

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010040.D
 Acq On : 03 Jun 2019 16:48
 Operator : JC/SP
 Sample : K2641-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 04 04:53:45 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	181605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117214	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	118656	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
35) Dibromofluoromethane	5.50	113	88978	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	372608	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	127789	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	

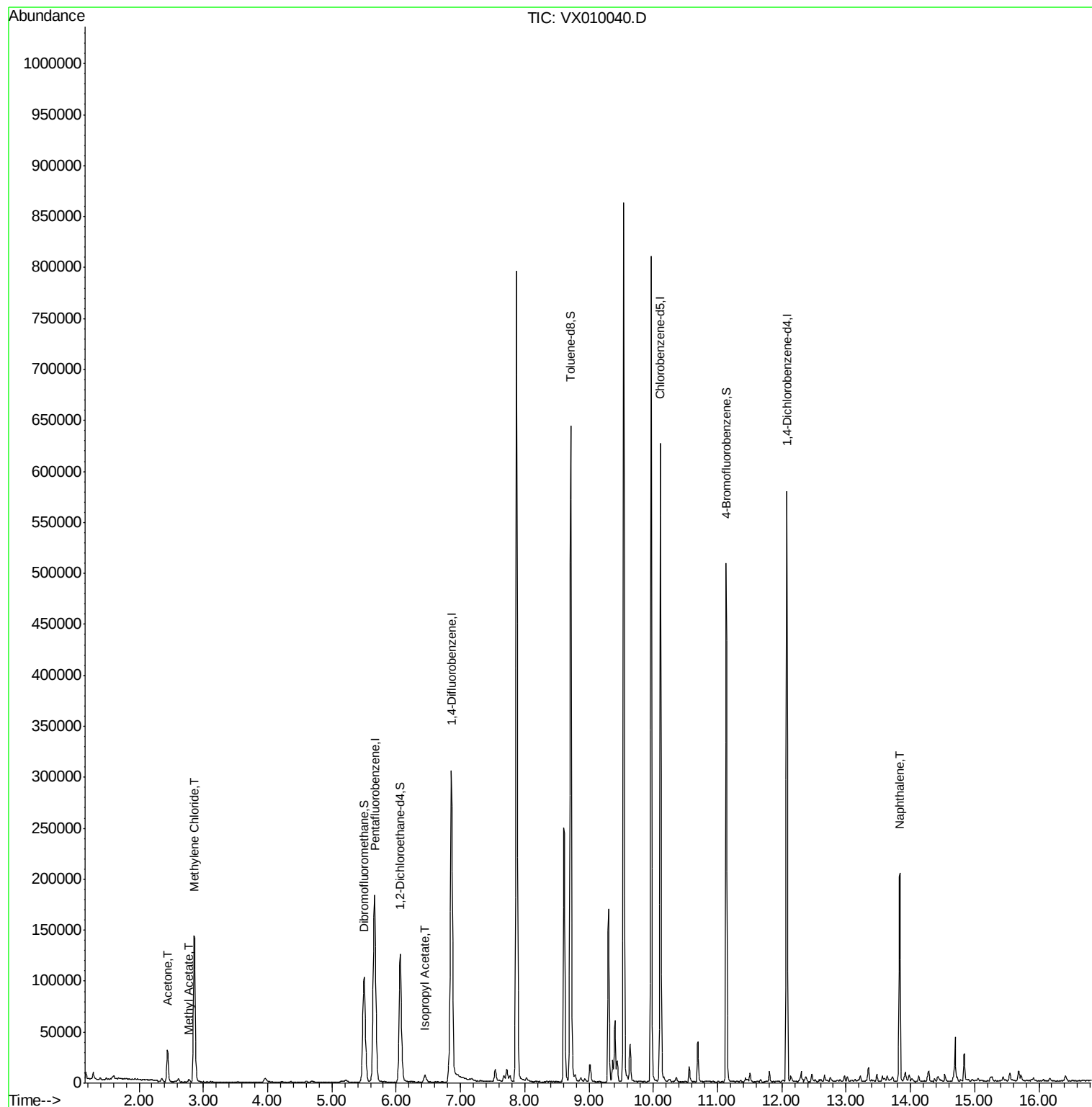
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	35192	23.743	ug/l	99
18) Methyl Acetate	2.78	43	3714	1.077	ug/l	99
20) Methylene Chloride	2.86	84	65384	28.806	ug/l	96
43) Isopropyl Acetate	6.45	43	10026	1.516	ug/l	96
95) Naphthalene	13.83	128	125222	14.555	ug/l	99

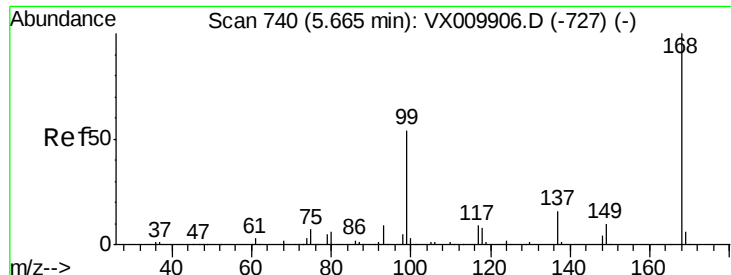
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
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: VX010040.D

