

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009400.D
 Acq On : 08 May 2019 15:57
 Operator : JC/SP
 Sample : K2641-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-050719-A

Quant Time: May 09 06:59:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

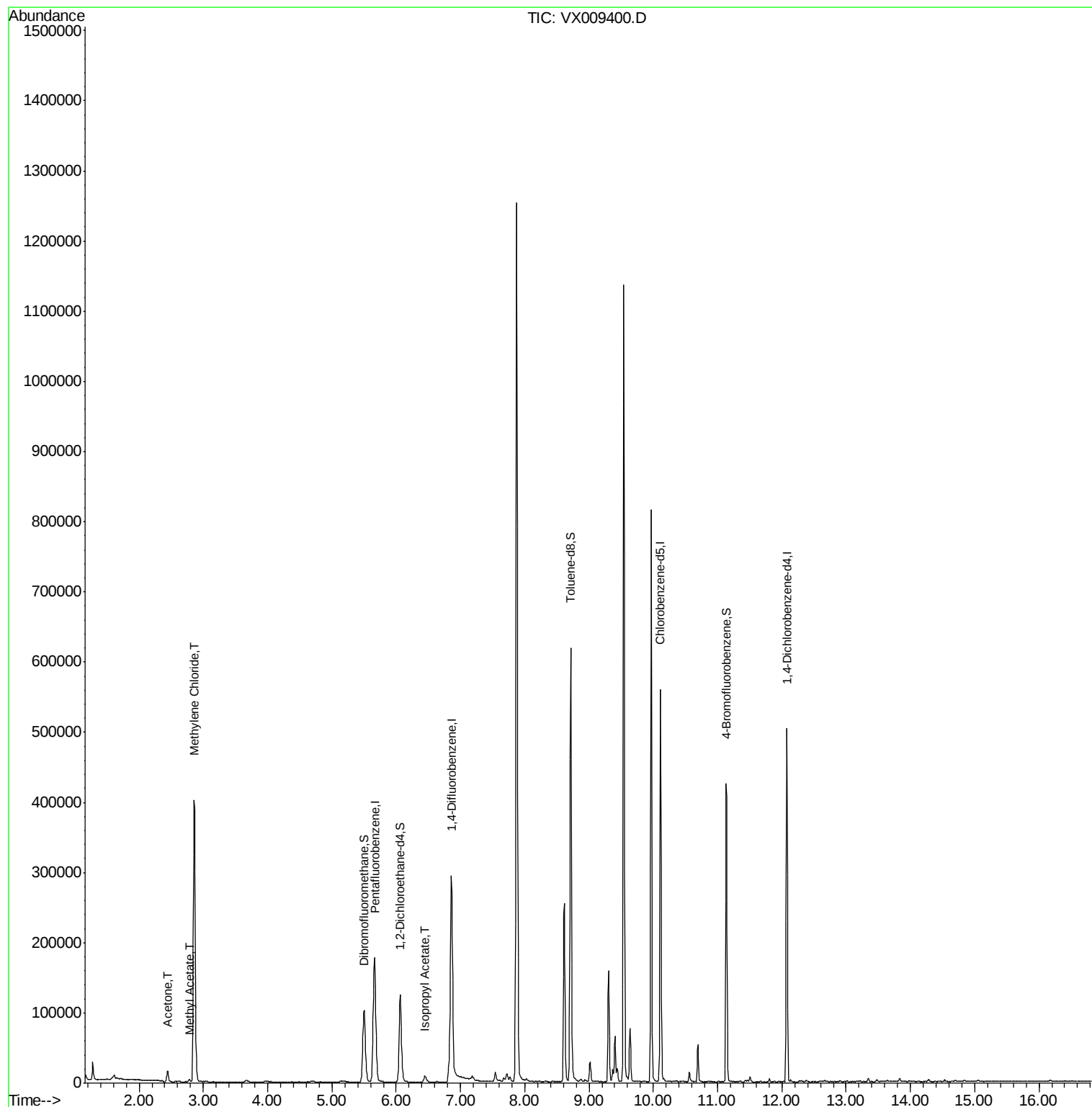
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116513	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	5.49	113	86555	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	355561	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	114020	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	2.44	43	17159	13.279	ug/l	Qvalue 100
18) Methyl Acetate	2.78	43	4624	1.505	ug/l	98
20) Methylene Chloride	2.86	84	185487	88.653	ug/l	97
43) Isopropyl Acetate	6.45	43	12437	2.124	ug/l	99

