

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009403.D
 Acq On : 08 May 2019 17:07
 Operator : JC/SP
 Sample : K2641-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 09 07:04:39 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

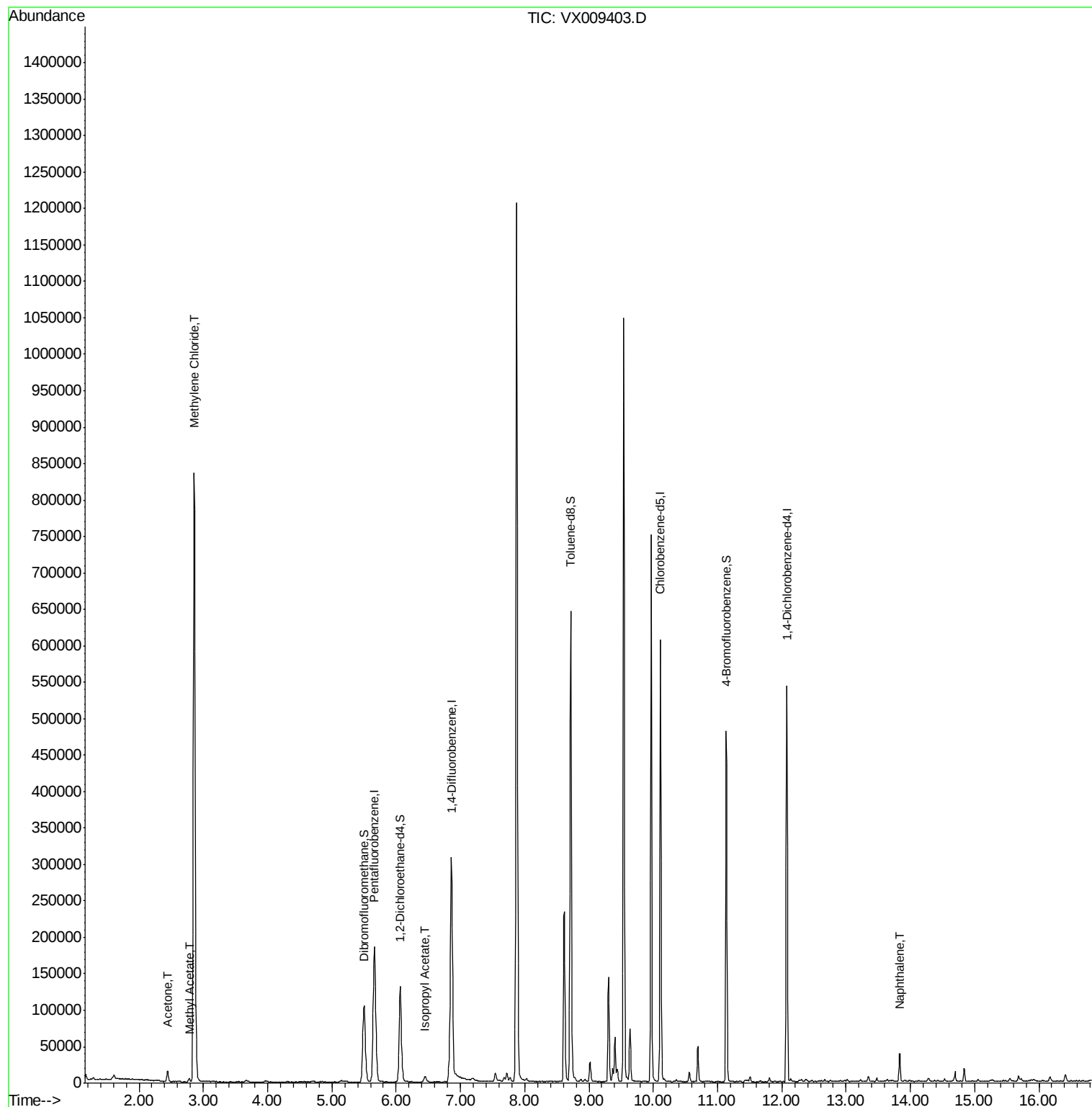
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120138	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
35) Dibromofluoromethane	5.50	113	90288	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	372493	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	125341	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
16) Acetone	2.45	43	15698	11.669	ug/l	99
18) Methyl Acetate	2.78	43	5596	1.749	ug/l #	90
20) Methylene Chloride	2.85	84	380488	174.677	ug/l	97
43) Isopropyl Acetate	6.45	43	11872	1.939	ug/l	98
95) Naphthalene	13.83	128	23737	2.846	ug/l	99

