

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010041.D
 Acq On : 03 Jun 2019 17:11
 Operator : JC/SP
 Sample : K2641-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-053119-A

Quant Time: Jun 04 04:55:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113617	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117952	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
35) Dibromofluoromethane	5.50	113	88635	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	367363	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	123953	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

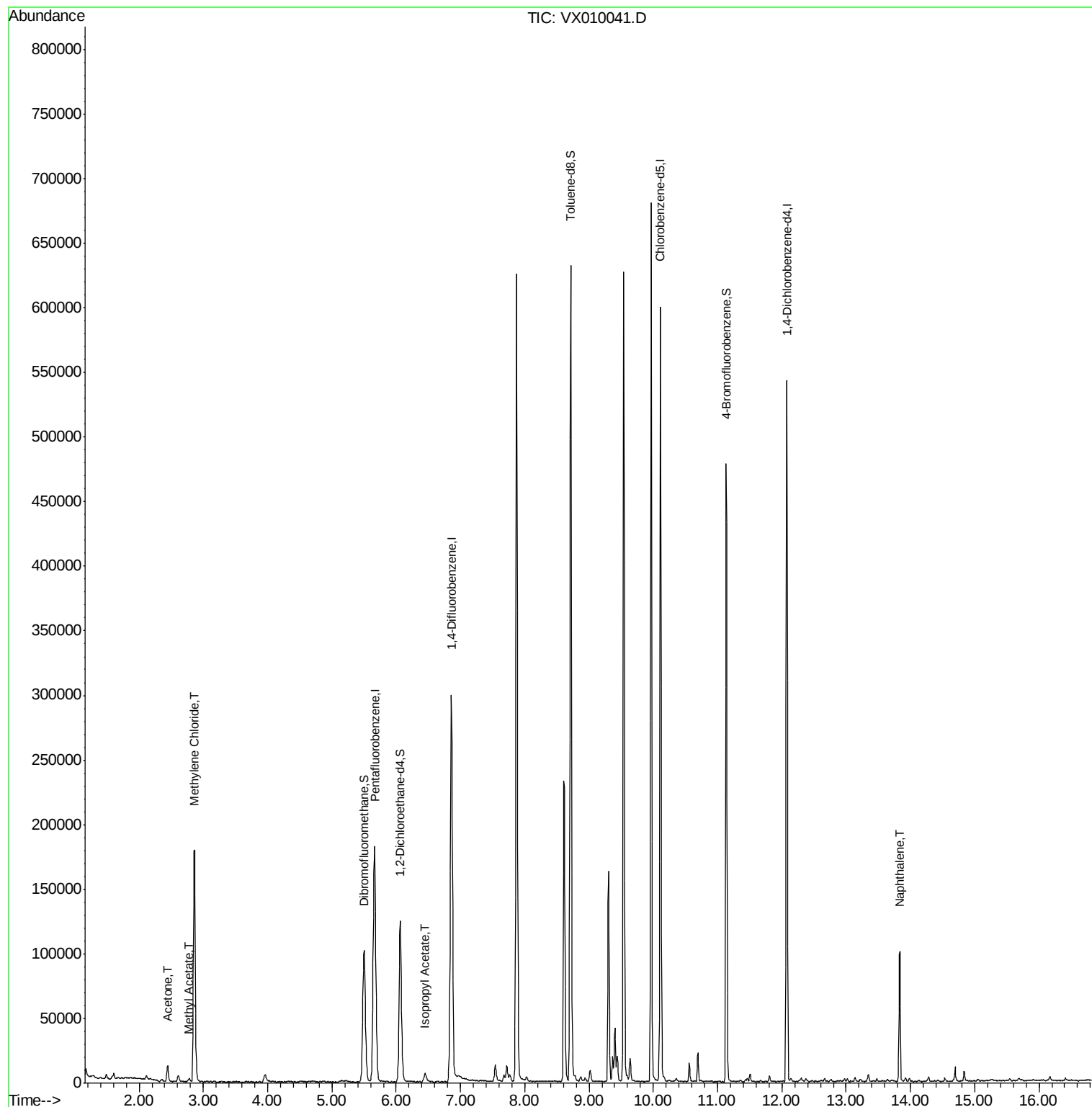
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13264	9.133	ug/l	99
18) Methyl Acetate	2.78	43	3802	1.125	ug/l	94
20) Methylene Chloride	2.86	84	82177	36.950	ug/l	97
43) Isopropyl Acetate	6.45	43	9970	1.512	ug/l	95
95) Naphthalene	13.83	128	62014	7.436	ug/l	99

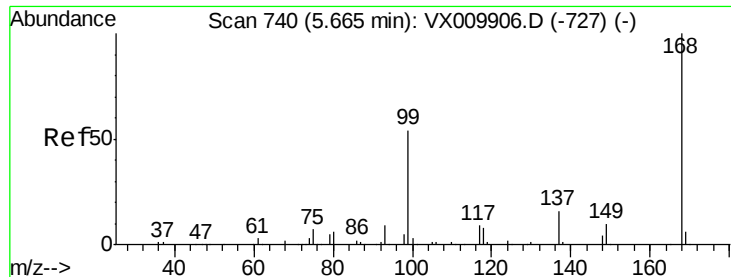
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
CL-02-053119-A