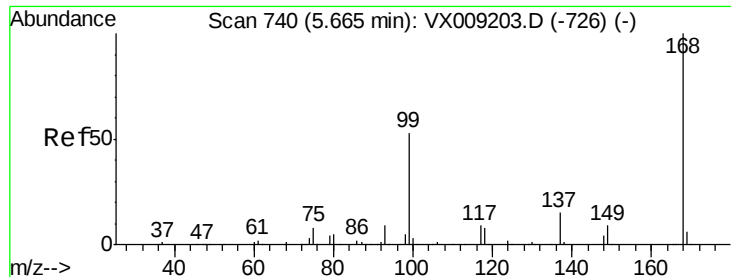
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 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: VX009400.D

Acq: 08 May 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

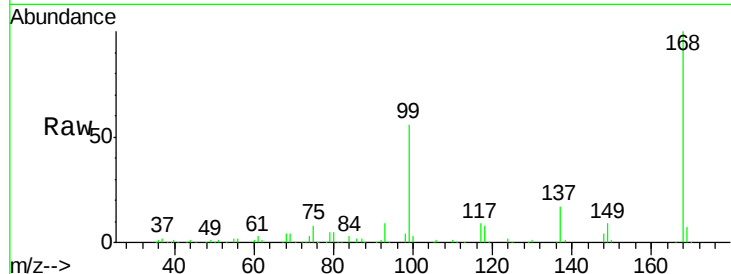
CL-02-050719-A

Tot Ion:168 Resp: 176287

Ion Ratio Lower Upper

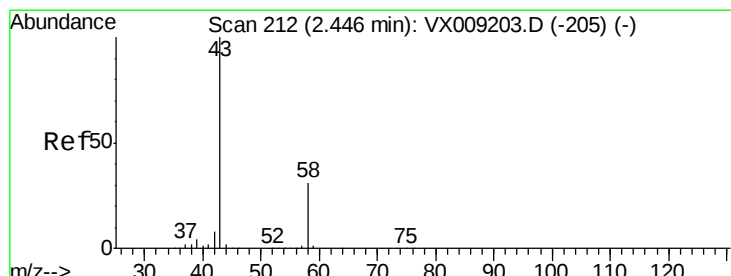
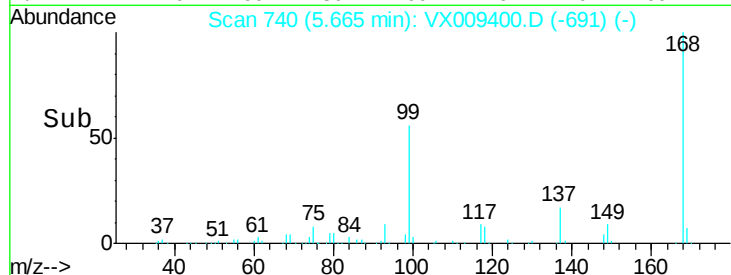
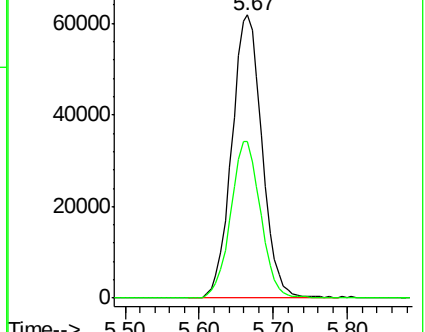
168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 13.279 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009400.D