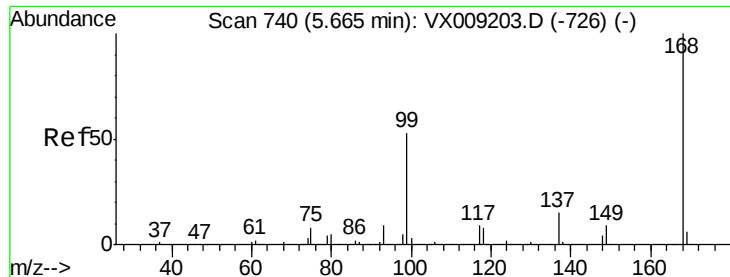
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

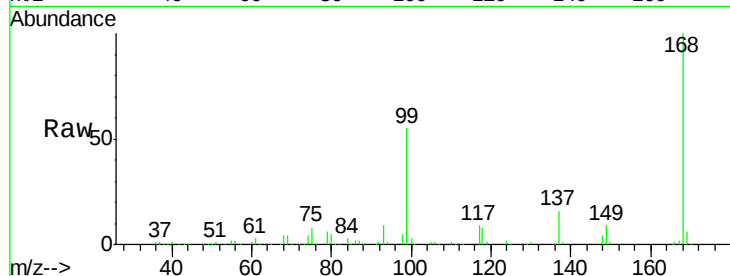
CL-02-050719-D

Tot Ion:168 Resp: 183530

Ion Ratio Lower Upper

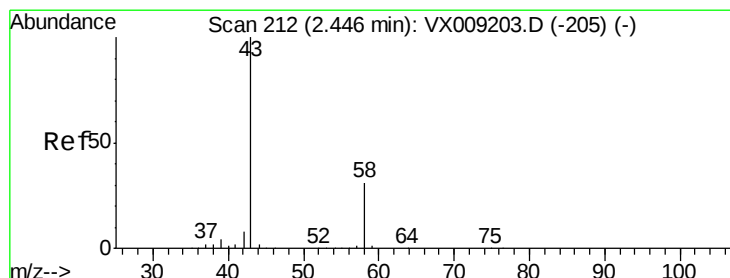
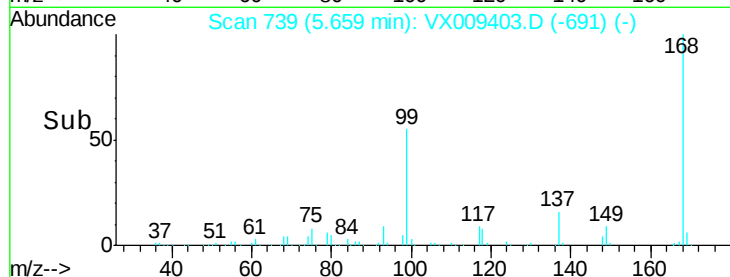
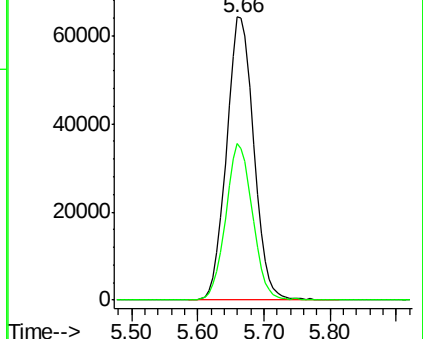
168 100

99 55.3 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: 11.669 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009403.D

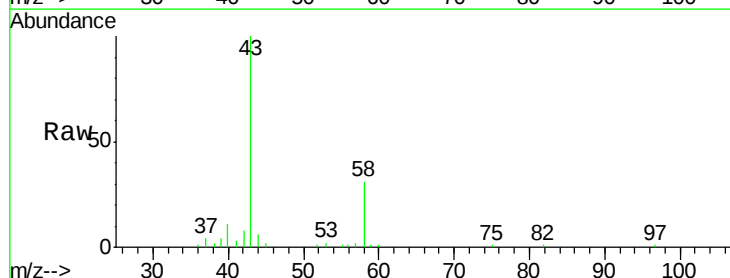
Acq: 08 May 2019 17:07

Tgt Ion: 43 Resp: 15698

Ion Ratio Lower Upper

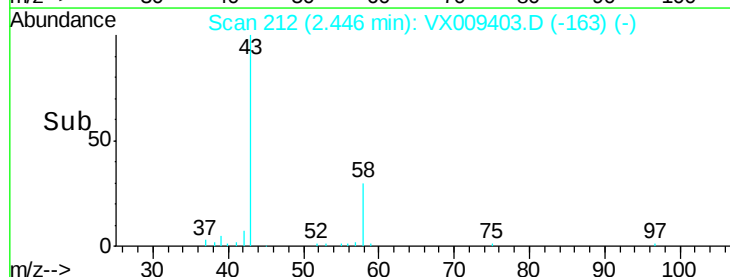
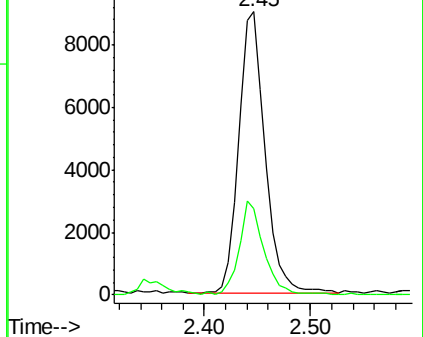
43 100

