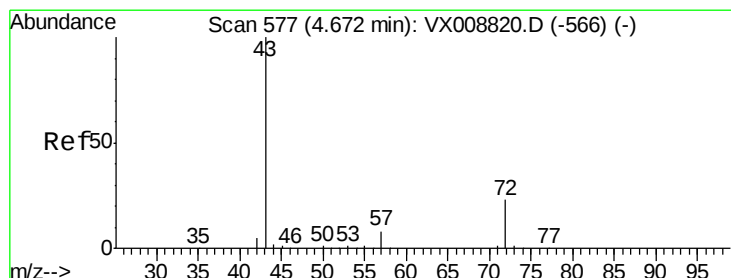
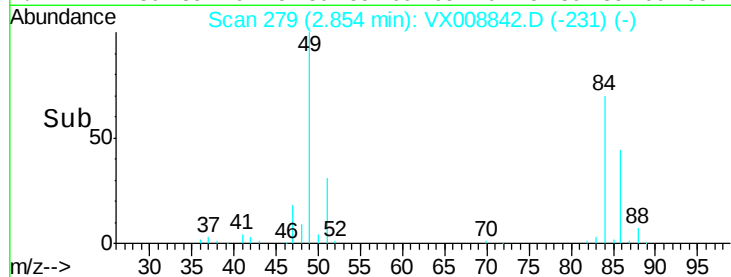
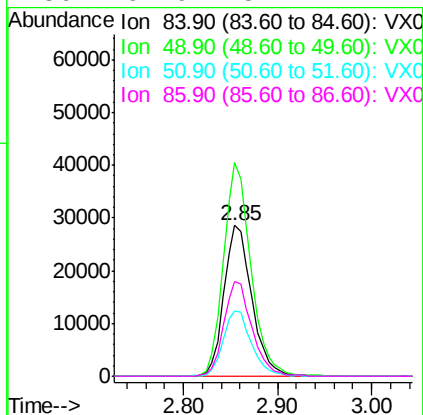
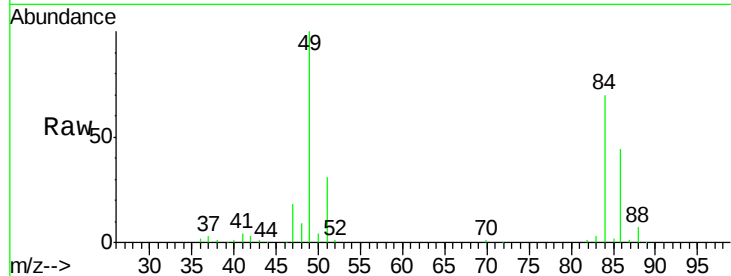




#20
Methvlene Chloride
Concen: 22.282 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008842.D
Acq: 11 Apr 2019 06:34

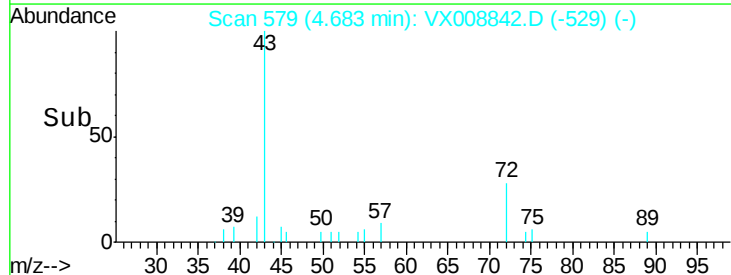
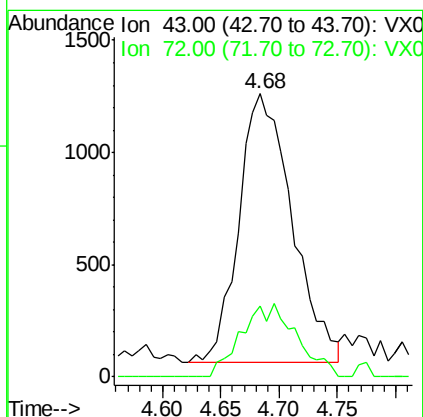
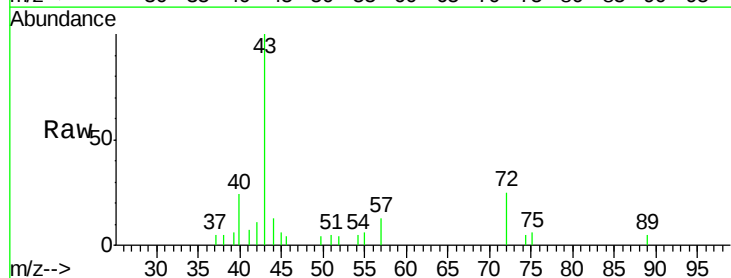
Instrument :
MSVOA_X
ClientSampleId :
WOOD-2

