

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002966.D
 Acq On : 28 Jun 2018 05:18
 Operator : JC/MD
 Sample : J3718-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-34

Quant Time: Jun 28 15:39:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211657	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	187130	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
35) Dibromofluoromethane	5.51	113	149912	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	8.72	98	540055	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.14	95	199263	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	

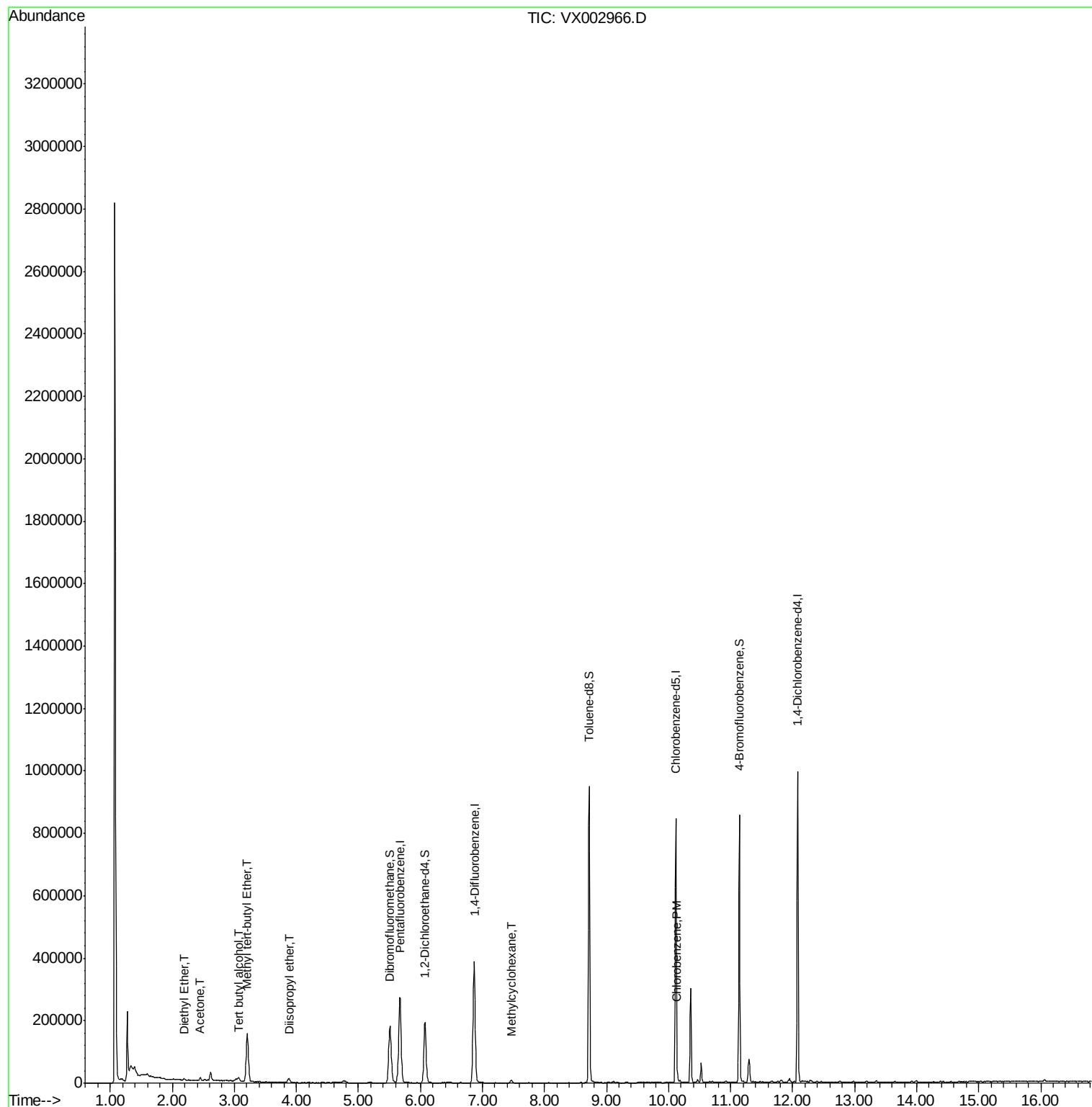
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.19	74	2139	1.13	ug/l	81
11) Tert butyl alcohol	3.07	59	17816	23.61	ug/l	100
16) Acetone	2.45	43	9498	6.05	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	173179	17.82	ug/l	99
22) Diisopropyl ether	3.87	45	14293	1.40	ug/l #	91
39) Methylcyclohexane	7.47	83	3070	0.62	ug/l #	88
65) Chlorobenzene	10.14	112	7376	0.80	ug/l	100

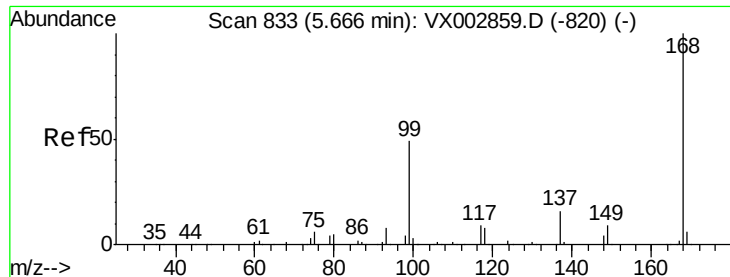
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002966.D

Acq: 28 Jun 2018 05:18

Instrument :

MSVOA_X

ClientSampleId :