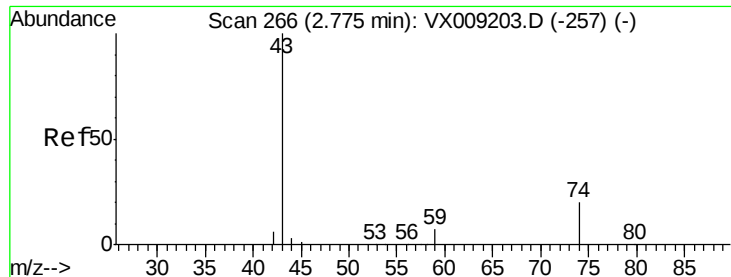
58 30.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.749 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

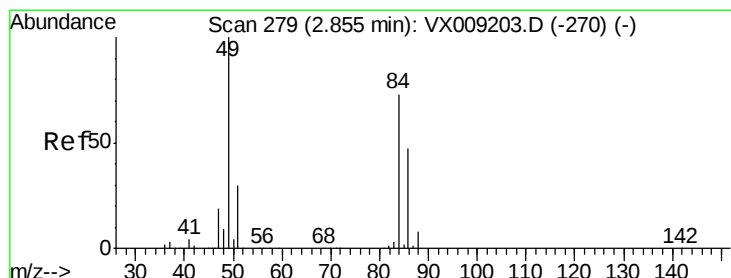
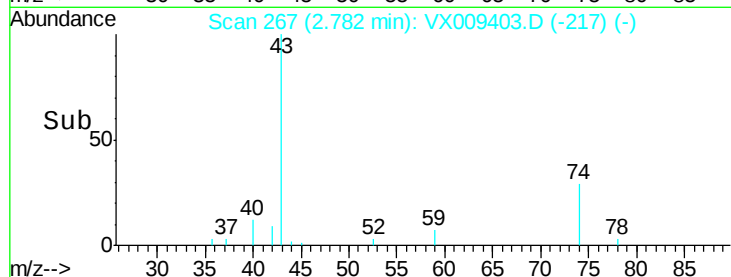
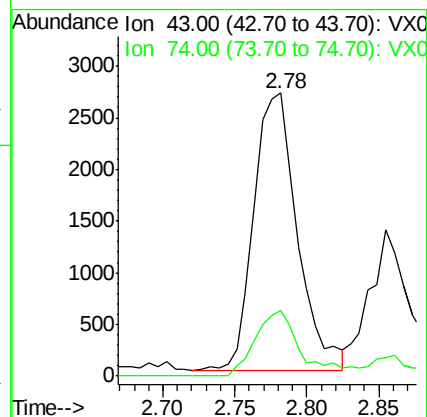
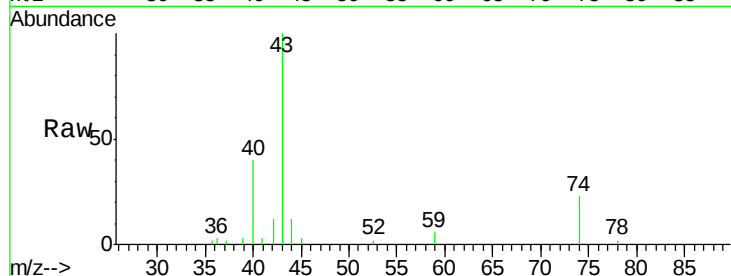
CL-02-050719-D

Tot Ion: 43 Resp: 5596

Ion Ratio Lower Upper

43 100

74 25.1 16.2 24.4#



#20

Methylene Chloride

Concen: 174.677 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Tgt Ion: 84 Resp: 380488