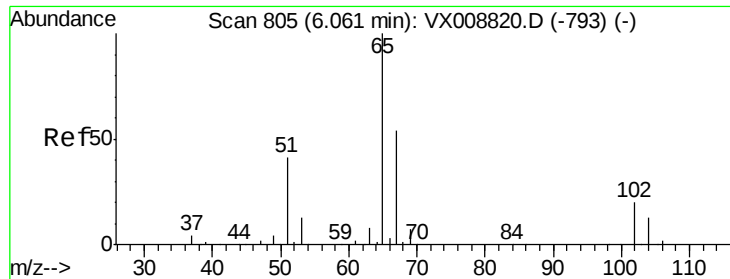
Tot Ion: 84 Resp: 58695
Ion Ratio Lower Upper
84 100
49 141.9 109.7 164.5
51 43.5 33.6 50.4
86 62.9 51.4 77.2



#25
2-Butanone
Concen: 1.537 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008842.D
Acq: 11 Apr 2019 06:34

Tgt Ion: 43 Resp: 3823
Ion Ratio Lower Upper
43 100
72 26.5 18.2 27.4

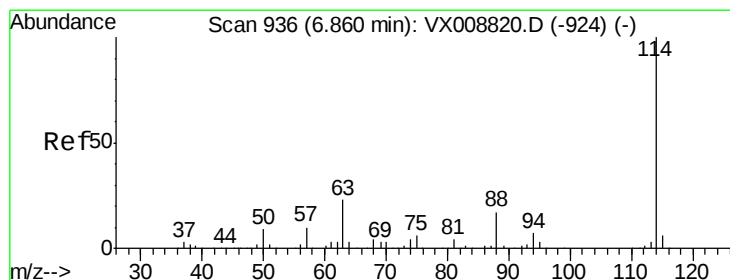
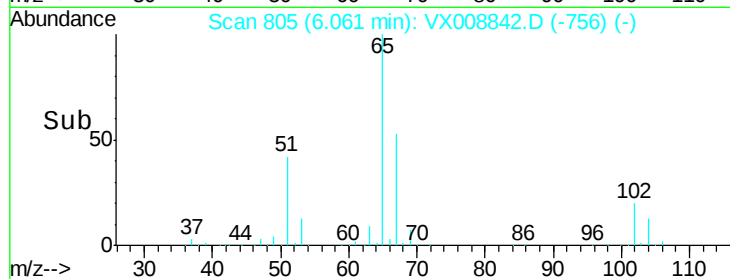
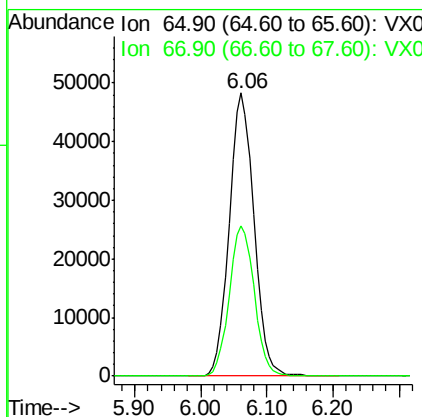
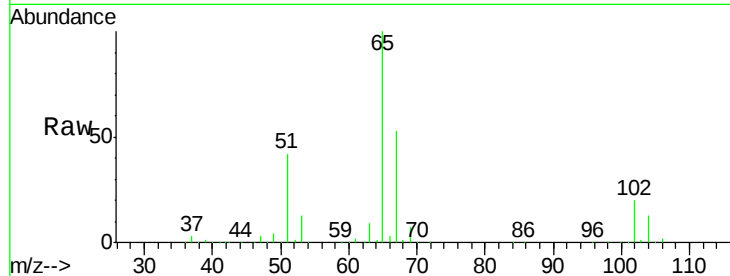