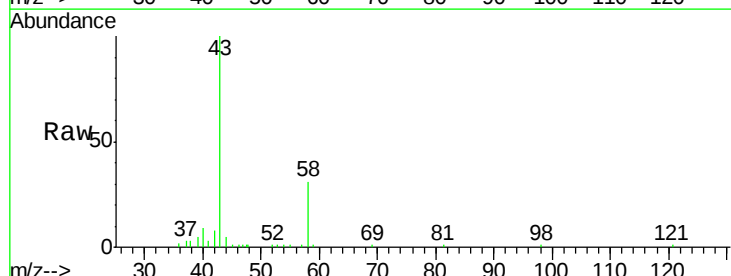
Acq: 08 May 2019 15:57

Tgt Ion: 43 Resp: 17159

Ion Ratio Lower Upper

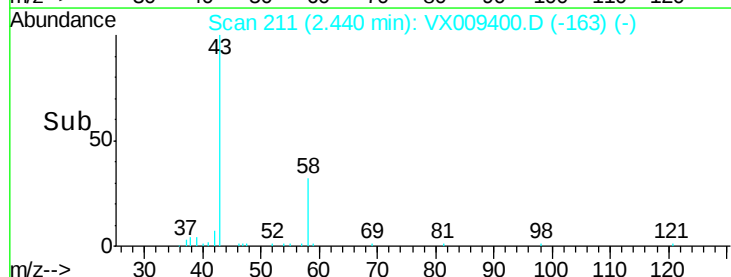
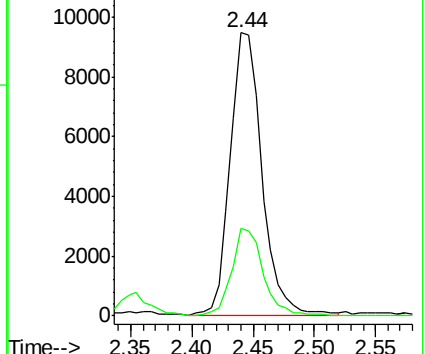
43 100

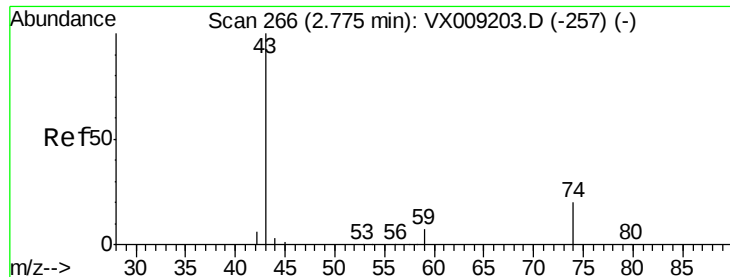
58 30.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

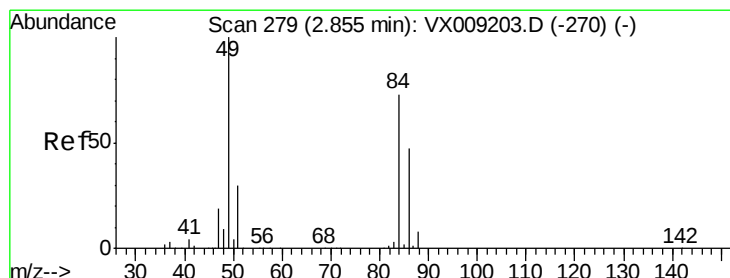
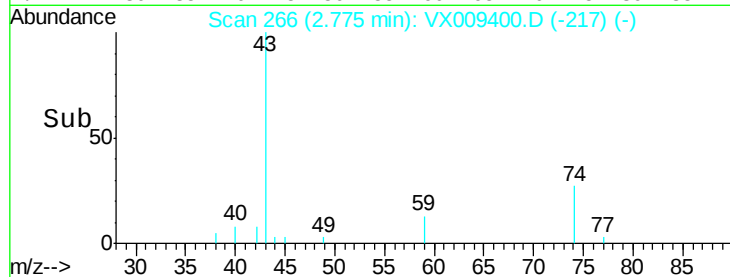
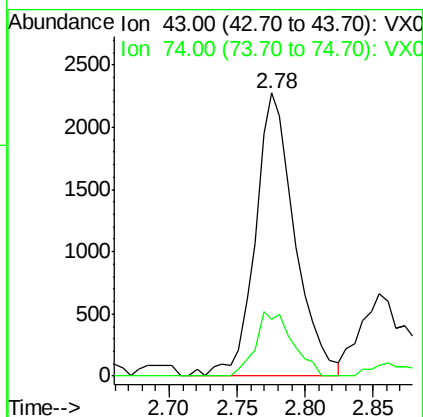
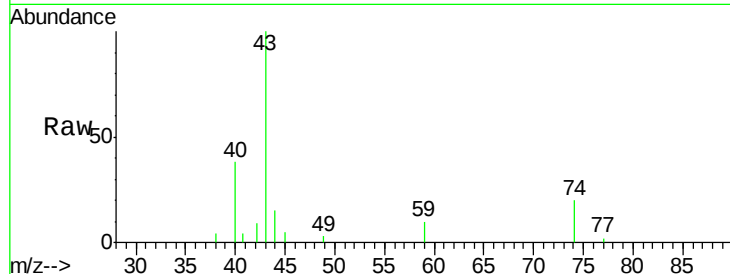




#18
Methvl Acetate
Concen: 1.505 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009400.D
Acq: 08 May 2019 15:57