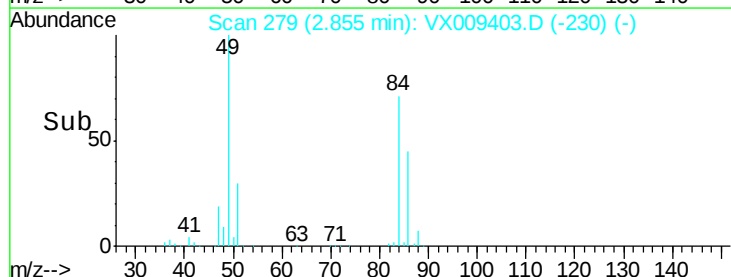
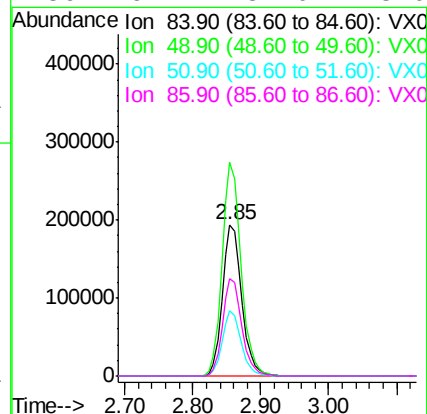
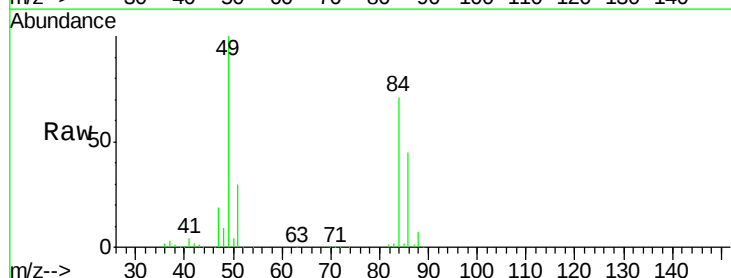
Ion Ratio Lower Upper

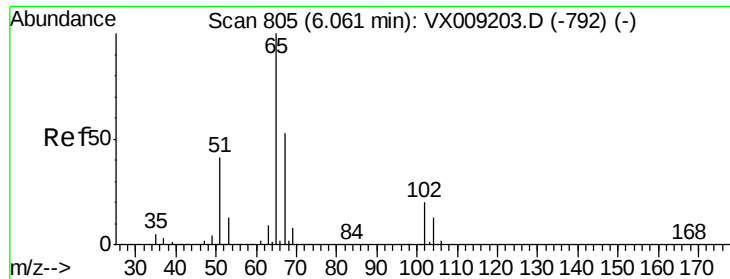
84 100

49 141.1 109.9 164.9

51 42.9 32.7 49.1

86 64.1 52.0 78.0

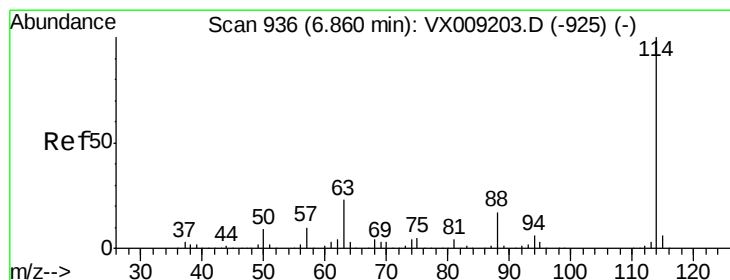
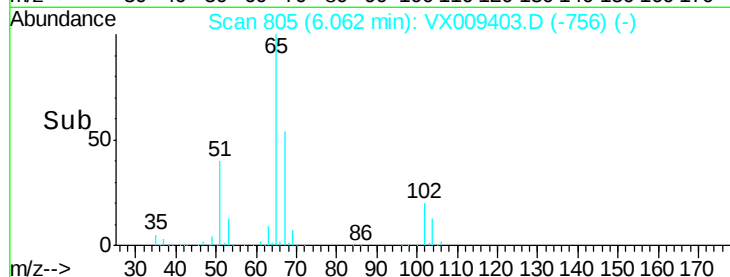
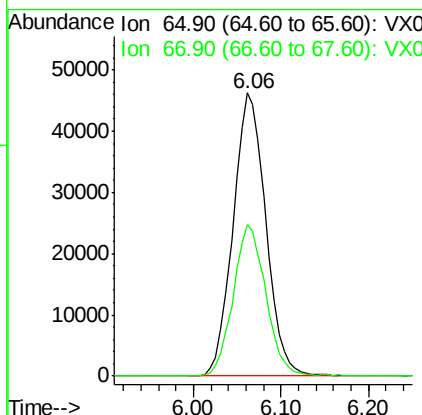
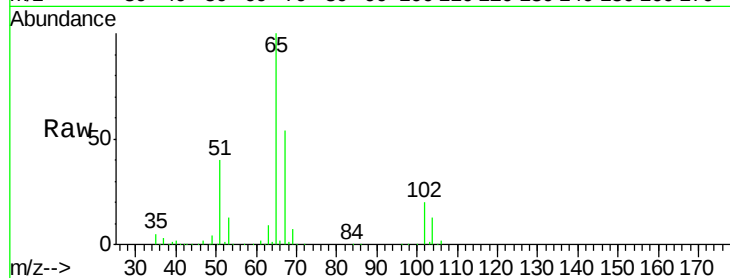




#33
 1,2-Dichloroethane-d4
 Concen: 47.952 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009403.D
 Acq: 08 May 2019 17:07