Acq: 03 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

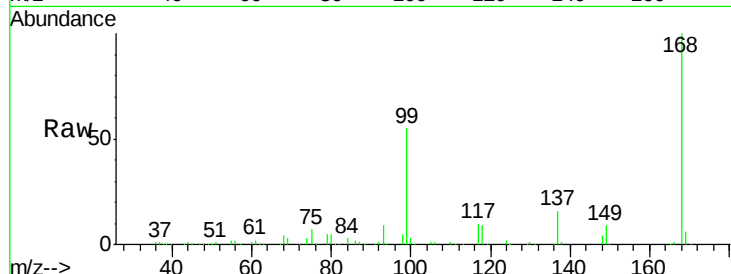
CL-02-053119-D

Tot Ion:168 Resp: 181605

Ion Ratio Lower Upper

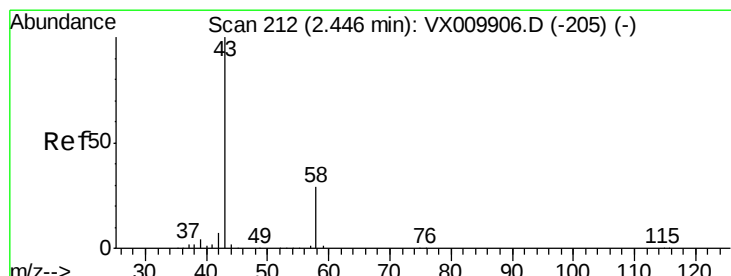
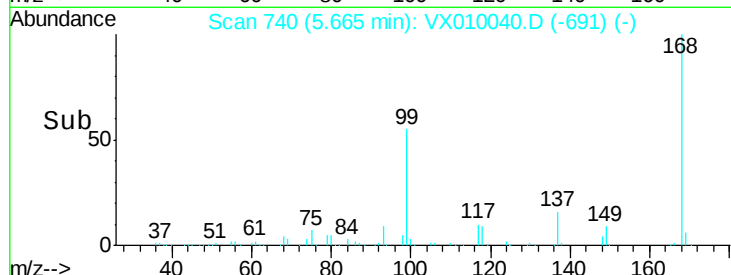
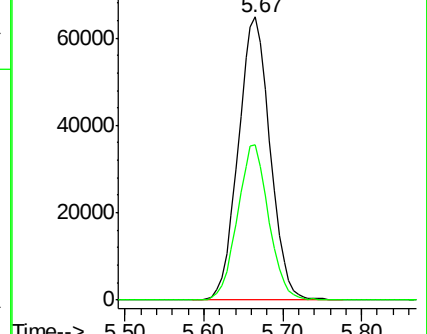
168 100

99 54.9 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: 23.743 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010040.D

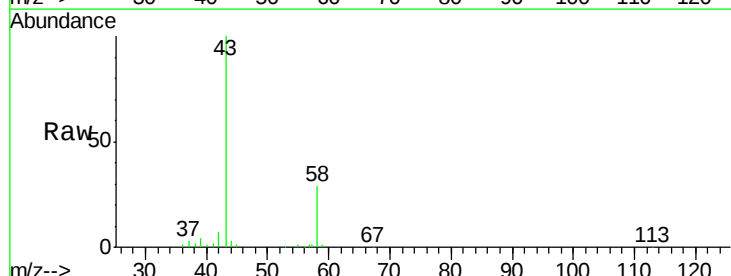
Acq: 03 Jun 2019 16:48

Tgt Ion: 43 Resp: 35192

Ion Ratio Lower Upper

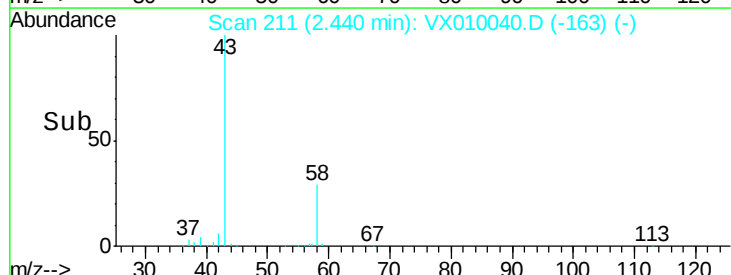
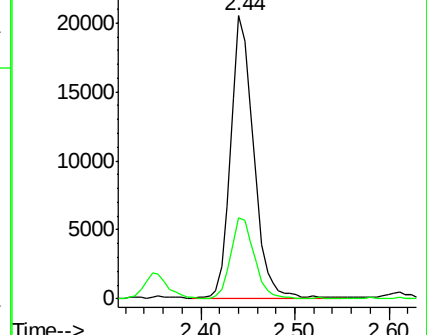
43 100