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010041.D

Acq: 03 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

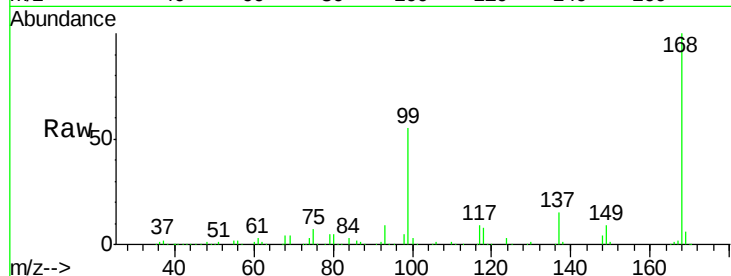
CL-02-053119-A

Tot Ion:168 Resp: 177942

Ion Ratio Lower Upper

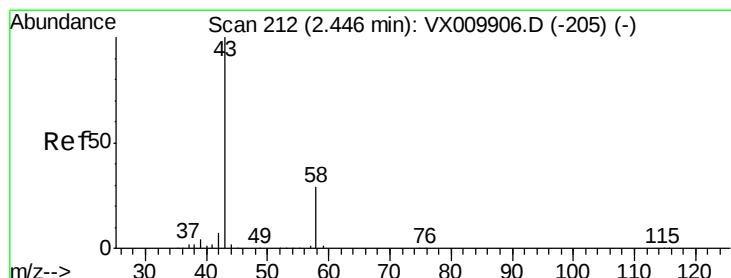
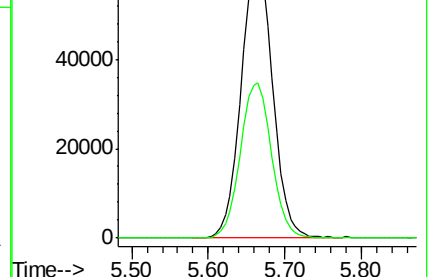
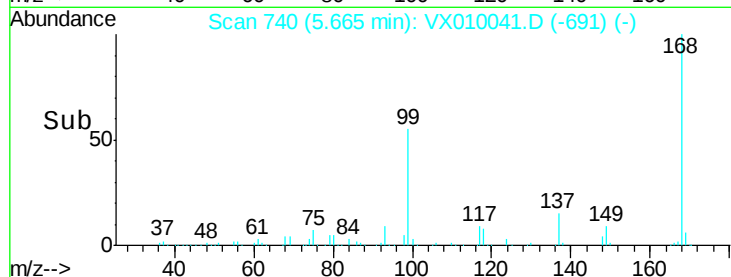
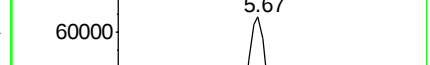
168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.133 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010041.D

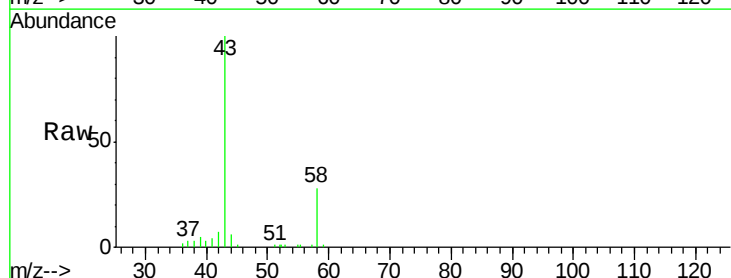
Acq: 03 Jun 2019 17:11

Tgt Ion: 43 Resp: 13264

Ion Ratio Lower Upper

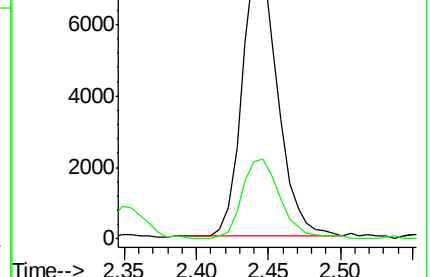
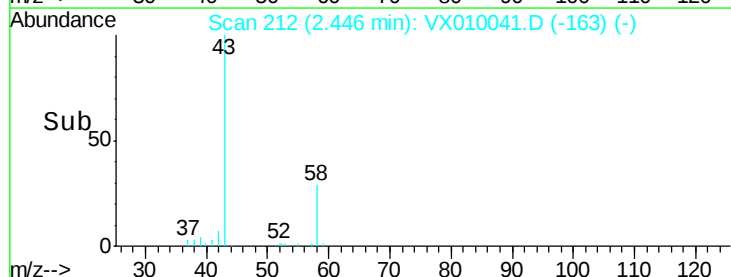
43 100