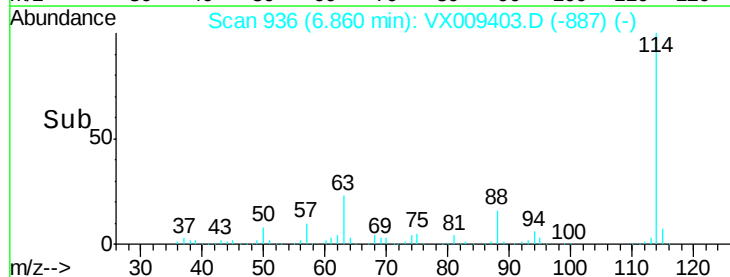
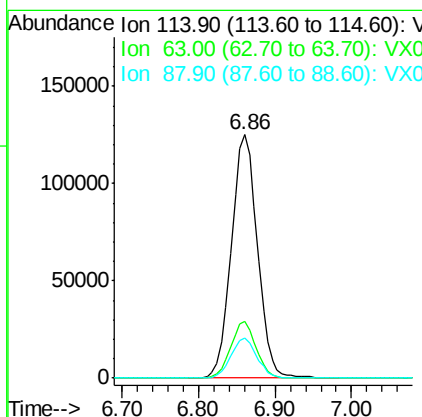
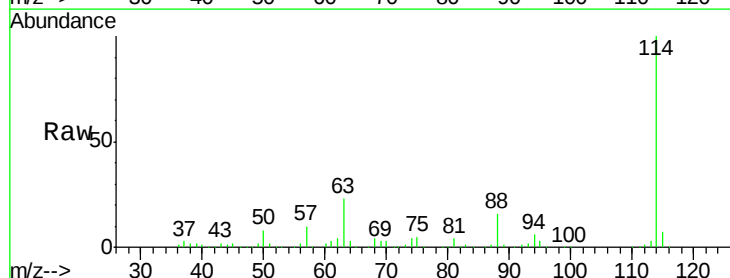
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-050719-D

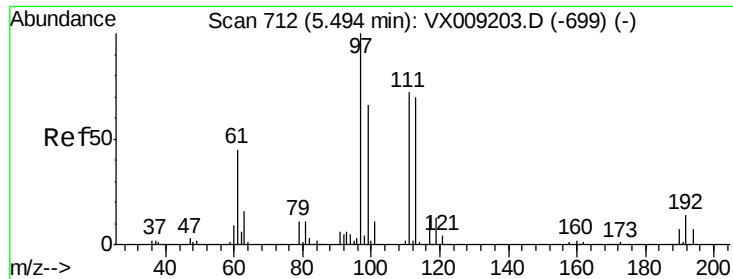
Tot Ion: 65 Resp: 120138
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009403.D
 Acq: 08 May 2019 17:07

Tgt Ion: 114 Resp: 295613
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.585 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-D

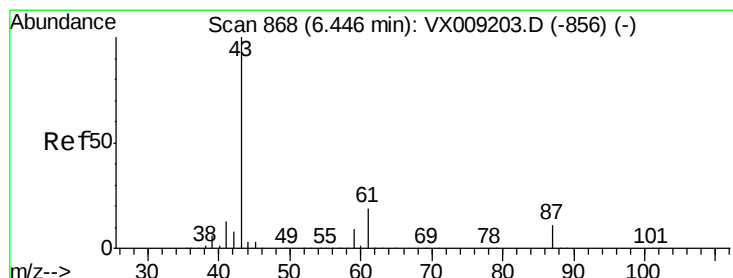
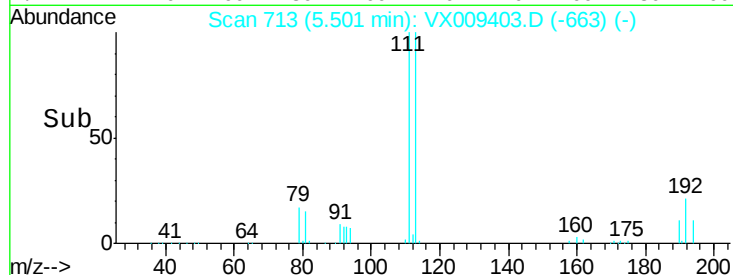
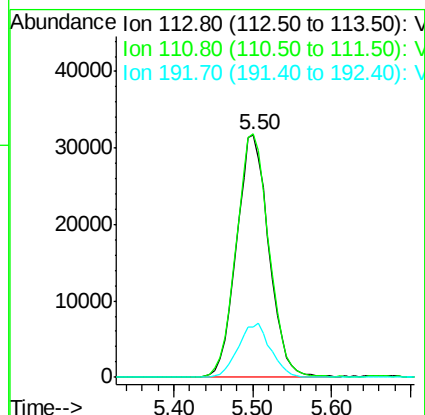
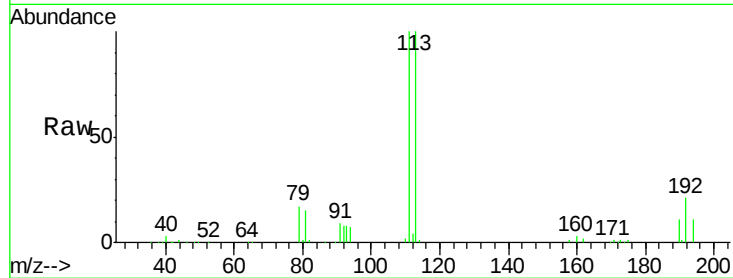
Tot Ion:113 Resp: 90288