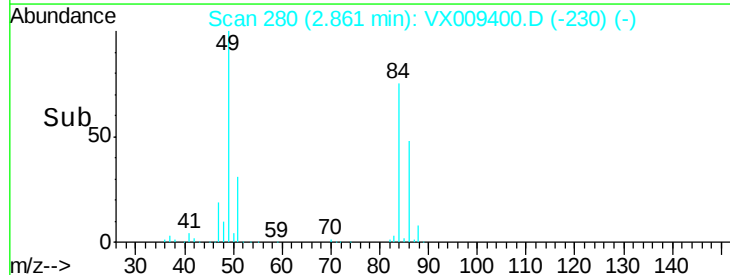
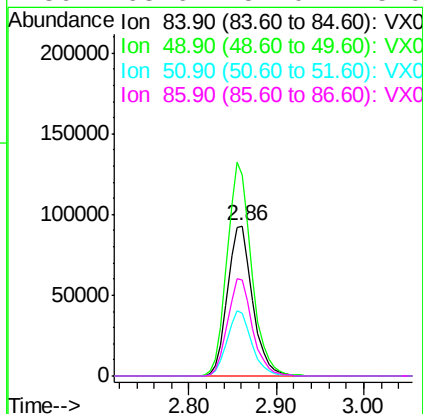
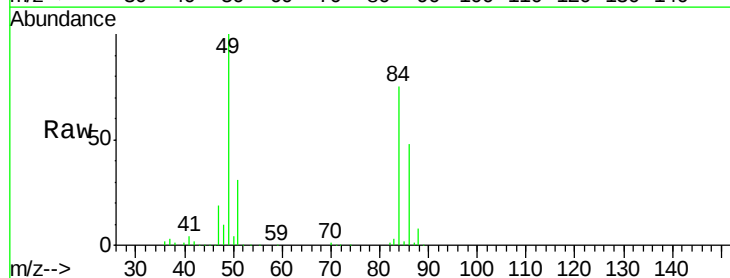
Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-A

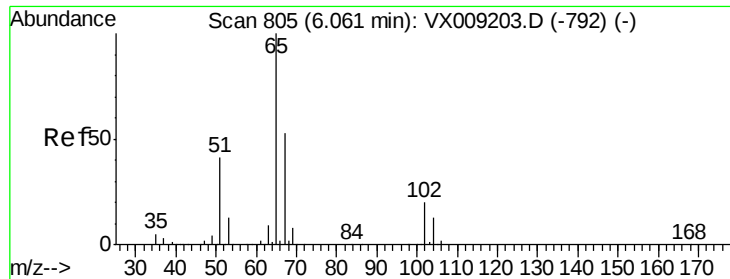
Tot Ion: 43 Resp: 4624
Ion Ratio Lower Upper
43 100
74 21.3 16.2 24.4



#20
Methylene Chloride
Concen: 88.653 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009400.D
Acq: 08 May 2019 15:57

Tgt Ion: 84 Resp: 185487
Ion Ratio Lower Upper
84 100
49 133.5 109.9 164.9
51 41.7 32.7 49.1
86 63.6 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 48.415 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009400.D

Acq: 08 May 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

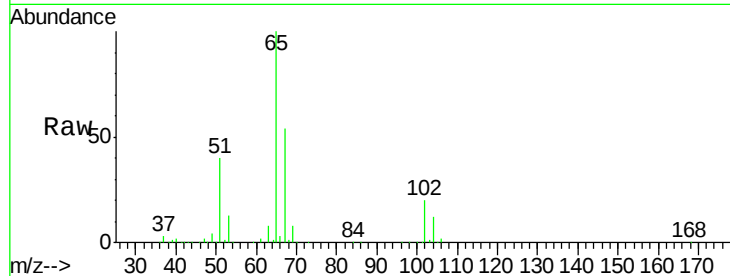
CL-02-050719-A

Tot Ion: 65 Resp: 116513

Ion Ratio Lower Upper

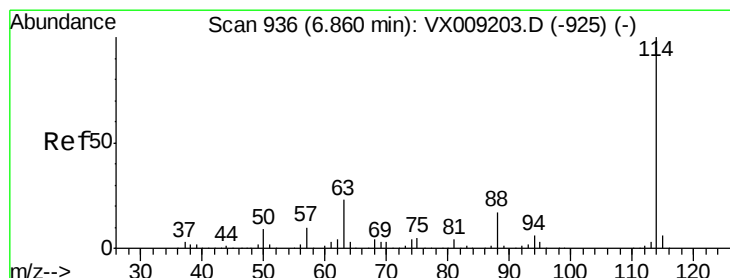
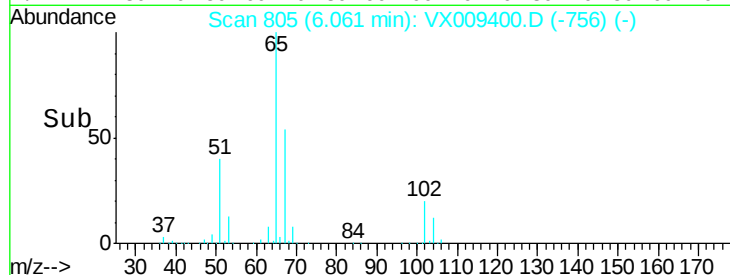
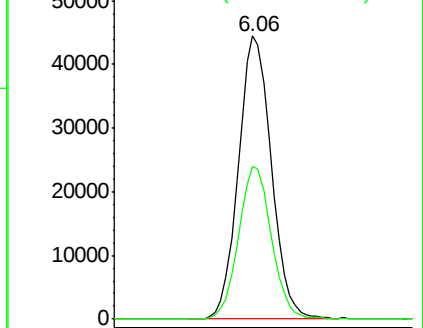
65 100