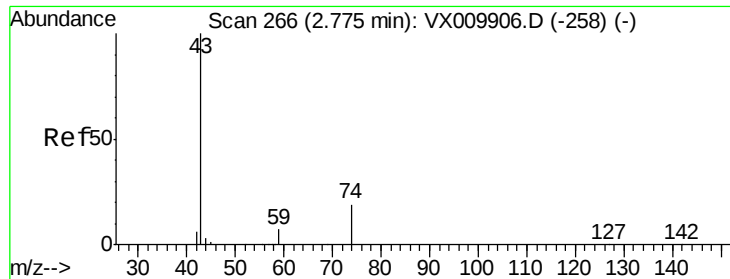
58 28.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

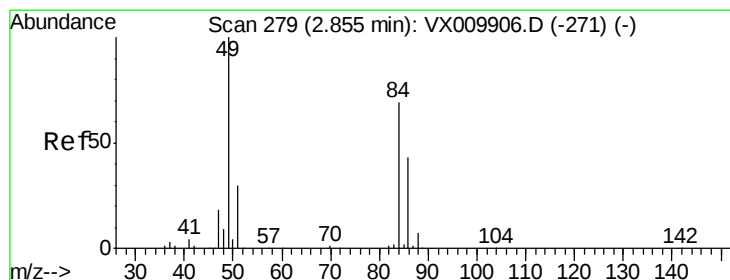
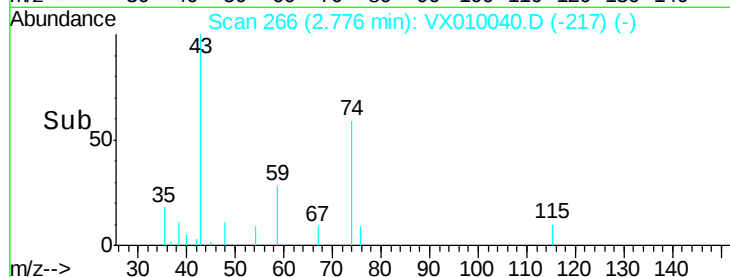
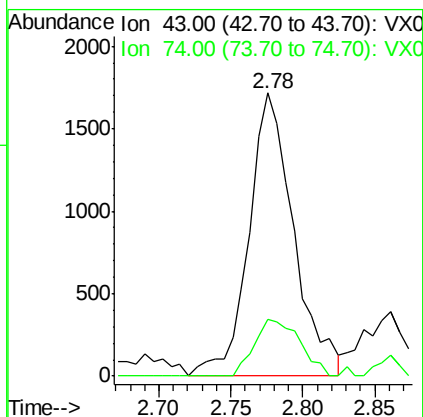
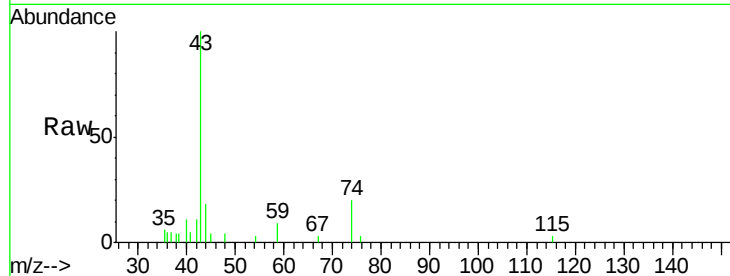




#18
Methvl Acetate
Concen: 1.077 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010040.D
Acq: 03 Jun 2019 16:48

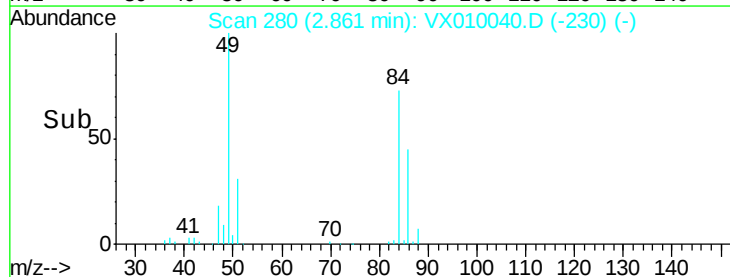
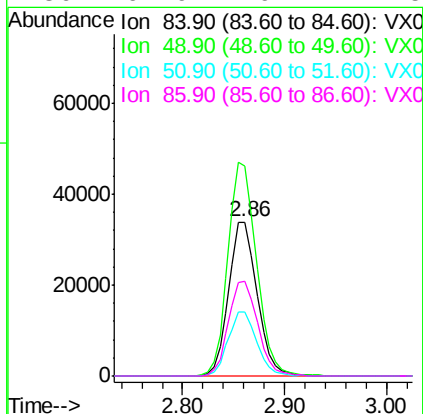
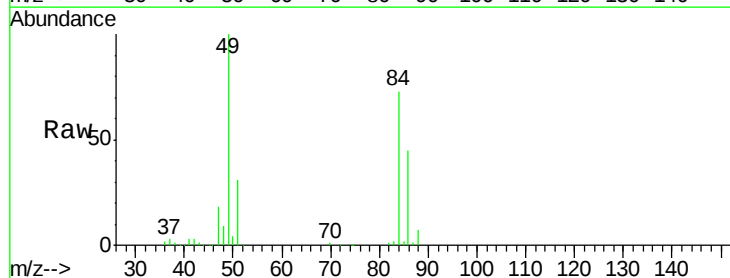
Instrument :
MSVOA_X
ClientSampleId :
CL-02-053119-D