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

192 22.3 17.0 25.6



#43

Isopropyl Acetate

Concen: 1.939 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

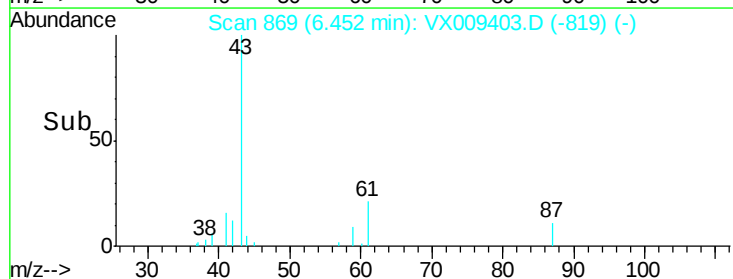
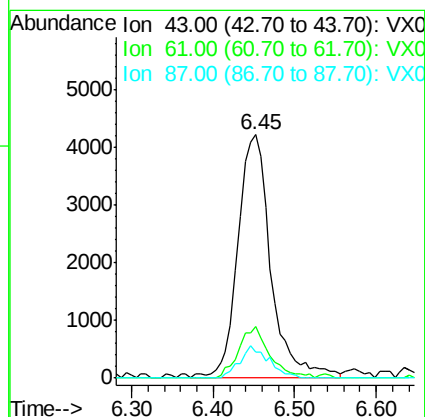
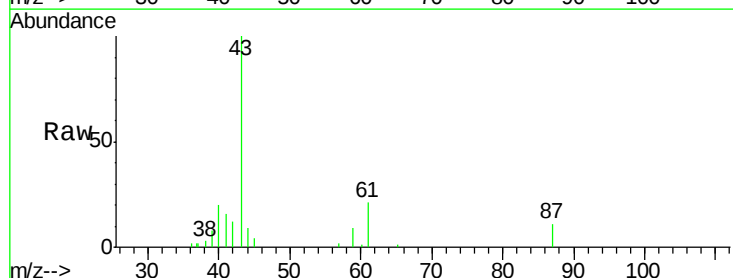
Tgt Ion: 43 Resp: 11872