67 53.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009400.D

Acq: 08 May 2019 15:57

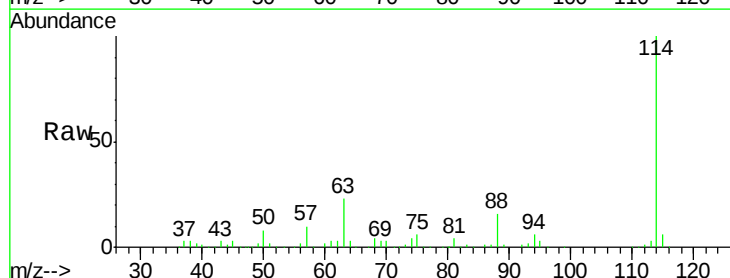
Tgt Ion: 114 Resp: 282676

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

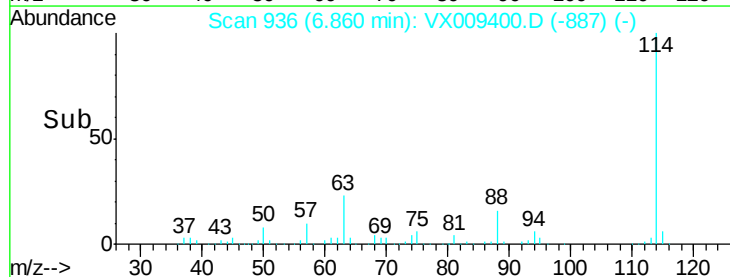
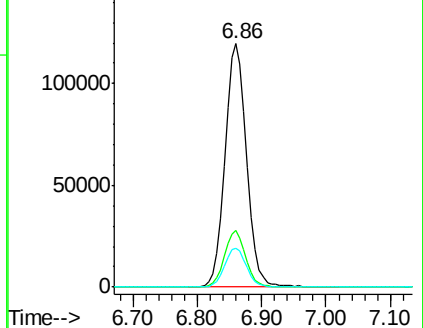
88 15.8 0.0 33.2