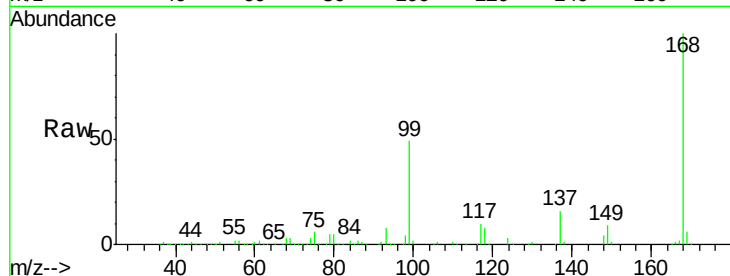
W-34

Tot Ion:168 Resp: 274097

Ion Ratio Lower Upper

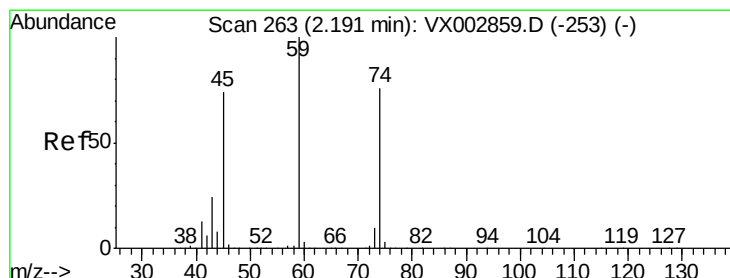
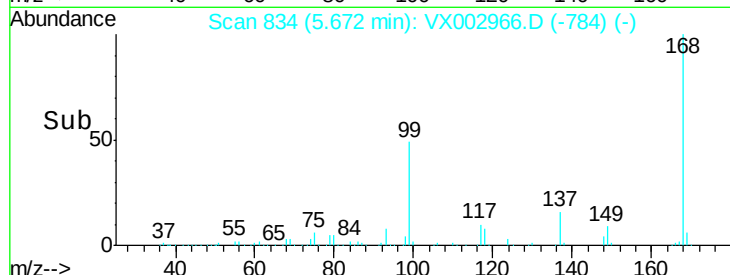
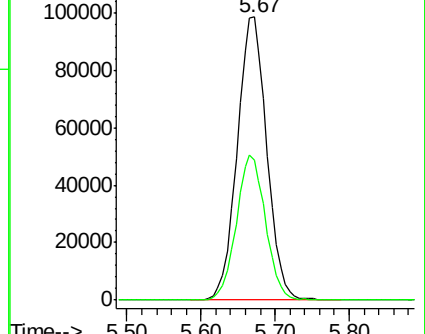
168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.13 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX002966.D

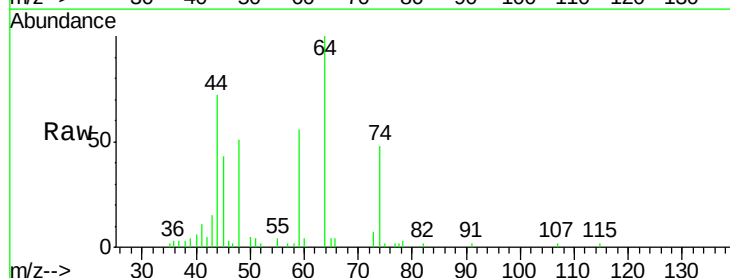
Acq: 28 Jun 2018 05:18

Tgt Ion: 74 Resp: 2139

Ion Ratio Lower Upper

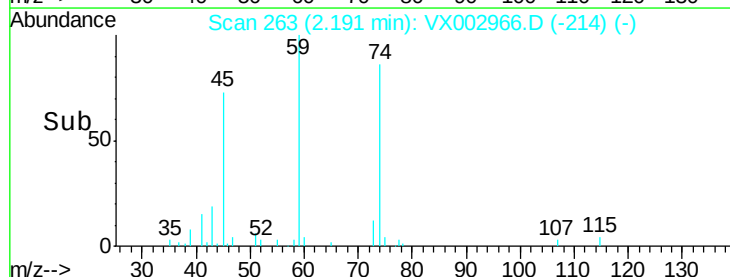
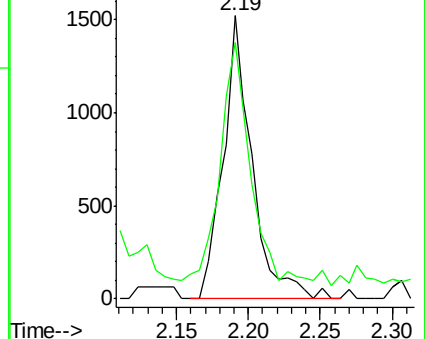
74 100

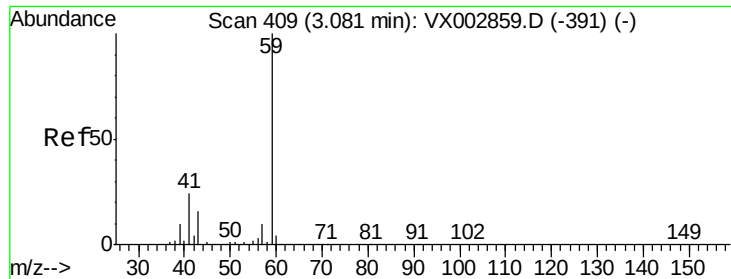
45 86.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