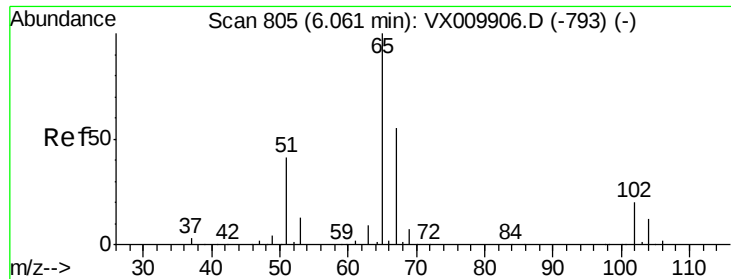
Tot Ion: 43 Resp: 3714
Ion Ratio Lower Upper
43 100
74 20.3 15.8 23.6



#20
Methylene Chloride
Concen: 28.806 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010040.D
Acq: 03 Jun 2019 16:48

Tgt Ion: 84 Resp: 65384
Ion Ratio Lower Upper
84 100
49 136.1 115.8 173.6
51 41.7 34.4 51.6
86 61.9 49.7 74.5

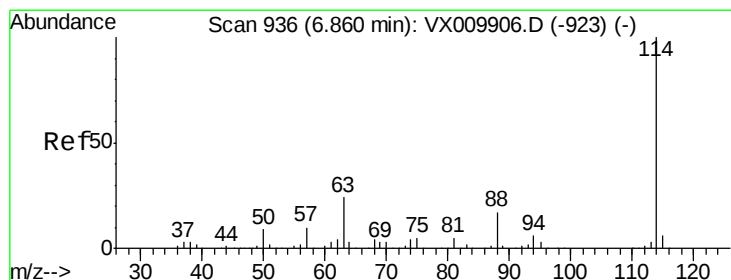
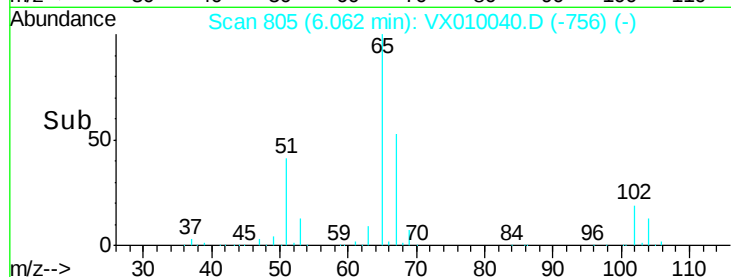
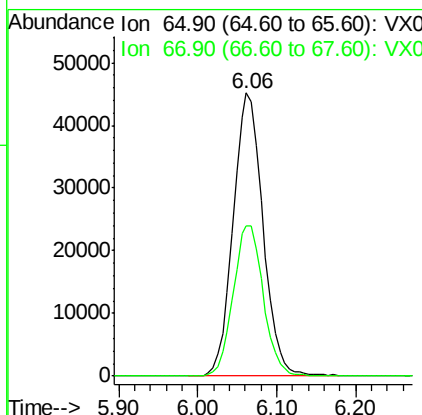
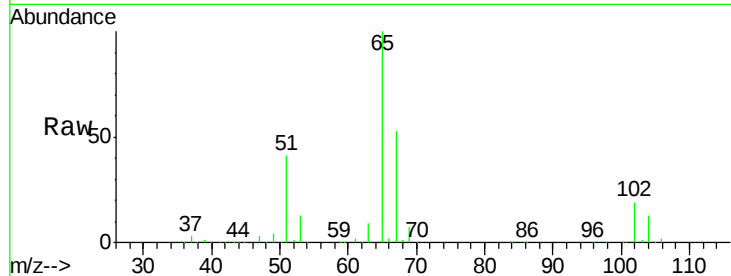




#33
 1,2-Dichloroethane-d4
 Concen: 46.254 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010040.D
 Acq: 03 Jun 2019 16:48