#33
 1,2-Dichloroethane-d4
 Concen: 45.927 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008842.D
 Acq: 11 Apr 2019 06:34

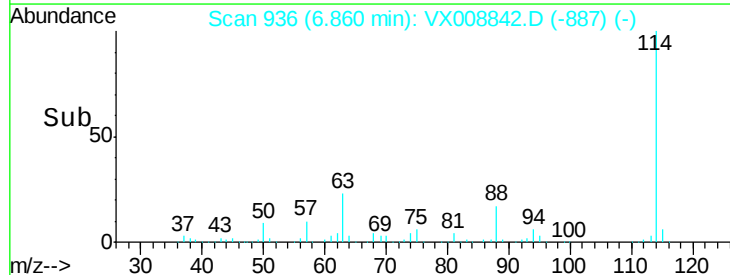
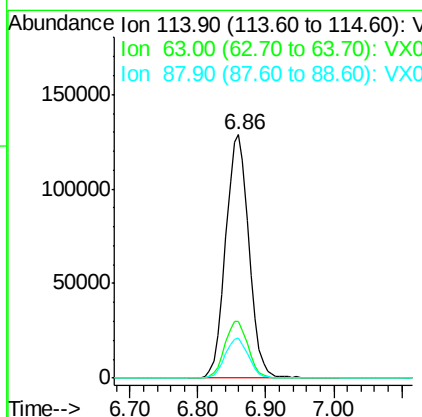
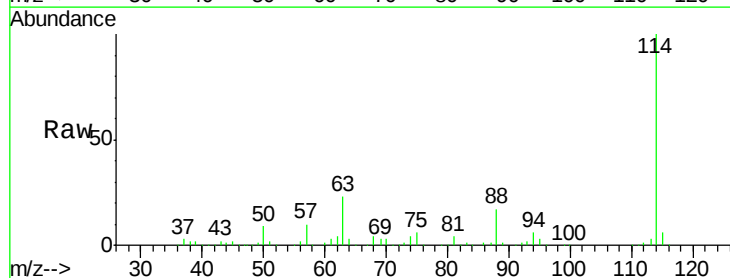
Instrument :
 MSVOA_X
 ClientSampled :
 WOOD-2

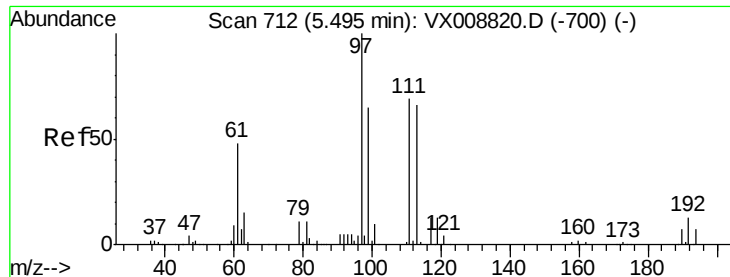
Tot Ion: 65 Resp: 125484
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008842.D
 Acq: 11 Apr 2019 06:34

Tgt Ion: 114 Resp: 304767
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.025 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008842.D

Acq: 11 Apr 2019 06:34

Instrument :

MSVOA_X

ClientSampled :