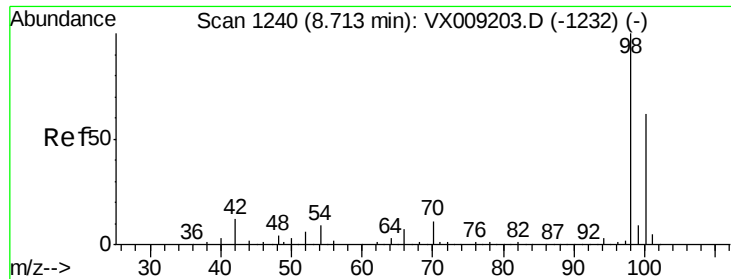
Ion Ratio Lower Upper

43 100

61 19.7 15.1 22.7

87 11.6 9.0 13.6

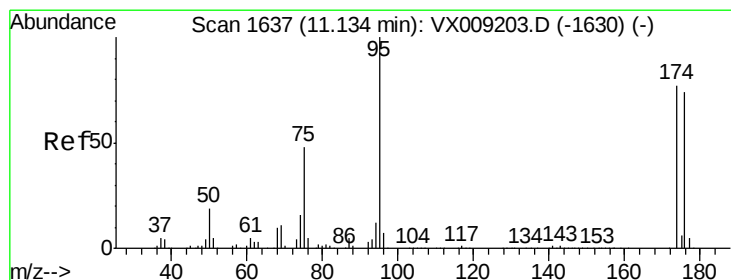
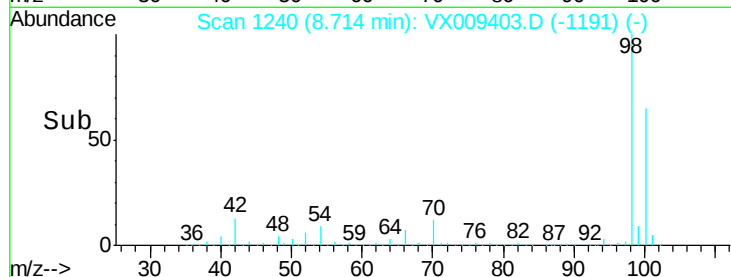
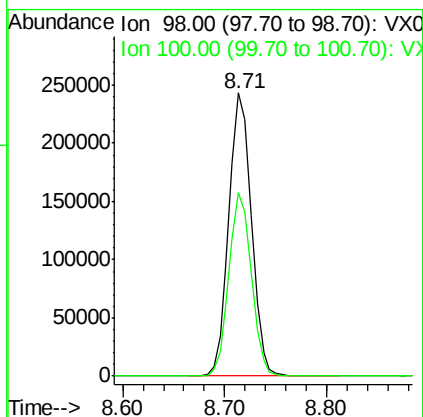
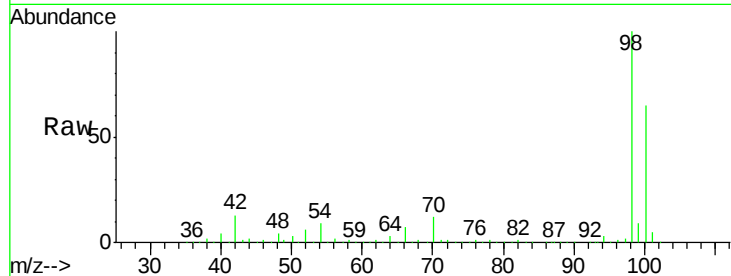




#50
Toluene-d8
Concen: 49.649 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

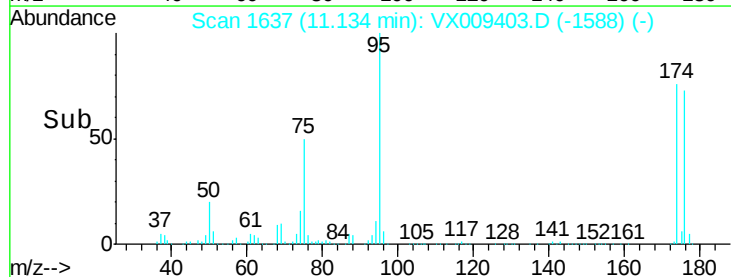
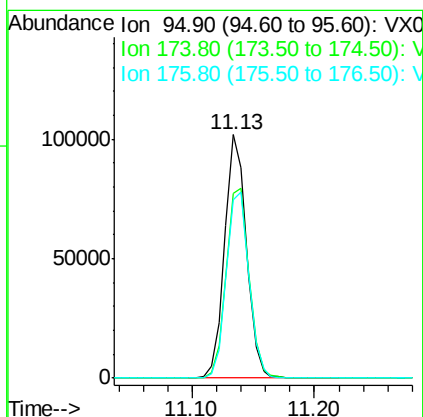
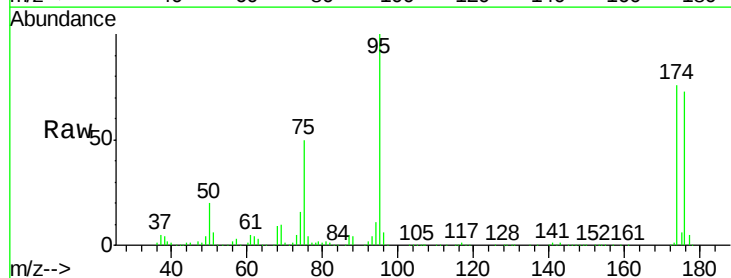
Instrument :
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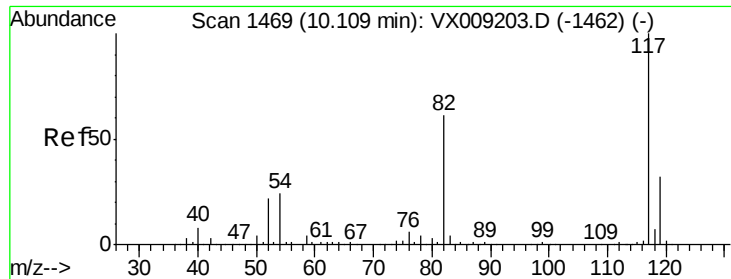
Tot Ion: 98 Resp: 372493
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.977 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

Tgt Ion: 95 Resp: 125341
Ion Ratio Lower Upper
95 100
174 81.7 0.0 161.6
176 79.4 0.0 159.2