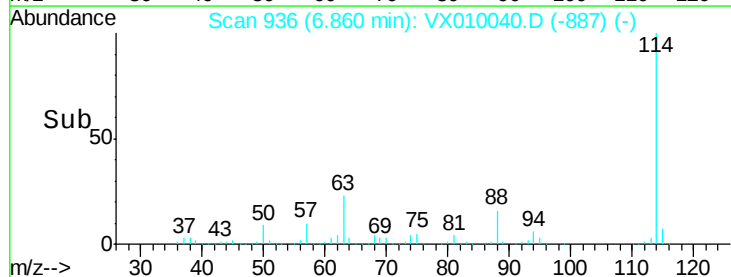
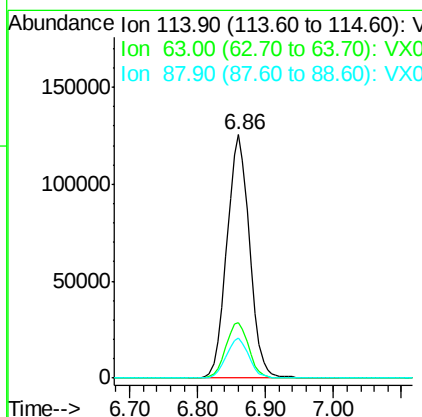
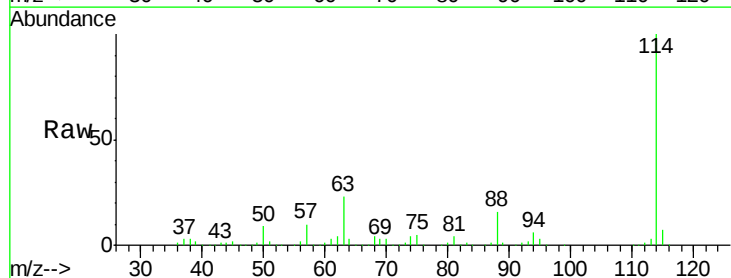
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-053119-D

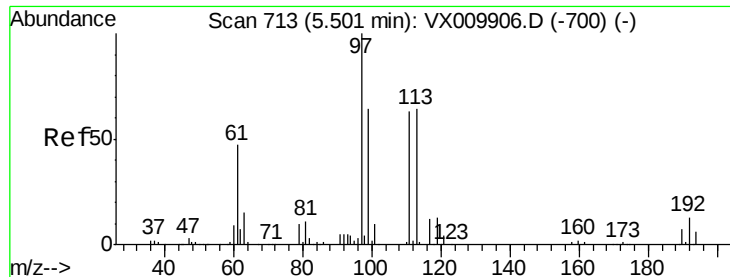
Tot Ion: 65 Resp: 118656
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010040.D
 Acq: 03 Jun 2019 16:48

Tgt Ion: 114 Resp: 289961
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.4
 88 16.4 0.0 33.0

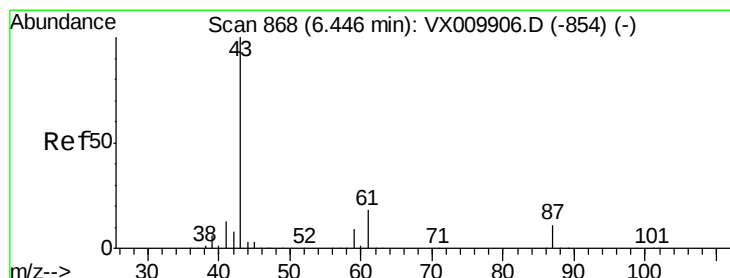
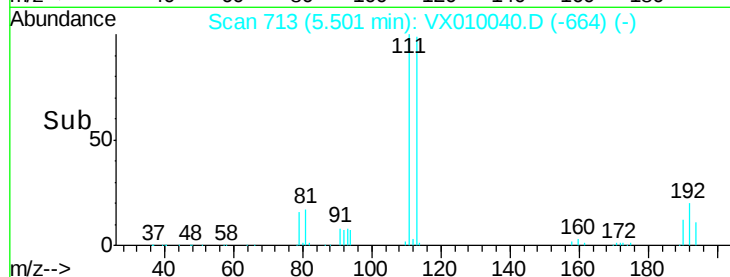
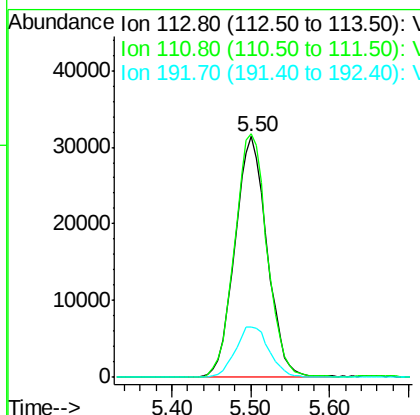
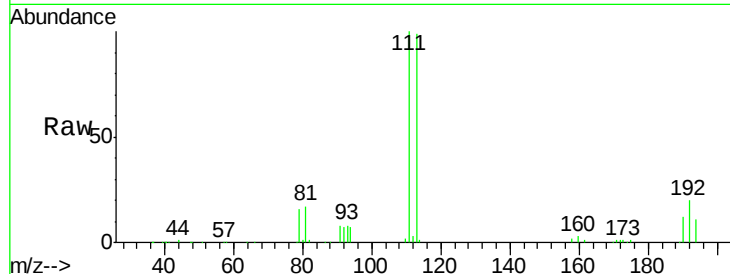