WOOD-2

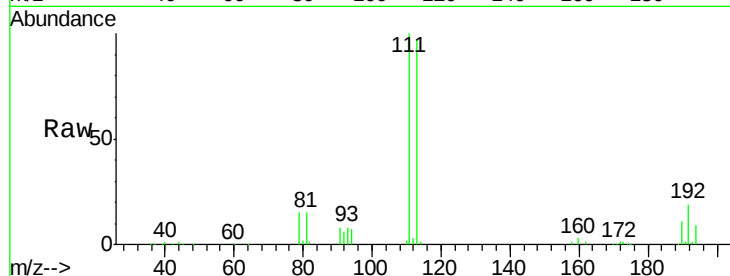
Tot Ion:113 Resp: 91632

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

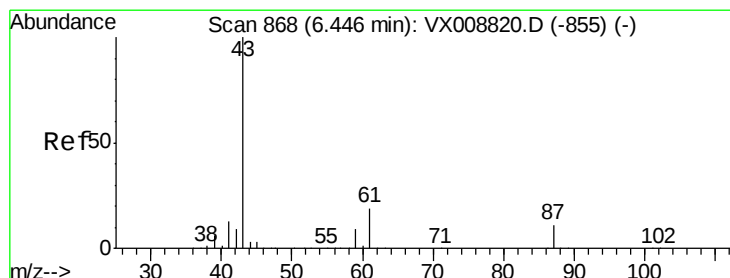
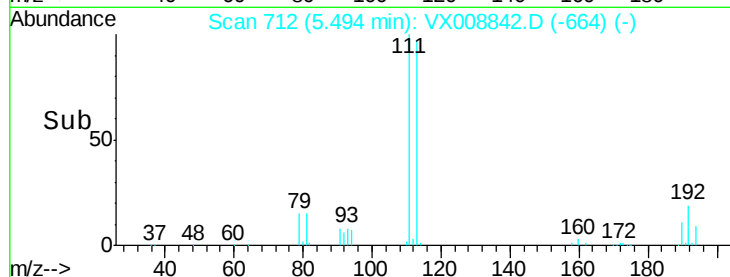
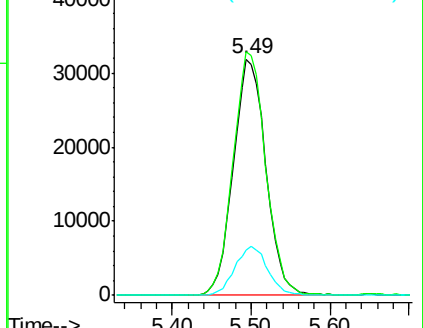
192 20.8 16.1 24.1