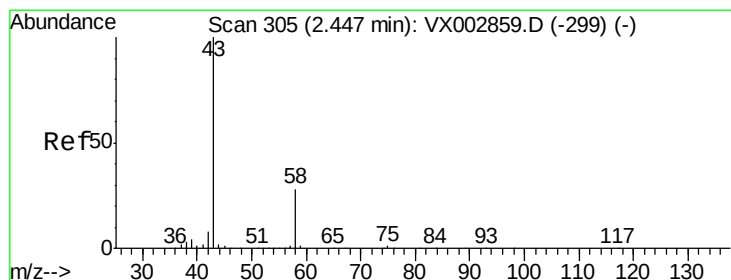
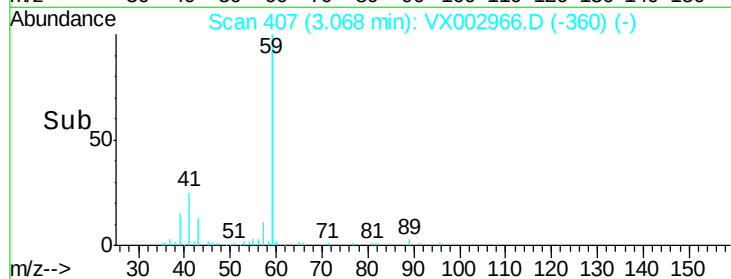
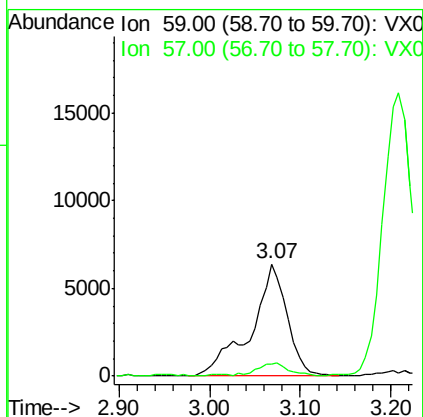
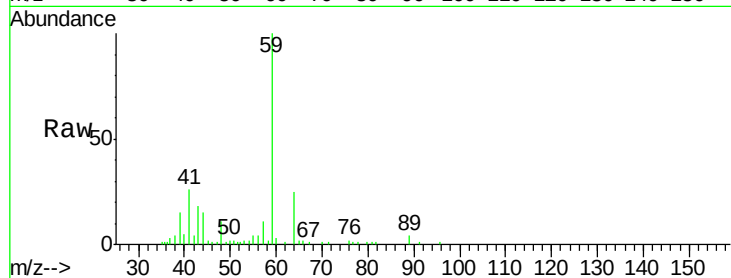




#11
Tert butyl alcohol
Concen: 23.61 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

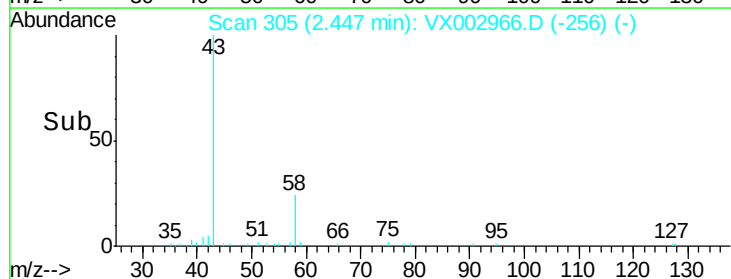
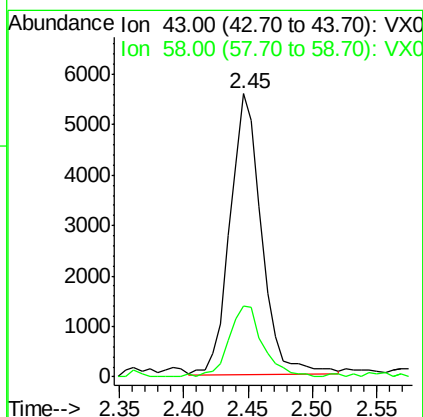
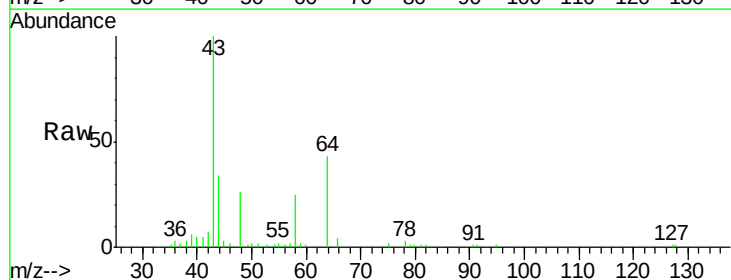
Instrument :
MSVOA_X
ClientSampled :
W-34

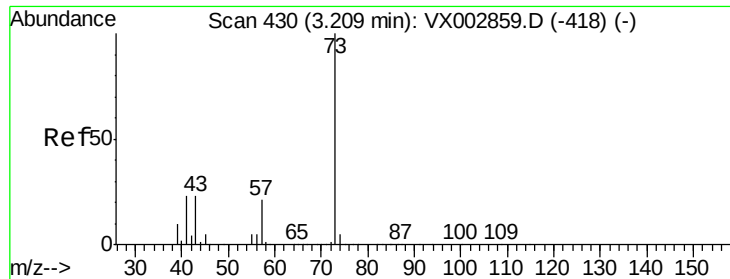
Tot Ion: 59 Resp: 17816
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#16
Acetone
Concen: 6.05 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 43 Resp: 9498
Ion Ratio Lower Upper
43 100
58 24.1 22.1 33.1