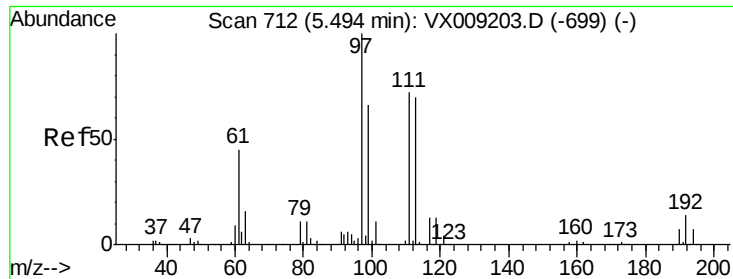


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

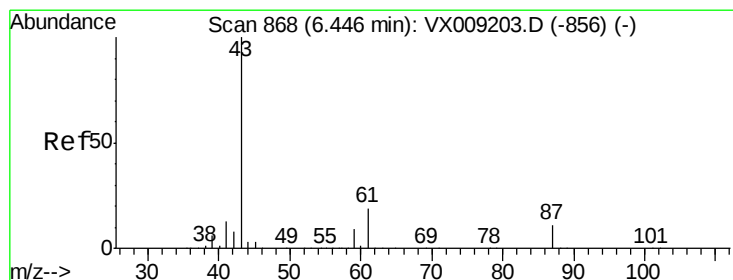
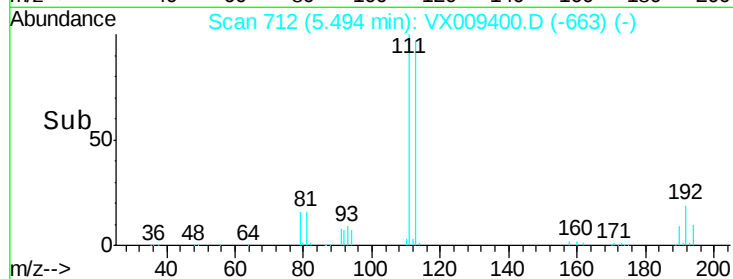
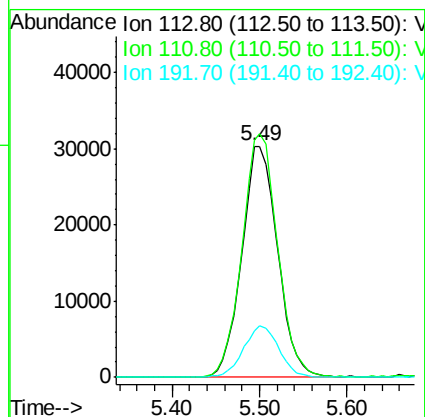
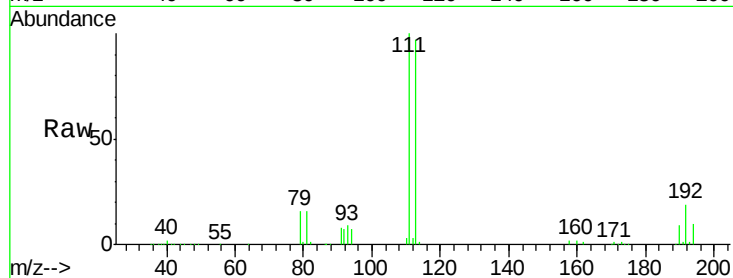




#35
 Dibromofluoromethane
 Concen: 48.708 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009400.D
 Acq: 08 May 2019 15:57

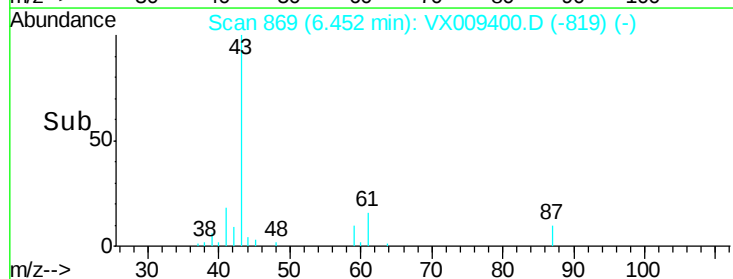
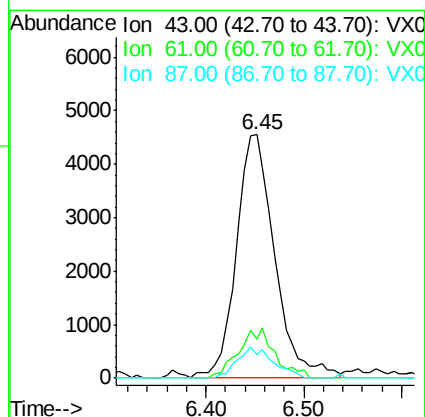
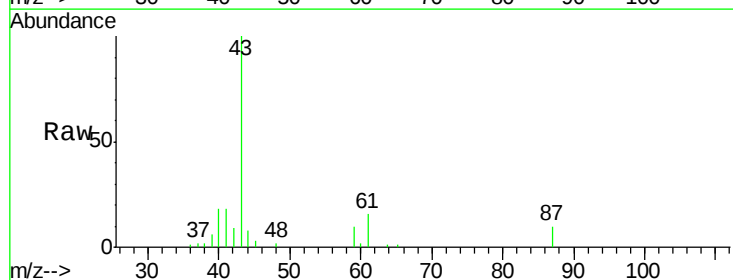
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-050719-A

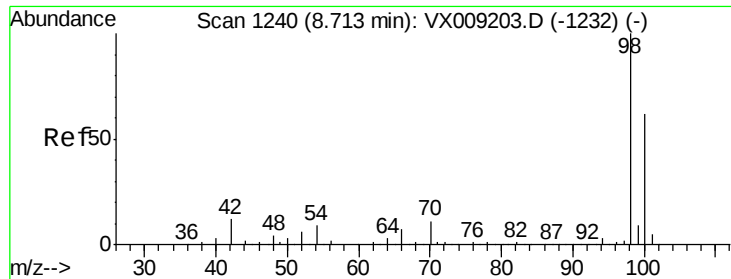
Tot Ion:113 Resp: 86555
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.8 124.2
 192 22.1 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 2.124 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX009400.D
 Acq: 08 May 2019 15:57