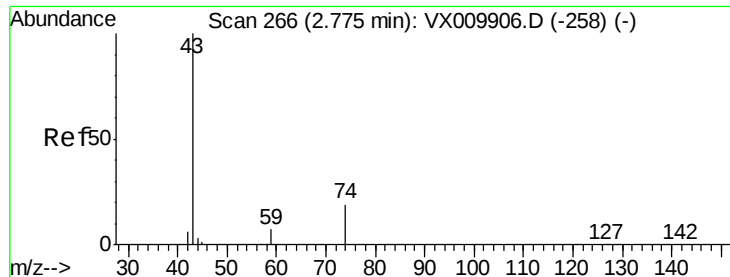
58 28.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

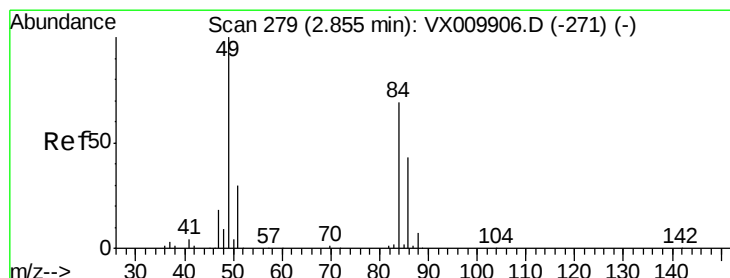
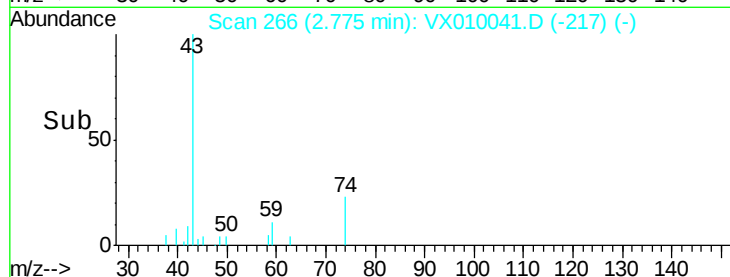
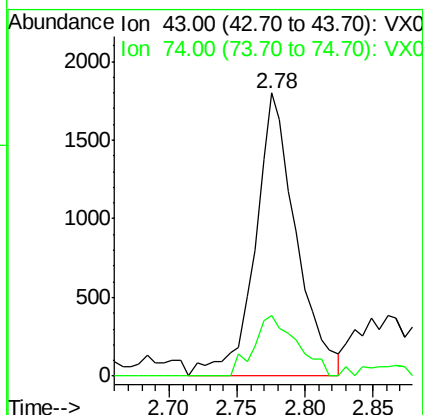
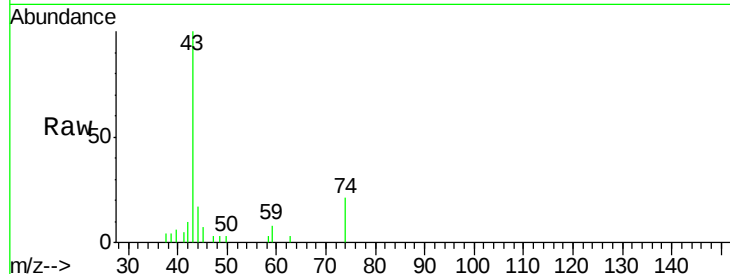




#18
Methyl Acetate
Concen: 1.125 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010041.D
Acq: 03 Jun 2019 17:11

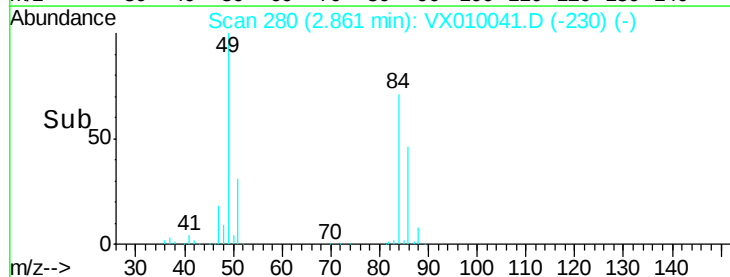
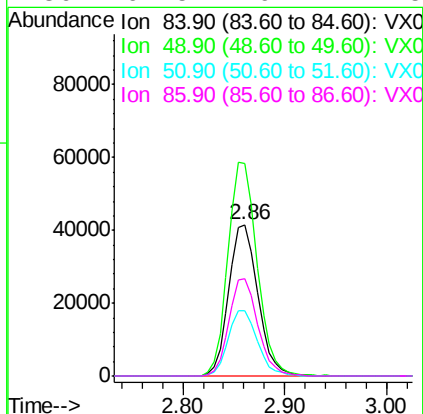
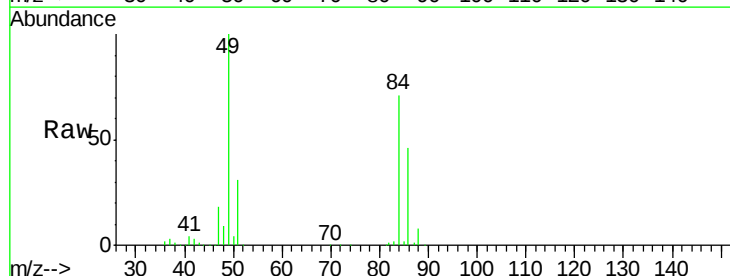
Instrument :
MSVOA_X
ClientSampleId :
CL-02-053119-A