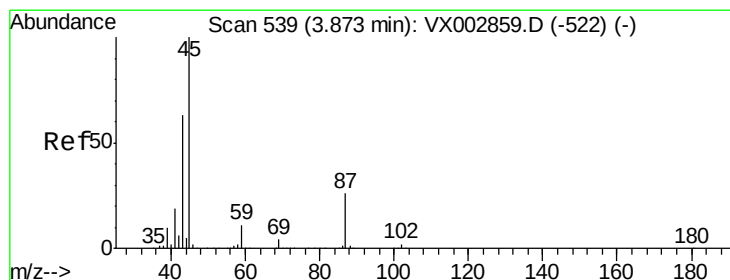
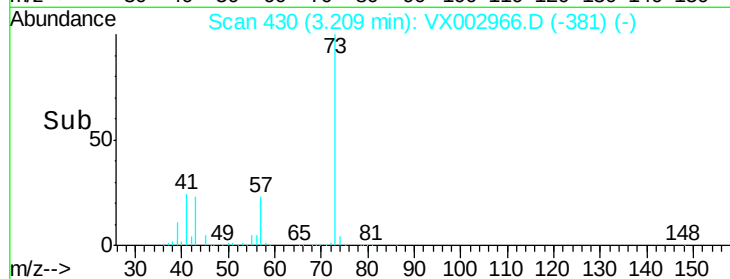
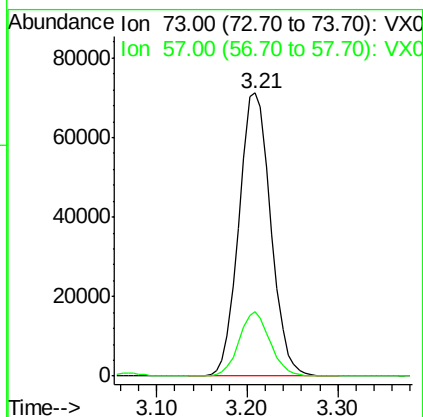
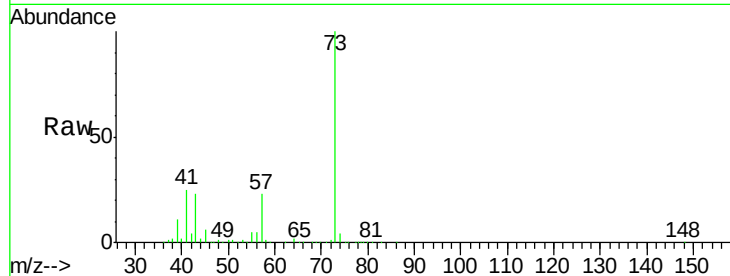




#19
Methvl tert-butvl Ether
Concen: 17.82 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

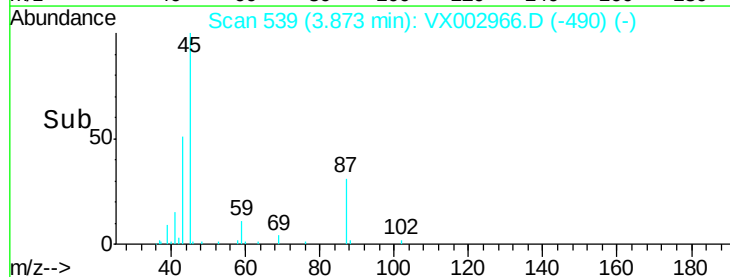
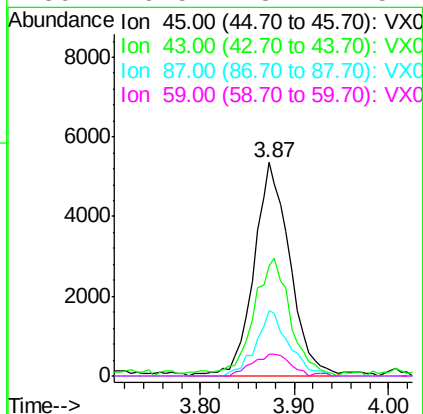
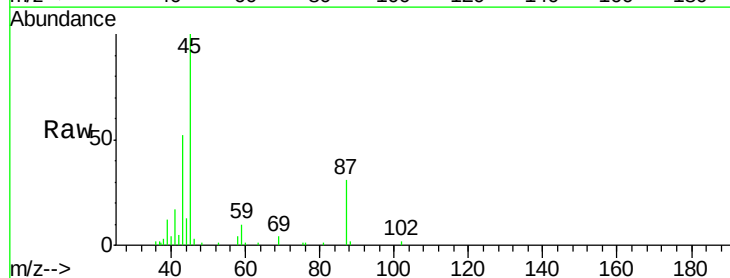
Instrument :
MSVOA_X
ClientSampleId :
W-34

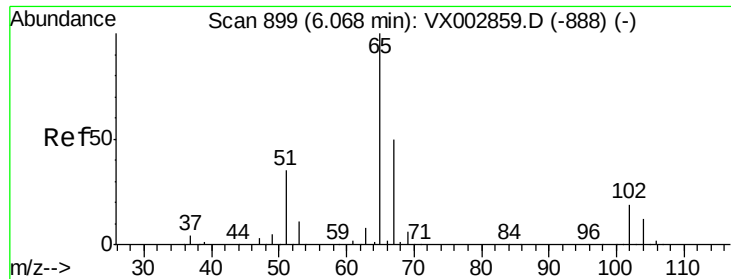
Tot Ion: 73 Resp: 173179
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#22
Diisopropyl ether
Concen: 1.40 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 45 Resp: 14293
Ion Ratio Lower Upper
45 100
43 51.6 46.8 70.2
87 30.6 20.2 30.4#
59 10.5 8.7 13.1