#35
 Dibromofluoromethane
 Concen: 48.809 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010040.D
 Acq: 03 Jun 2019 16:48

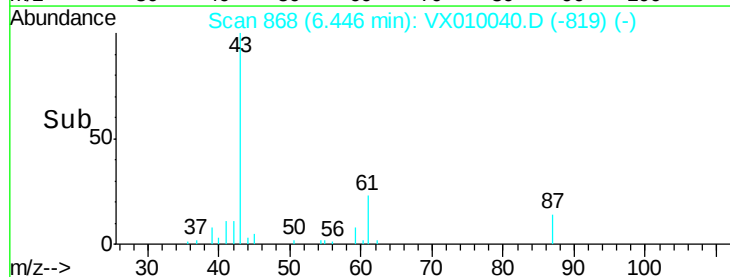
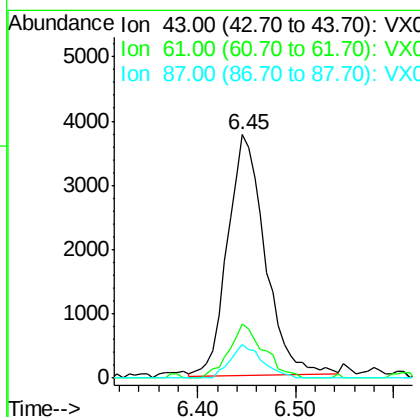
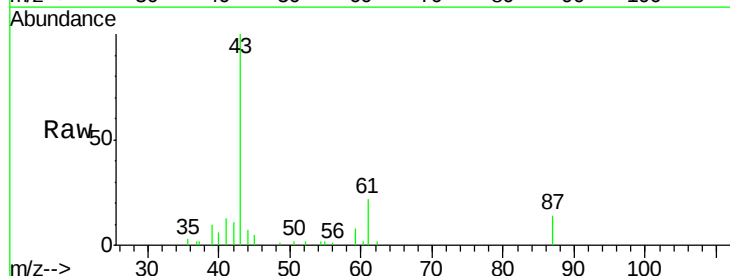
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-053119-D

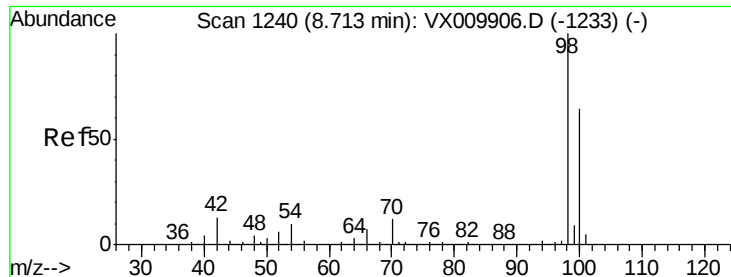
Tot Ion:113 Resp: 88978
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 21.9 17.1 25.7



#43
 Isopropyl Acetate
 Concen: 1.516 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010040.D
 Acq: 03 Jun 2019 16:48

Tgt Ion: 43 Resp: 10026
 Ion Ratio Lower Upper
 43 100
 61 20.7 14.6 21.8
 87 11.9 8.7 13.1





#50

Toluene-d8

Concen: 50.334 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010040.D

Acq: 03 Jun 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

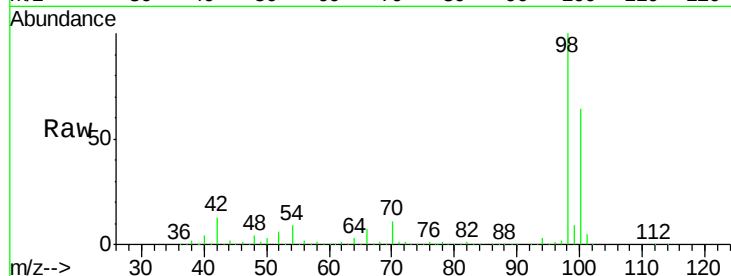
CL-02-053119-D

Tot Ion: 98 Resp: 372608

Ion Ratio Lower Upper

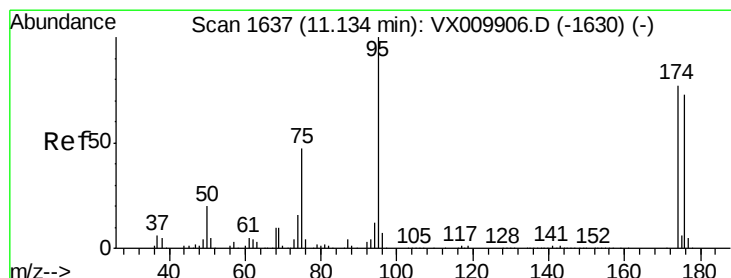
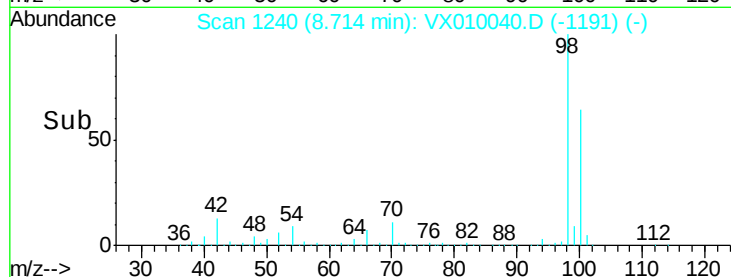
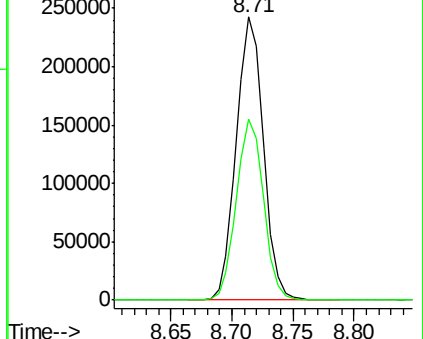
98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.060 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010040.D