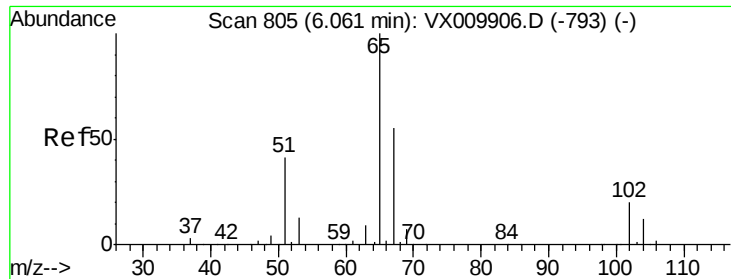
Tot Ion: 43 Resp: 3802
Ion Ratio Lower Upper
43 100
74 22.5 15.8 23.6



#20
Methylene Chloride
Concen: 36.950 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010041.D
Acq: 03 Jun 2019 17:11

Tgt Ion: 84 Resp: 82177
Ion Ratio Lower Upper
84 100
49 140.5 115.8 173.6
51 43.1 34.4 51.6
86 64.5 49.7 74.5

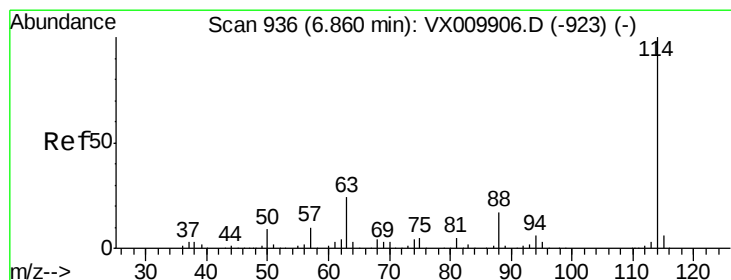
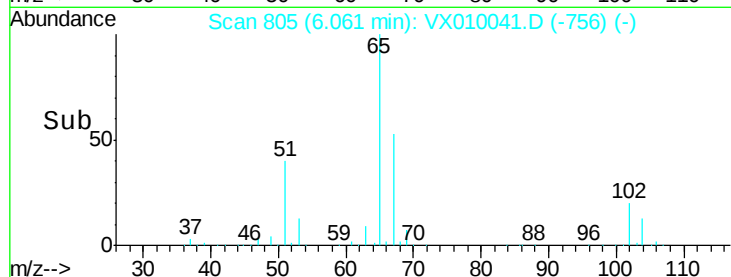
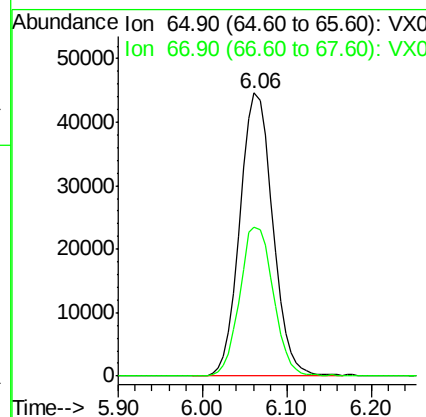
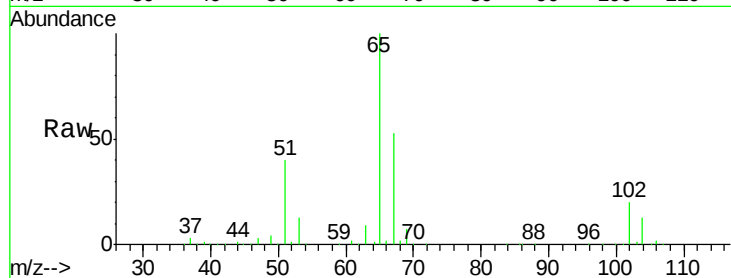




#33
 1,2-Dichloroethane-d4
 Concen: 46.926 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010041.D
 Acq: 03 Jun 2019 17:11