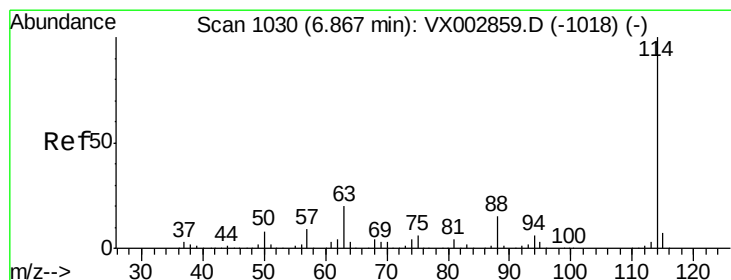
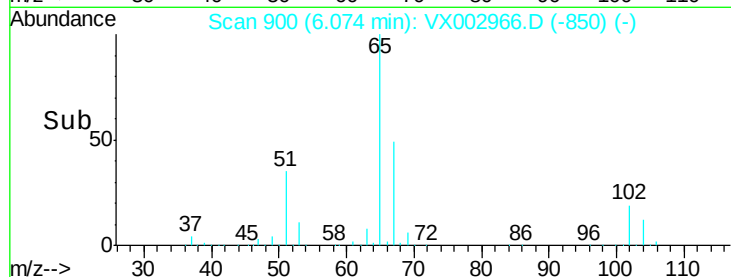
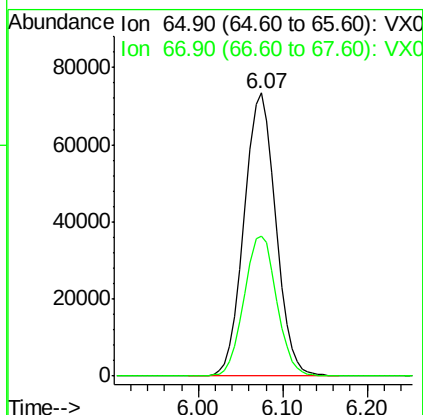
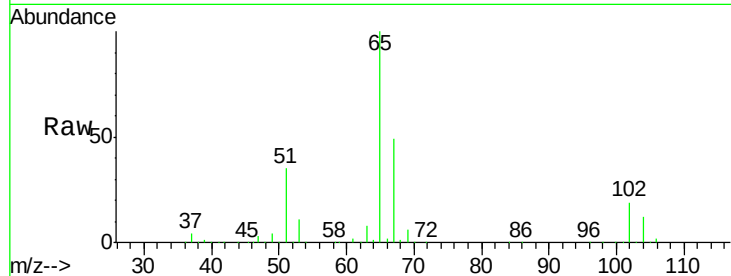




#33
 1,2-Dichloroethane-d4
 Concen: 49.39 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002966.D
 Acq: 28 Jun 2018 05:18

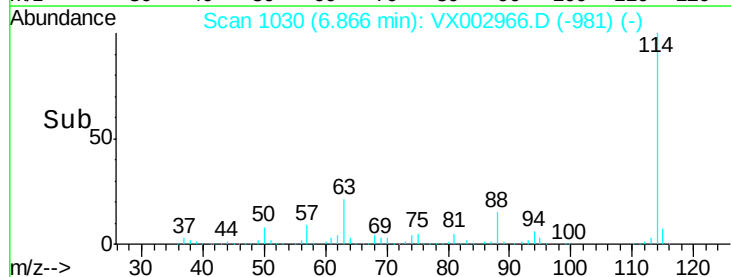
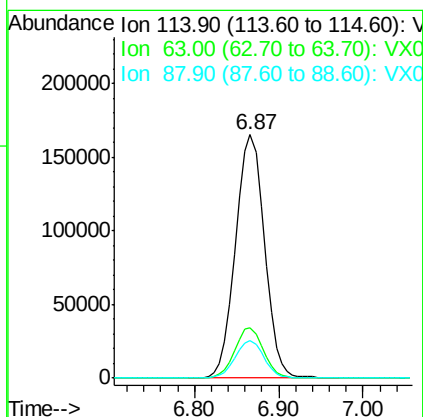
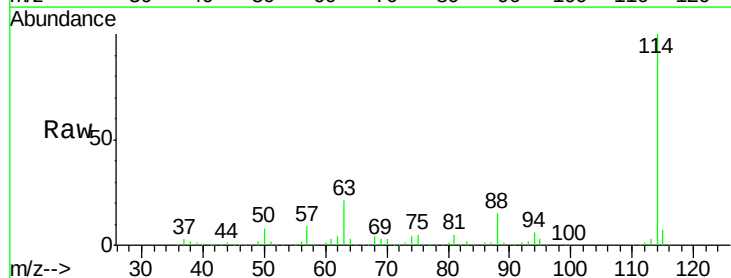
Instrument :
 MSVOA_X
 ClientSampled :
 W-34

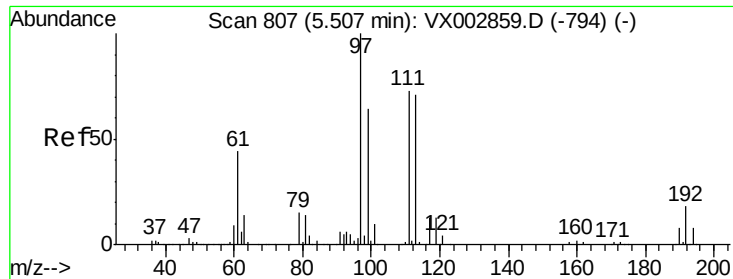
Tot Ion: 65 Resp: 187130
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002966.D
 Acq: 28 Jun 2018 05:18

Tgt Ion:114 Resp: 385024
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.17 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002966.D

Acq: 28 Jun 2018 05:18

Instrument :

MSVOA_X

ClientSampled :