Acq: 03 Jun 2019 16:48

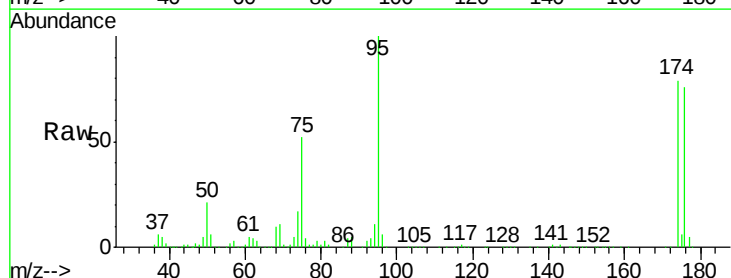
Tgt Ion: 95 Resp: 127789

Ion Ratio Lower Upper

95 100

174 82.6 0.0 160.4

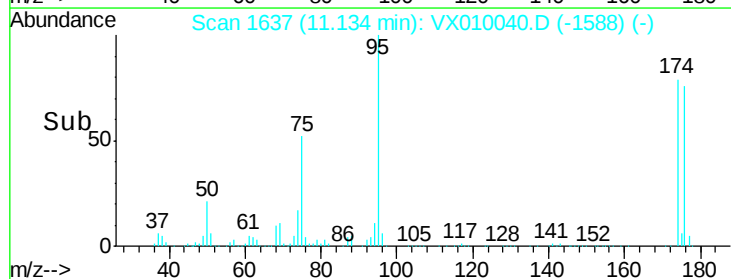
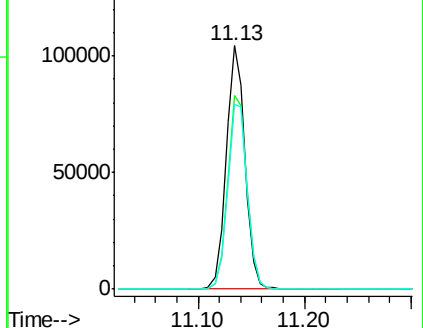
176 79.8 0.0 154.6