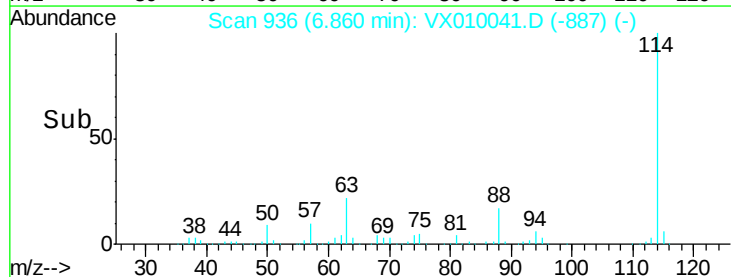
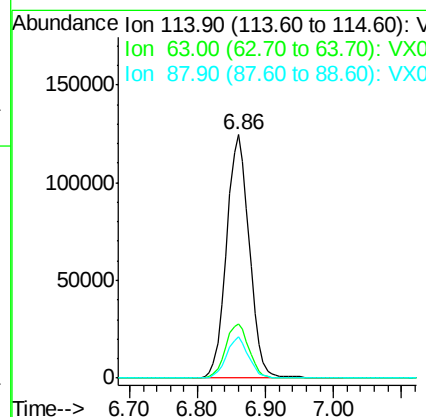
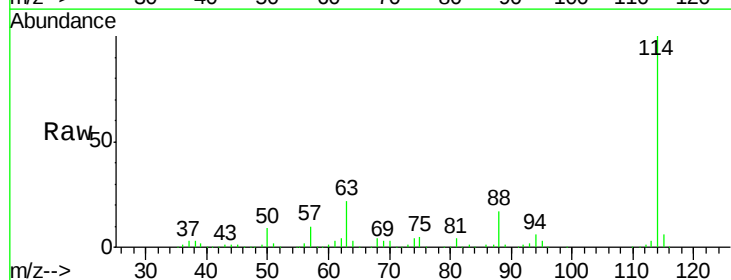
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-053119-A

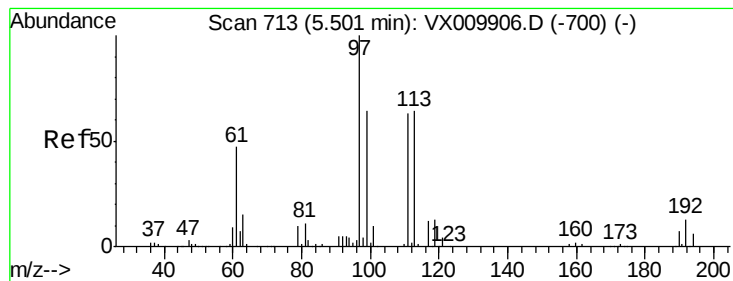
Tot Ion: 65 Resp: 117952
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010041.D
 Acq: 03 Jun 2019 17:11

Tgt Ion: 114 Resp: 289155
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 47.4
 88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.756 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010041.D

Acq: 03 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

CL-02-053119-A

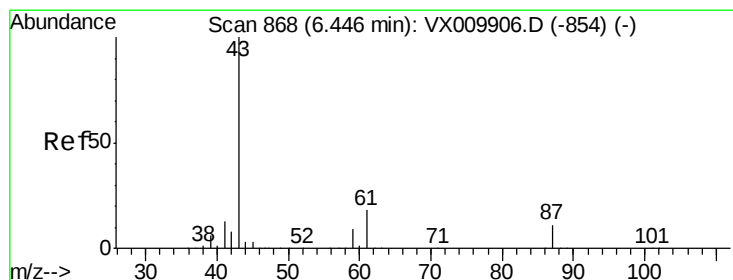
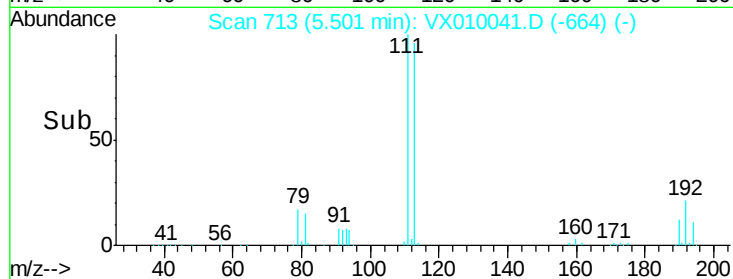
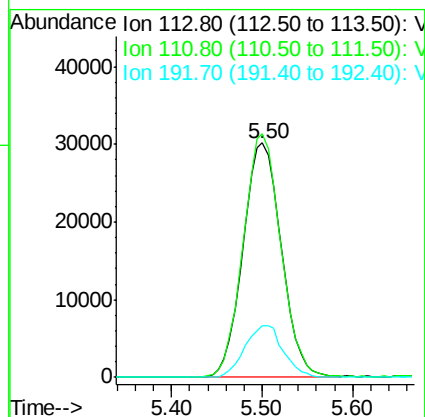
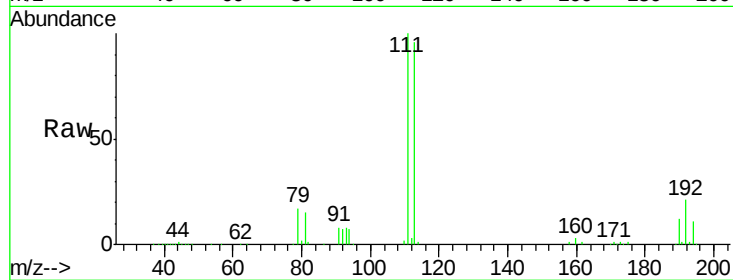
Tot Ion:113 Resp: 88635