W-34

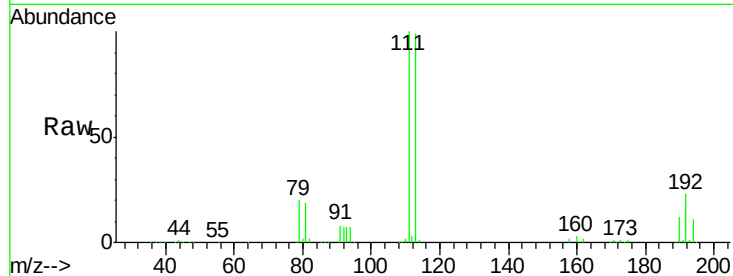
Tot Ion:113 Resp: 149912

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

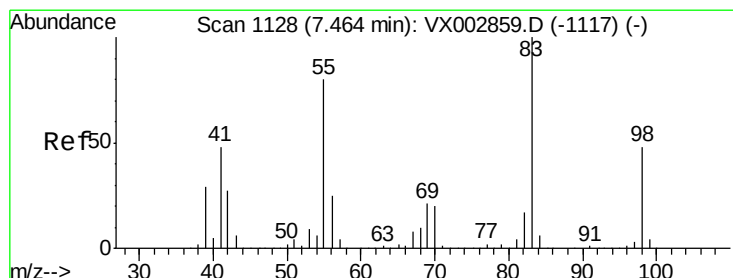
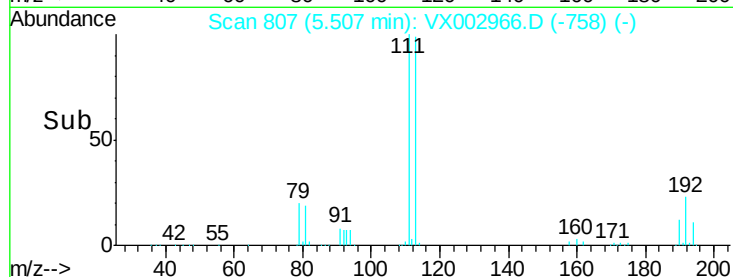
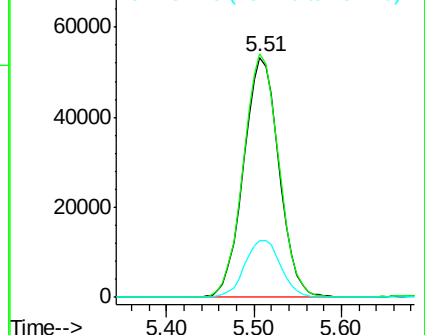
192 24.3 19.1 28.7



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



#39

Methylcyclohexane

Concen: 0.62 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002966.D

Acq: 28 Jun 2018 05:18

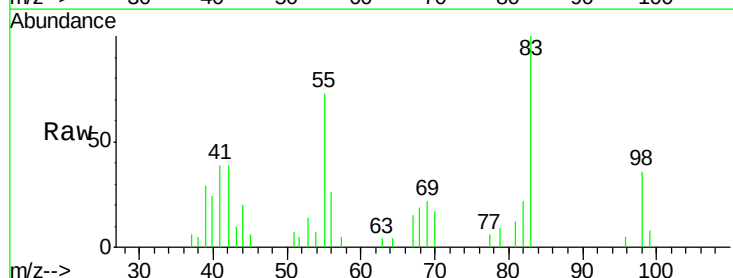
Tgt Ion: 83 Resp: 3070

Ion Ratio Lower Upper

83 100

55 73.2 65.4 98.0

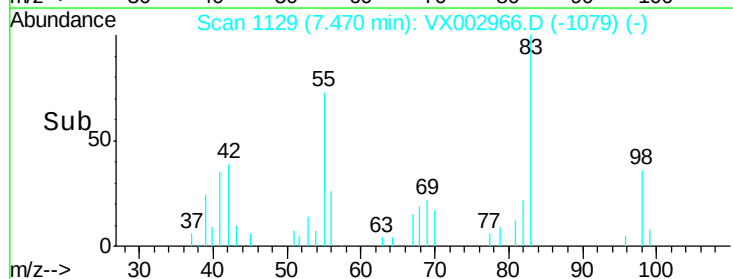
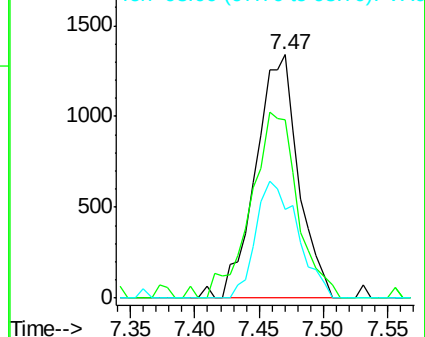
98 36.2 37.4 56.0#