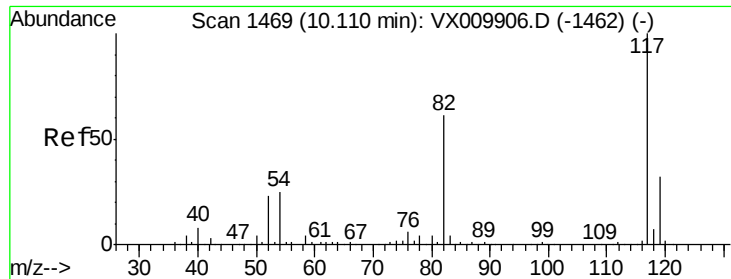


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

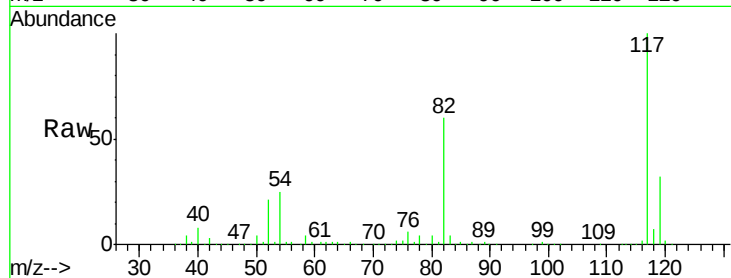




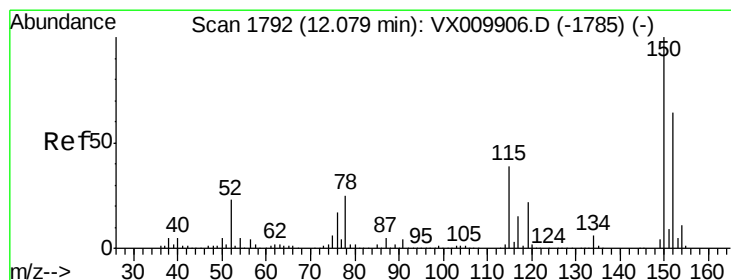
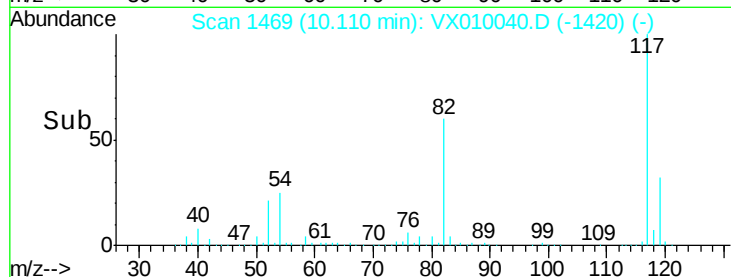
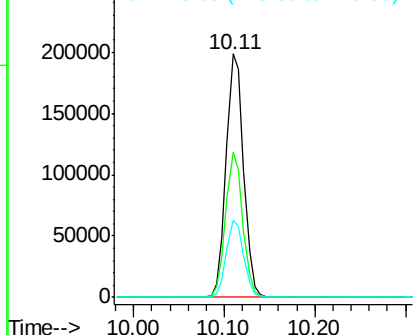
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010040.D
Acq: 03 Jun 2019 16:48

Instrument :
MSVOA_X
ClientSampled :
CL-02-053119-D

Tot Ion:117 Resp: 265782
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 31.7 25.2 37.8

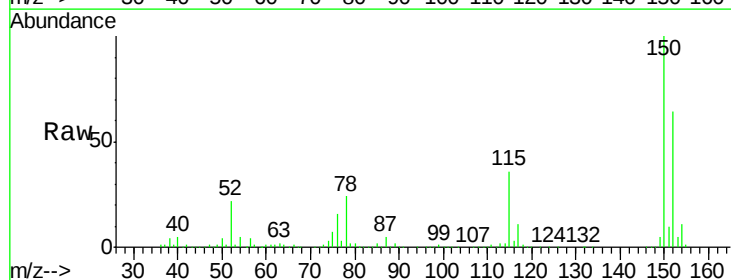


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

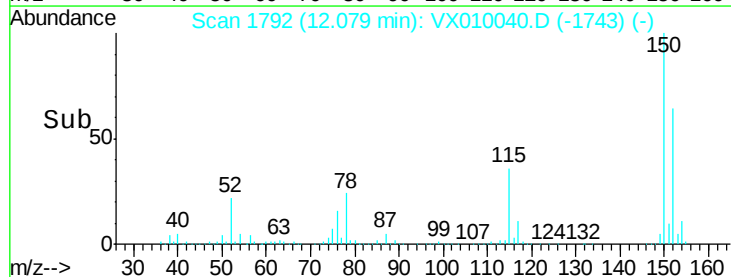
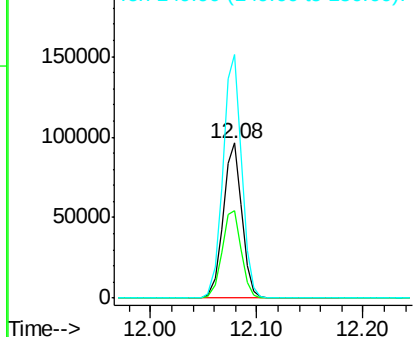


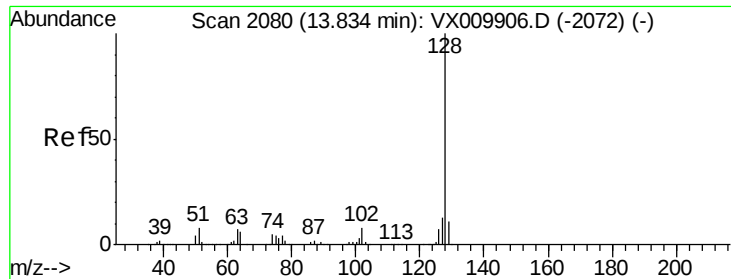
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010040.D
Acq: 03 Jun 2019 16:48

Tgt Ion:152 Resp: 117214
Ion Ratio Lower Upper
152 100
115 58.4 41.4 124.2
150 158.1 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

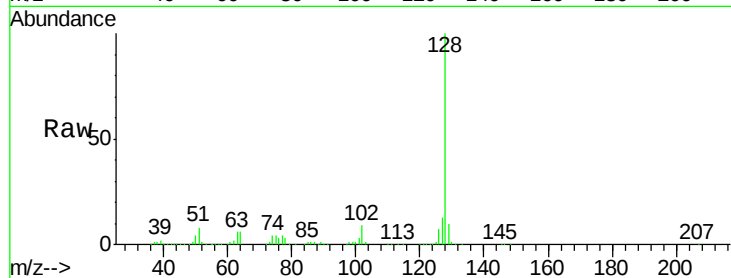




#95
Naphthalene
Concen: 14.555 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010040.D
Acq: 03 Jun 2019 16:48

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.8	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