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



#43

Isopropyl Acetate

Concen: 1.438 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008842.D

Acq: 11 Apr 2019 06:34

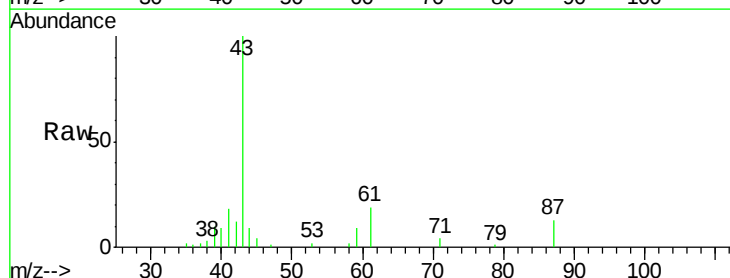
Tgt Ion: 43 Resp: 10017

Ion Ratio Lower Upper

43 100

61 21.2 15.3 22.9

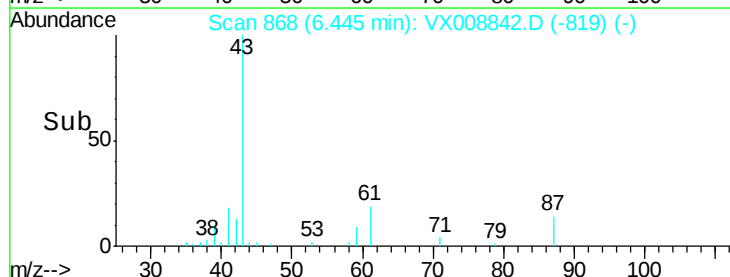
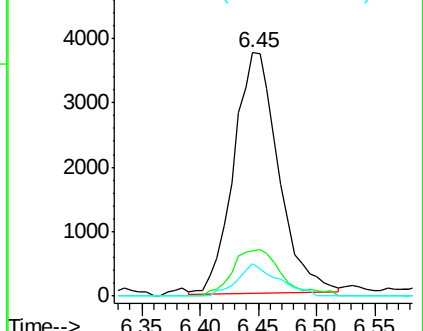
87 12.2 9.0 13.6

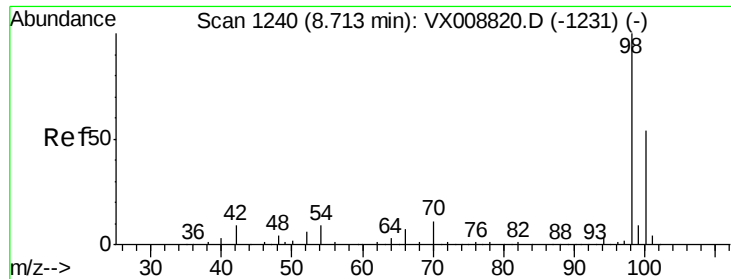


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.637 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008842.D

Acq: 11 Apr 2019 06:34

Instrument :

MSVOA_X

ClientSampled :

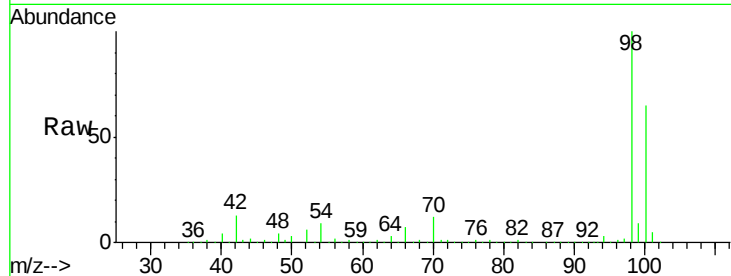
WOOD-2

Tot Ion: 98 Resp: 385119

Ion Ratio Lower Upper

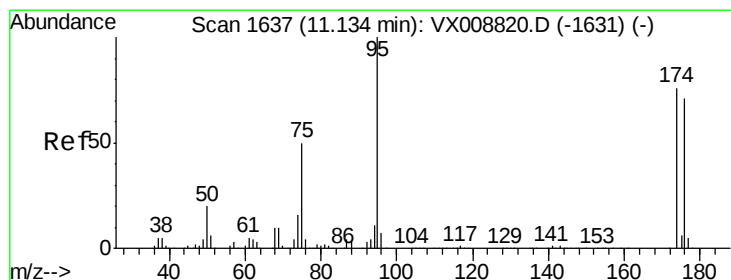
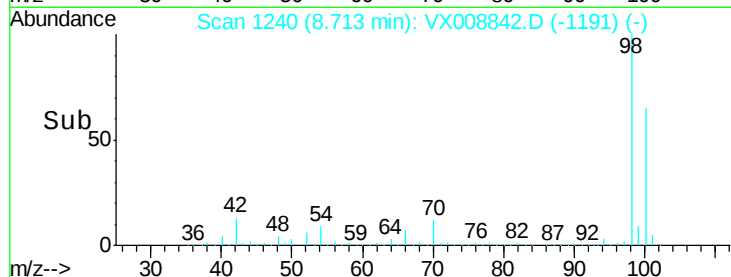
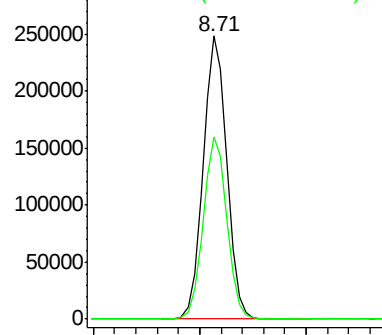
98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.112 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008842.D