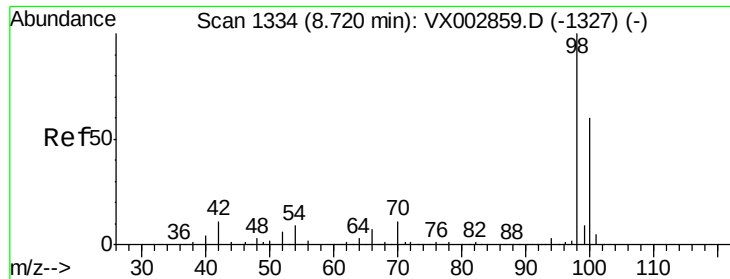


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

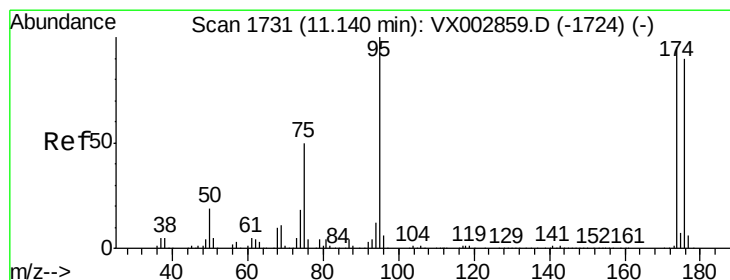
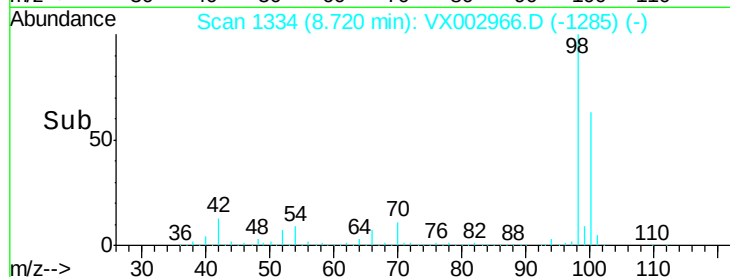
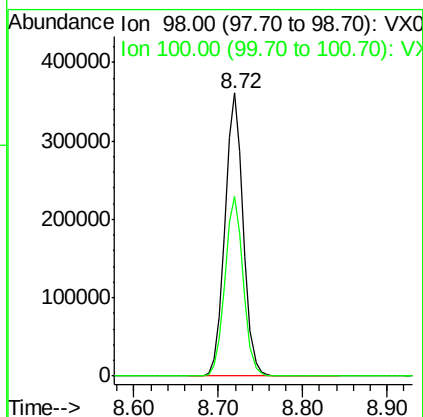
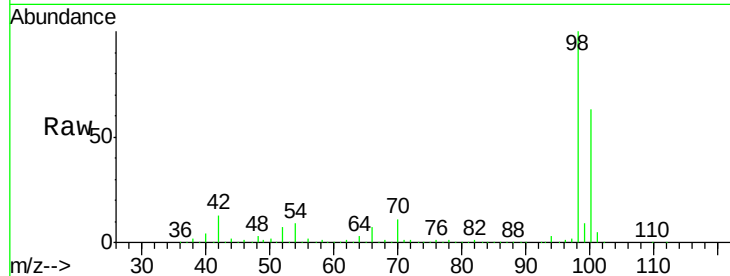




#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

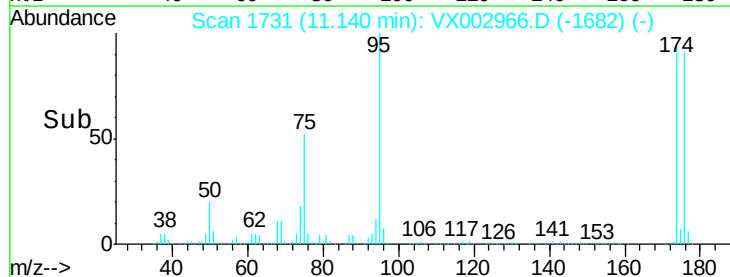
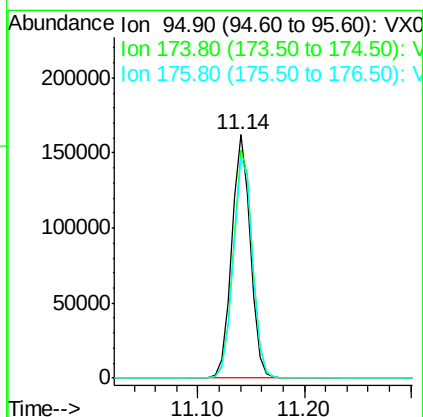
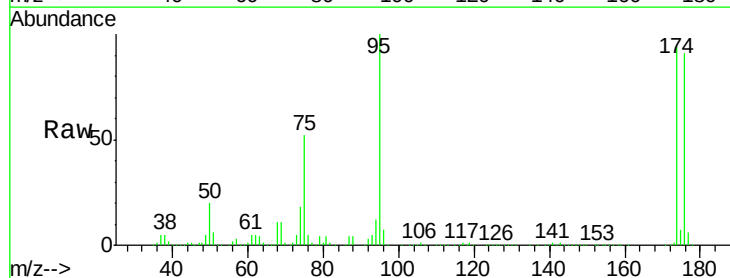
Instrument :
MSVOA_X
ClientSampled :
W-34

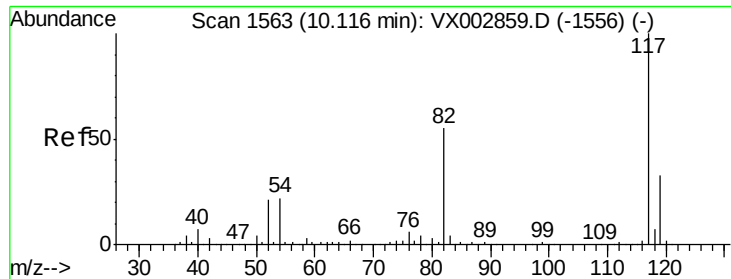
Tot Ion: 98 Resp: 540055
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 95 Resp: 199263
Ion Ratio Lower Upper
95 100
174 96.4 0.0 187.4
176 93.4 0.0 181.0