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 22.1 17.1 25.7



#43

Isopropyl Acetate

Concen: 1.512 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010041.D

Acq: 03 Jun 2019 17:11

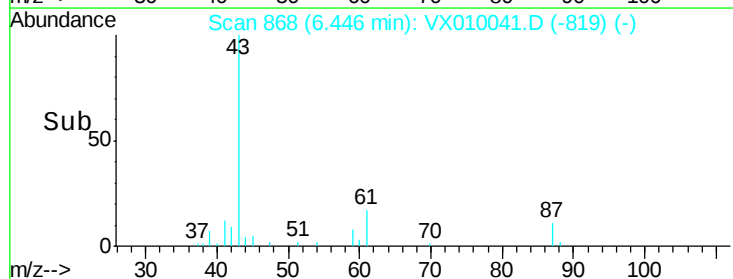
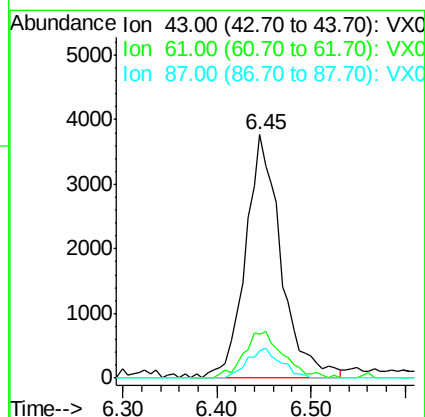
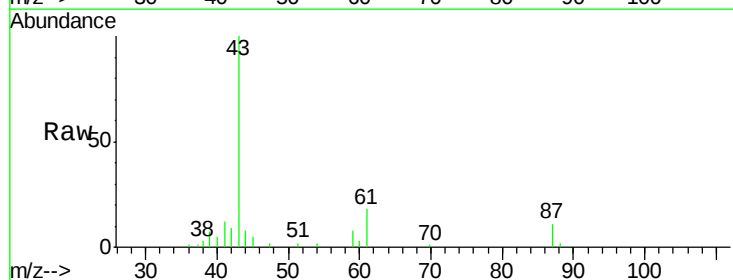
Tgt Ion: 43 Resp: 9970

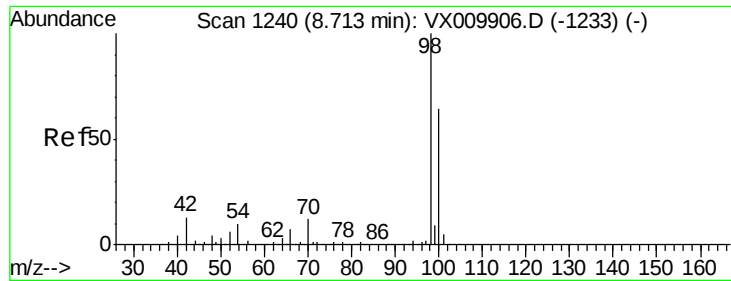
Ion Ratio Lower Upper

43 100

61 21.1 14.6 21.8

87 11.6 8.7 13.1

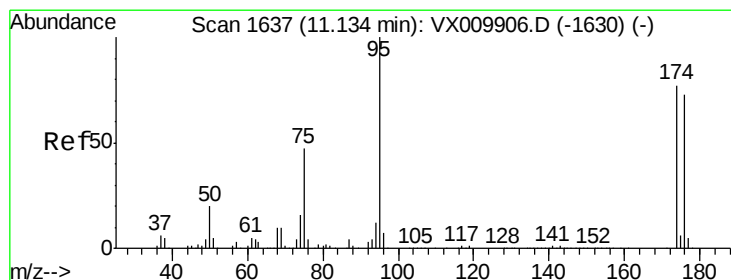
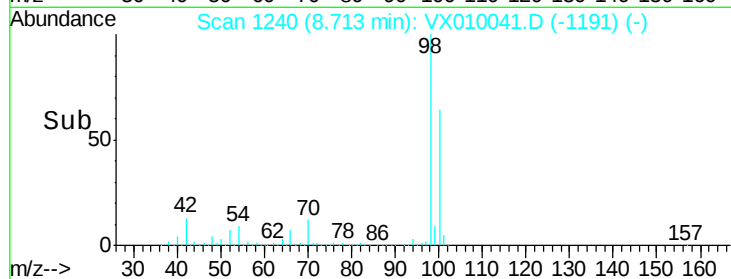
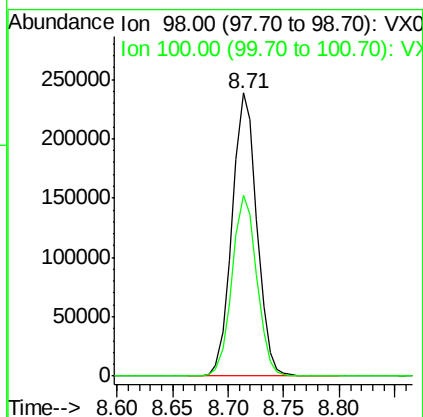
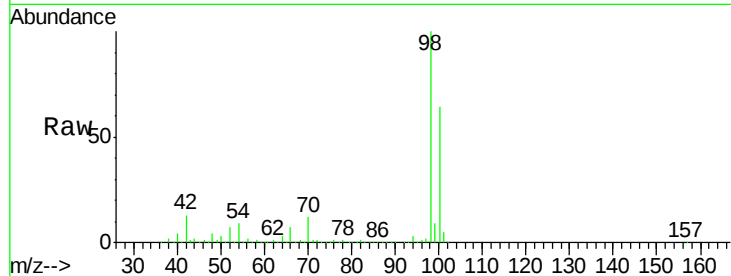