Acq: 11 Apr 2019 06:34

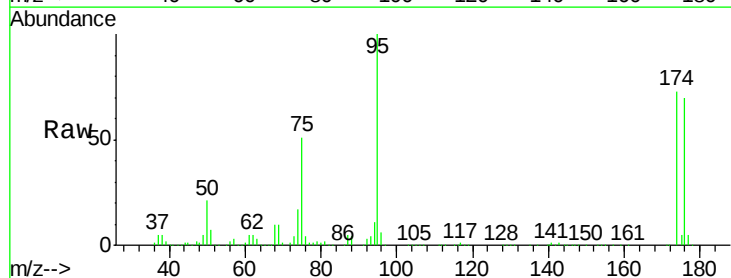
Tgt Ion: 95 Resp: 129622

Ion Ratio Lower Upper

95 100

174 78.4 0.0 151.8

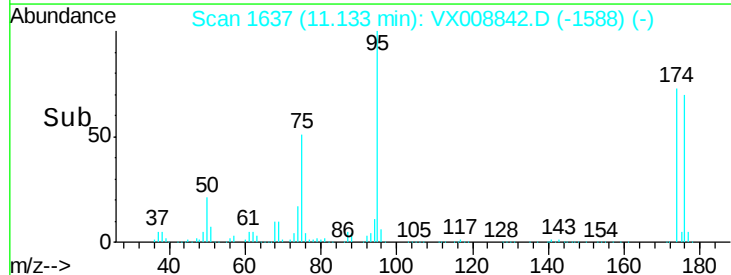
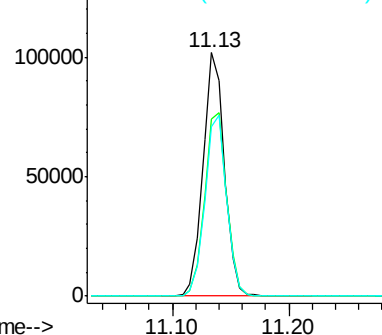
176 75.9 0.0 145.8