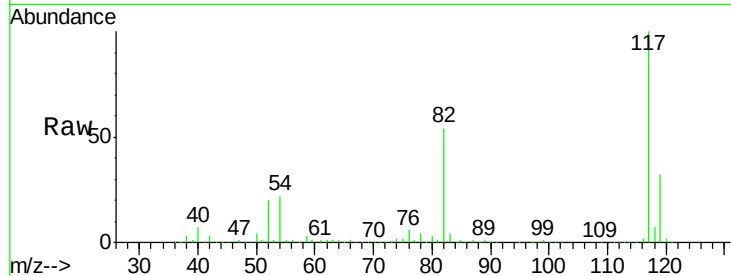




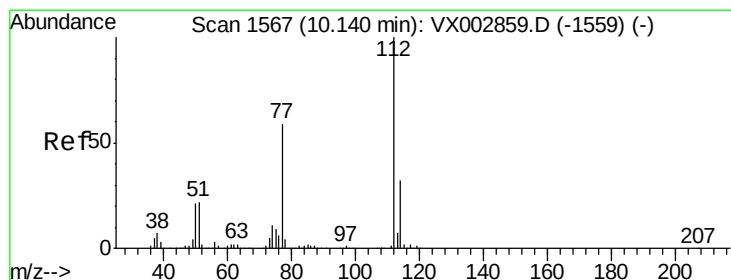
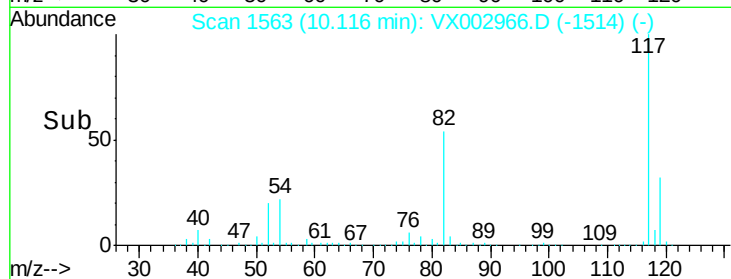
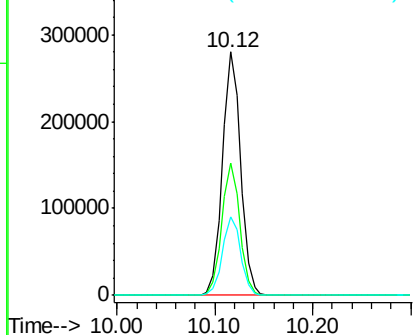
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampled :
W-34

Tot Ion:117 Resp: 361741
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.0 25.8 38.6

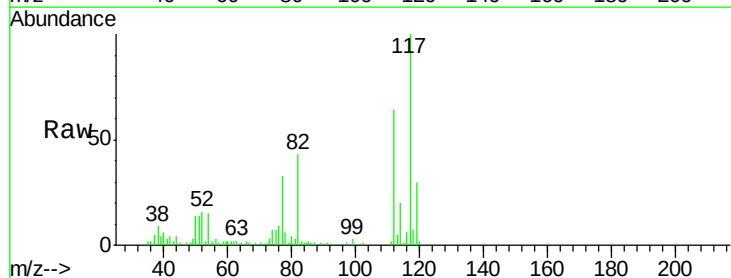


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

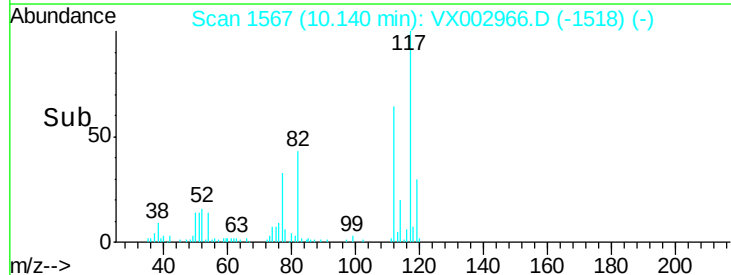
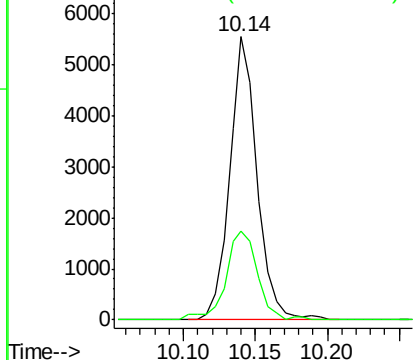


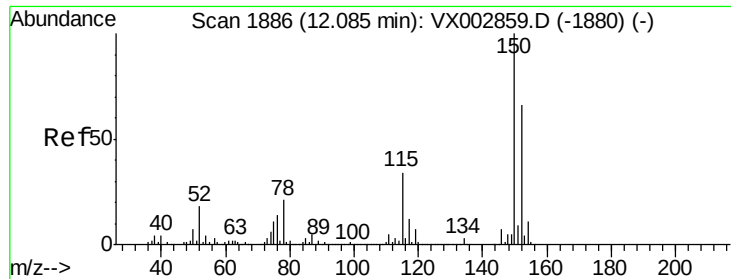
#65
Chlorobenzene
Concen: 0.80 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion:112 Resp: 7376
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002966.D

Acq: 28 Jun 2018 05:18

Instrument :

MSVOA_X

ClientSampleId :

W-34

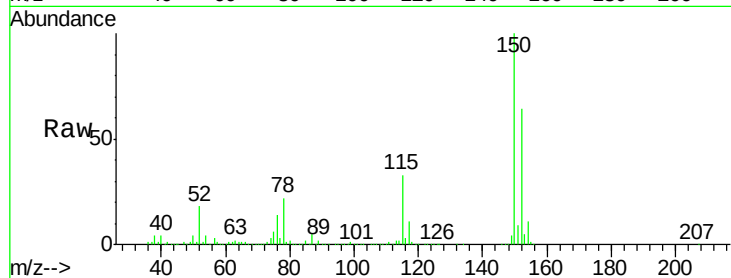
Tot Ion:152 Resp: 211657

Ion Ratio Lower Upper

152 100

115 54.3 40.1 120.2

150 156.9 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