Tgt Ion: 43 Resp: 12437
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.1 22.7
 87 11.7 9.0 13.6





#50

Toluene-d8

Concen: 49.561 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009400.D

Acq: 08 May 2019 15:57

Instrument :

MSVOA_X

ClientSampleId :

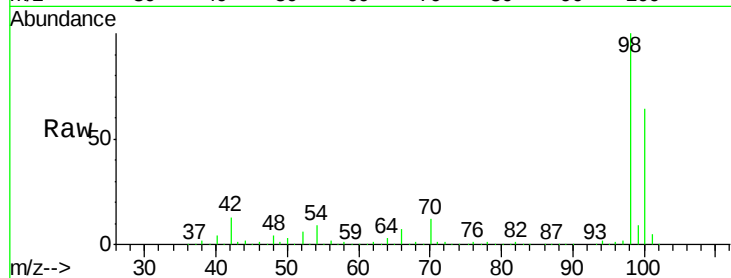
CL-02-050719-A

Tot Ion: 98 Resp: 355561

Ion Ratio Lower Upper

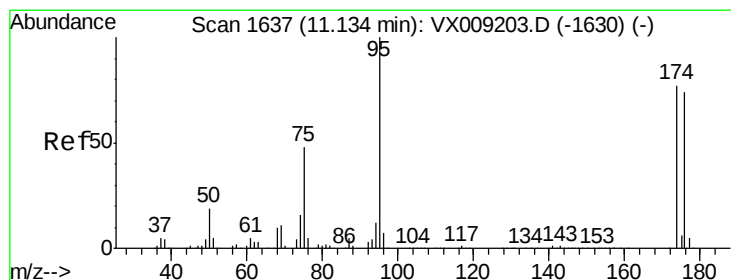
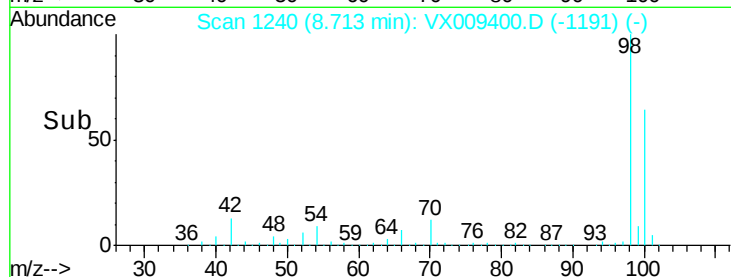
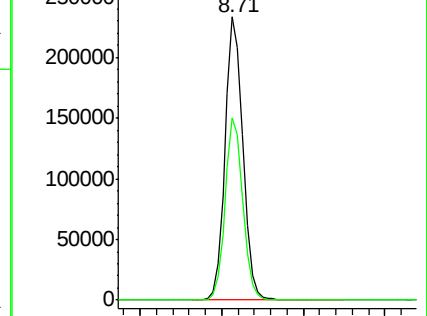
98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.739 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009400.D

Acq: 08 May 2019 15:57

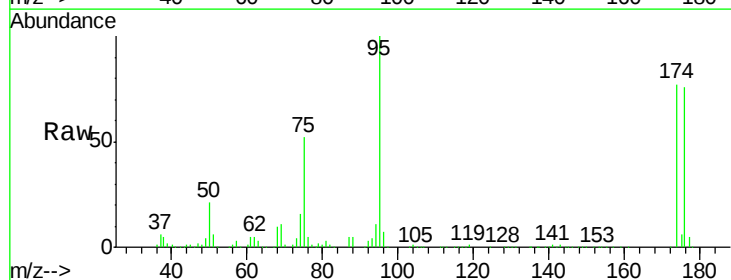
Tgt Ion: 95 Resp: 114020

Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.6

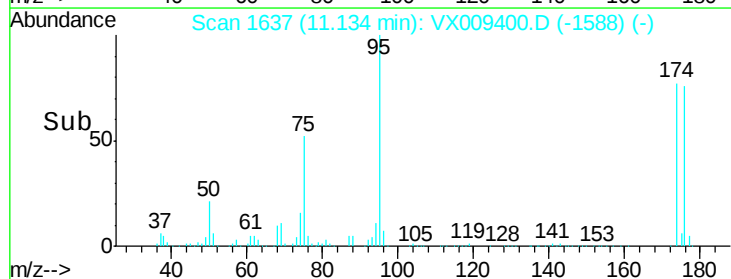
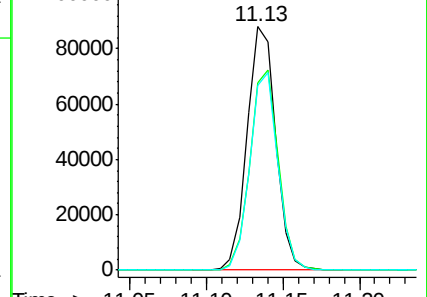
176 79.6 0.0 159.2