#50
Toluene-d8
Concen: 49.763 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010041.D
Acq: 03 Jun 2019 17:11

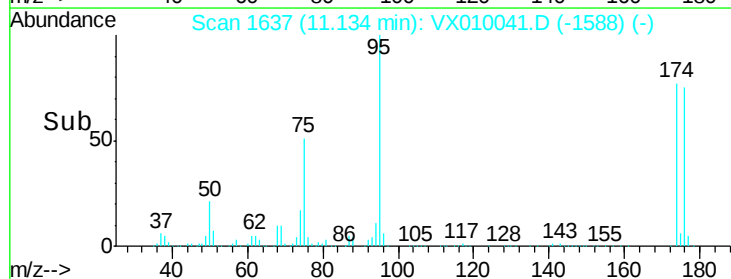
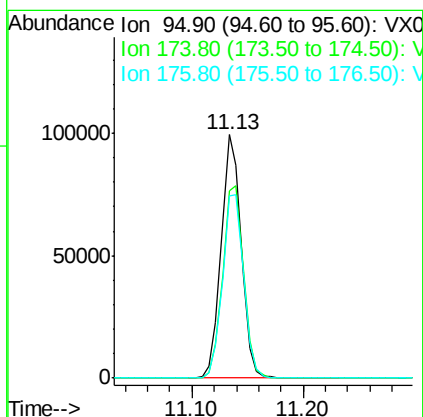
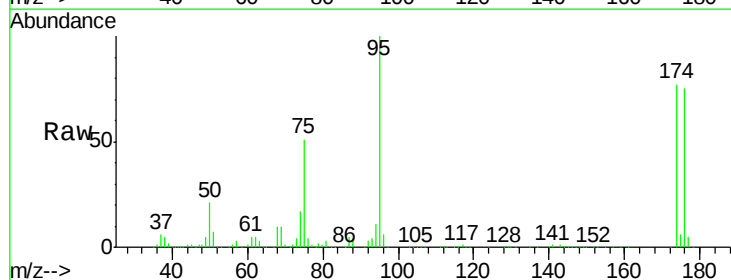
Instrument :
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ClientSampleId :
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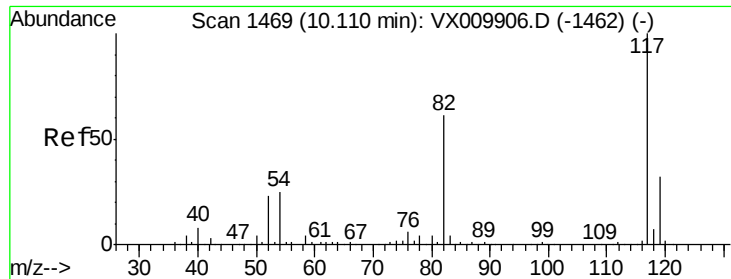
Tot Ion: 98 Resp: 367363
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.747 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010041.D
Acq: 03 Jun 2019 17:11

Tgt Ion: 95 Resp: 123953
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.4
176 79.2 0.0 154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010041.D