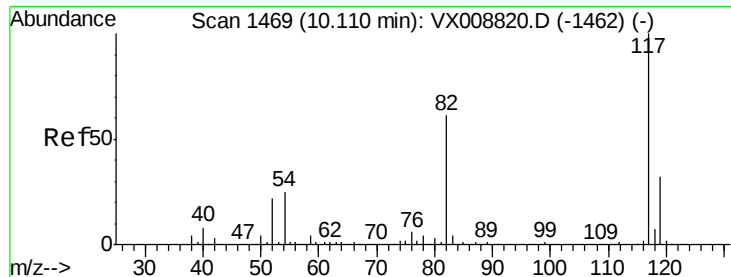


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

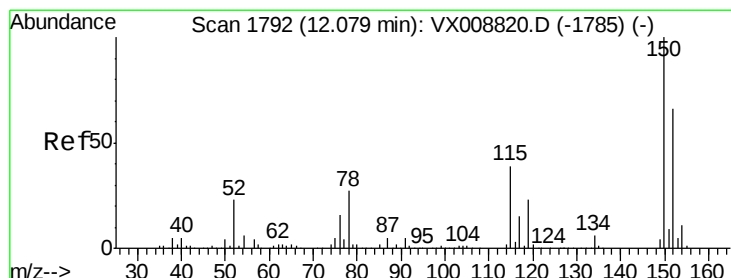
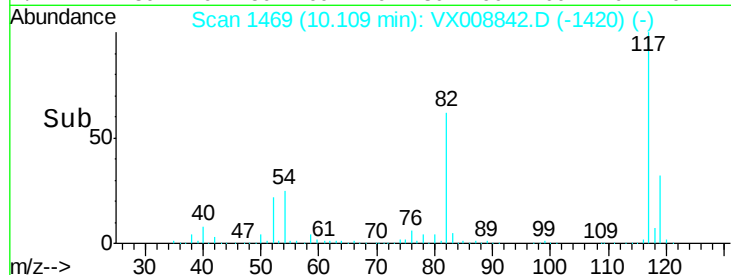
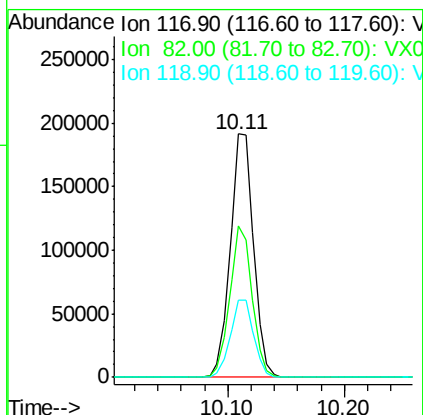
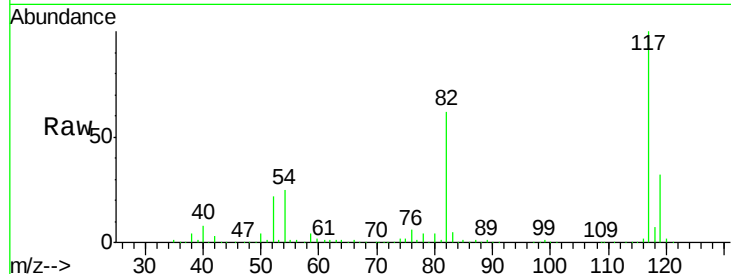




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008842.D
Acq: 11 Apr 2019 06:34

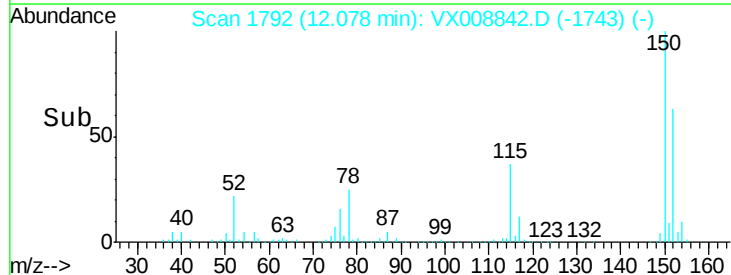
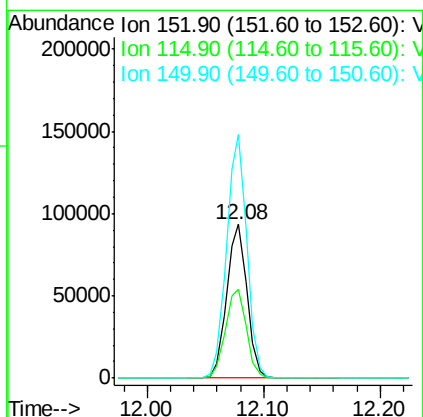
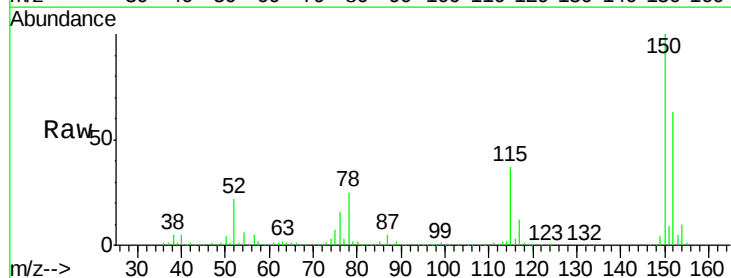
Instrument :
MSVOA_X
ClientSampled :
WOOD-2