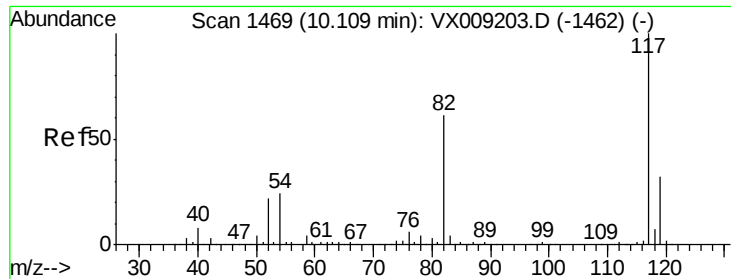


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

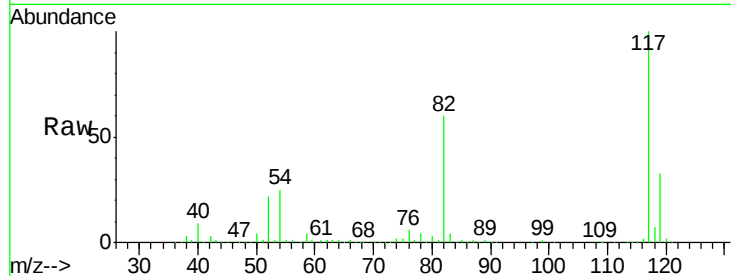




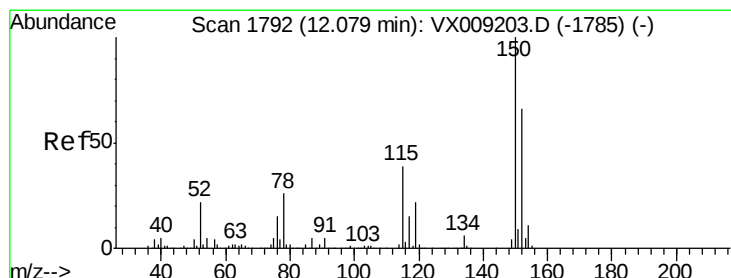
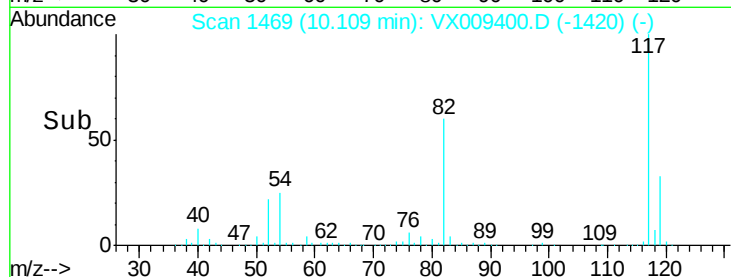
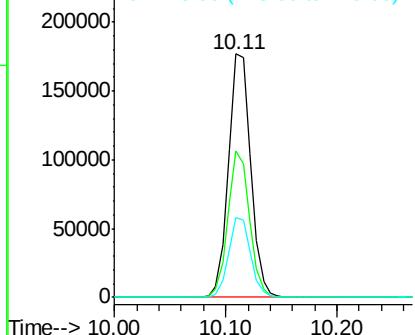
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009400.D
Acq: 08 May 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-A

Tot Ion:117 Resp: 244421
Ion Ratio Lower Upper
117 100
82 59.9 48.8 73.2
119 32.6 25.8 38.6

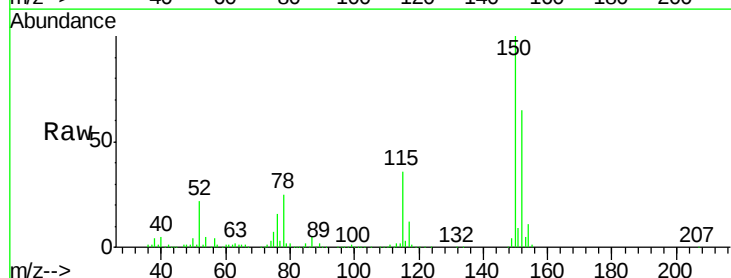


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009400.D
Acq: 08 May 2019 15:57

Tgt Ion:152 Resp: 99831
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 157.7 0.0 346.4



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