Acq: 03 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

CL-02-053119-A

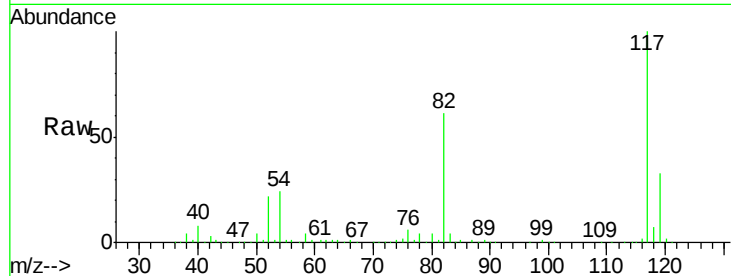
Tot Ion:117 Resp: 259735

Ion Ratio Lower Upper

117 100

82 61.2 49.2 73.8

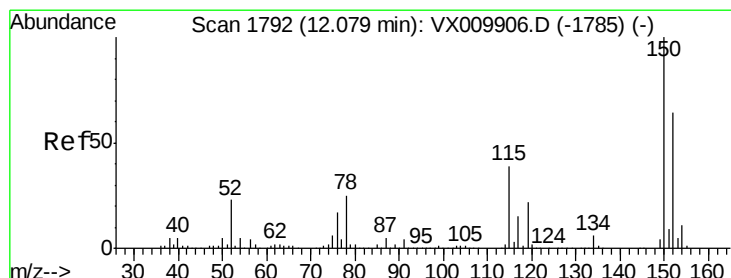
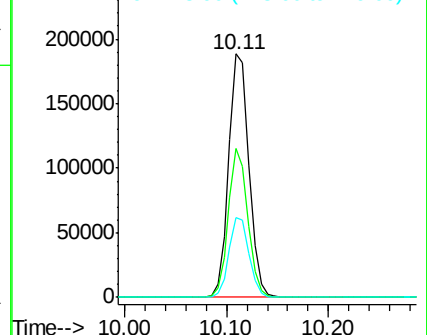
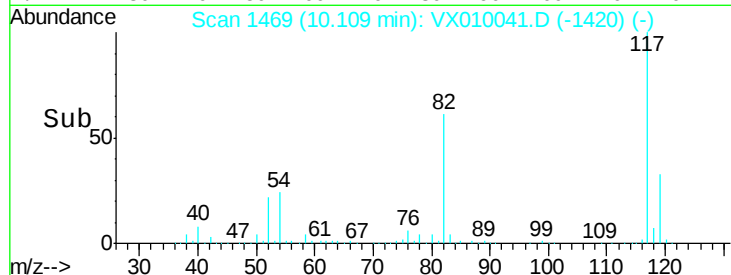
119 32.5 25.2 37.8



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010041.D

Acq: 03 Jun 2019 17:11

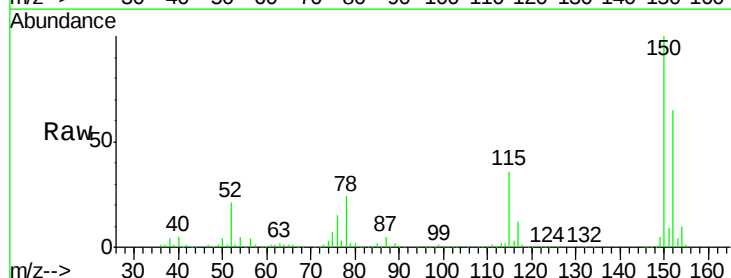
Tgt Ion:152 Resp: 113617

Ion Ratio Lower Upper

152 100

115 57.8 41.4 124.2

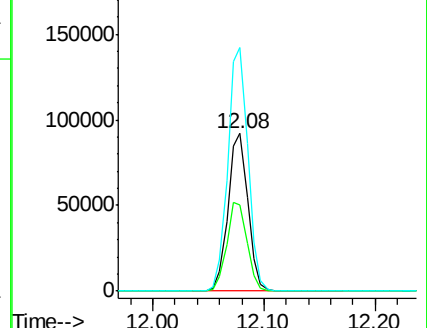
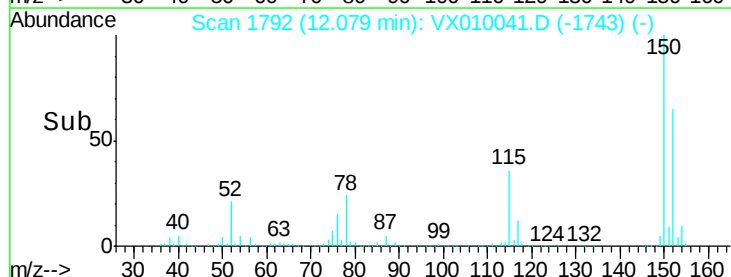
150 156.6 0.0 345.2

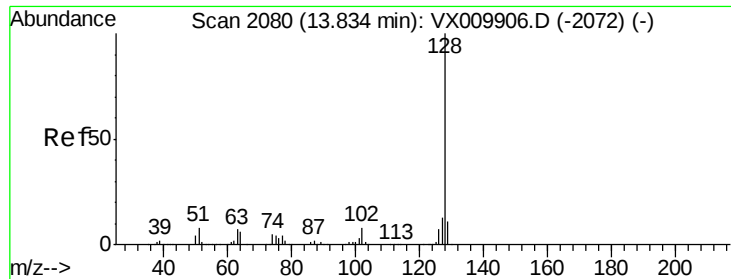


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

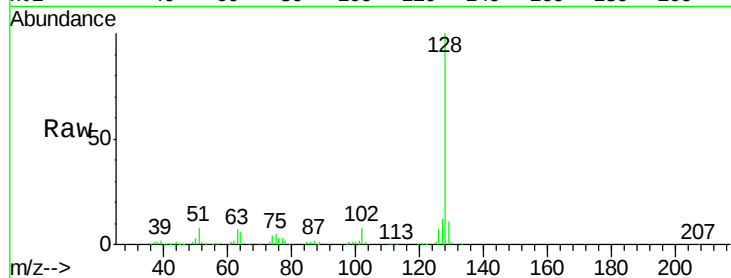




#95
Naphthalene
Concen: 7.436 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010041.D
Acq: 03 Jun 2019 17:11

Instrument :
MSVOA_X
ClientSampleId :
CL-02-053119-A

Tot Ion:128 Resp: 62014
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