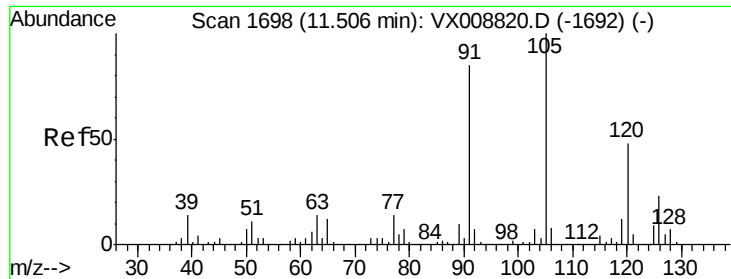
Tot Ion:117 Resp: 266500
Ion Ratio Lower Upper
117 100
82 62.1 49.6 74.4
119 31.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008842.D
Acq: 11 Apr 2019 06:34

Tgt Ion:152 Resp: 112642
Ion Ratio Lower Upper
152 100
115 59.7 43.5 130.5
150 157.8 0.0 348.8

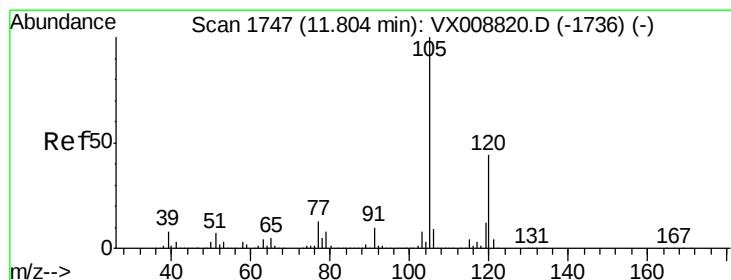
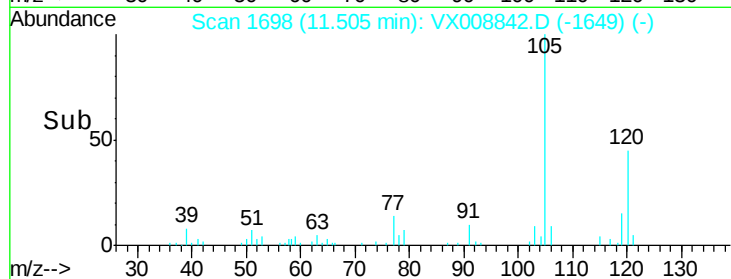
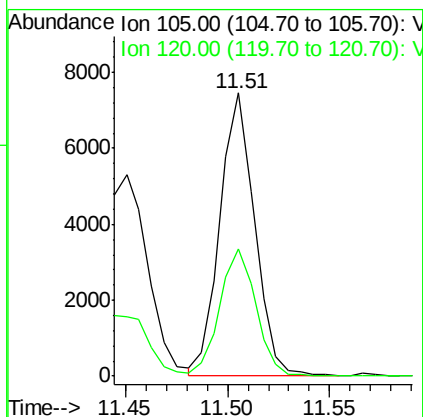
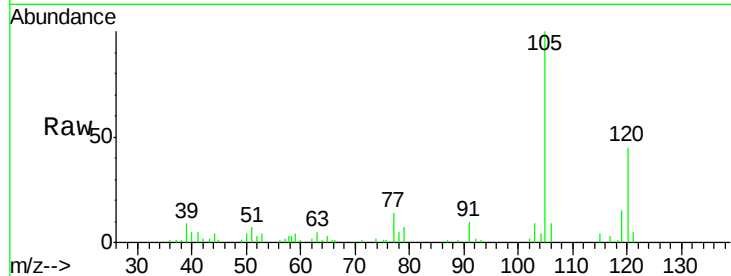




#80
 1,3,5-Trimethylbenzene
 Concen: 1.127 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008842.D
 Acq: 11 Apr 2019 06:34

Instrument :
 MSVOA_X
 ClientSampleId :
 WOOD-2

Tot Ion:105 Resp: 8833
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.043 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008842.D
 Acq: 11 Apr 2019 06:34

Tgt Ion:105 Resp: 24141
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.8 65.3