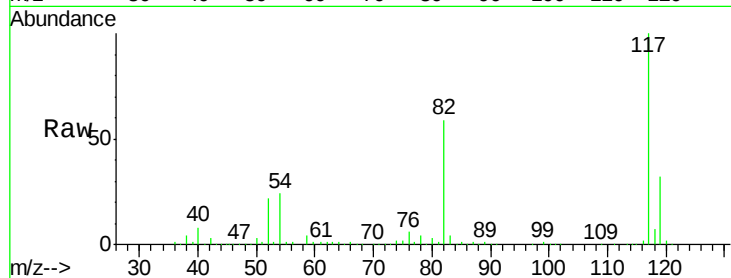




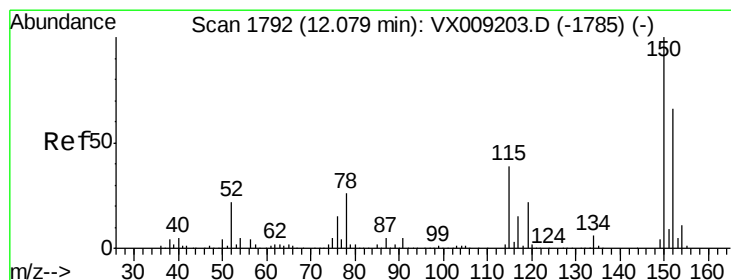
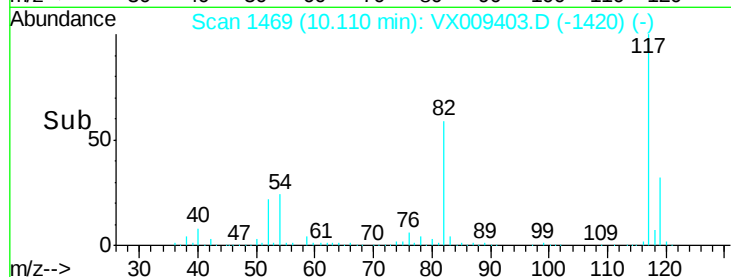
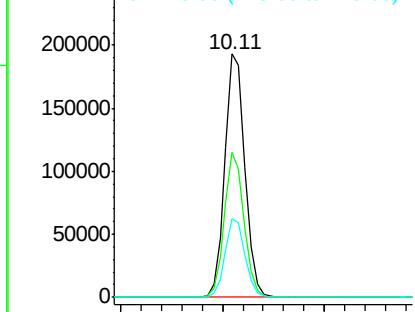
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

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

Tot Ion:117 Resp: 261344
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 32.2 25.8 38.6

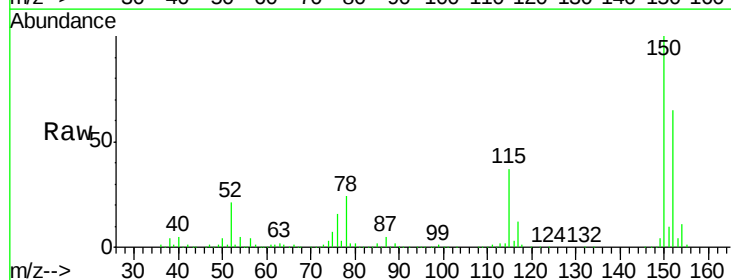


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

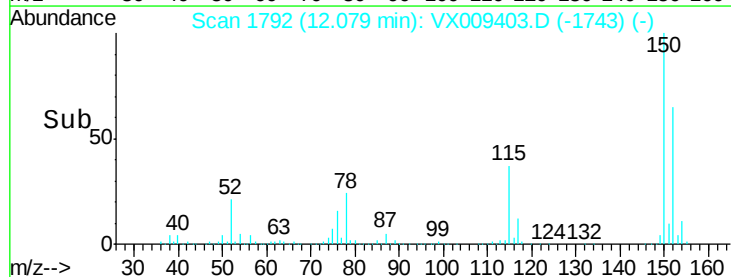
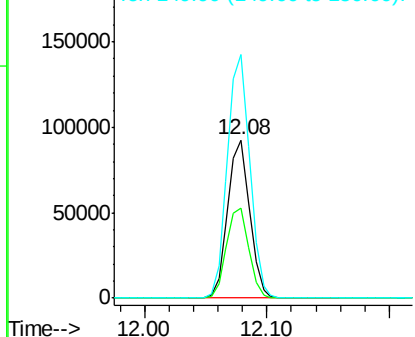


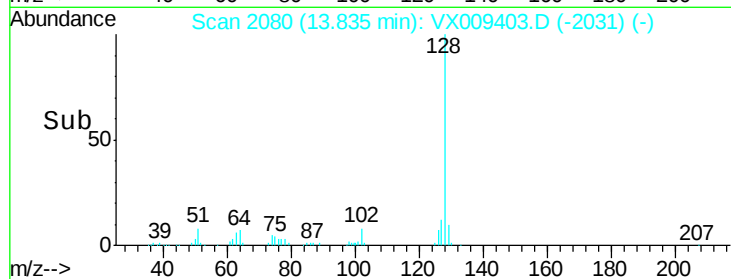
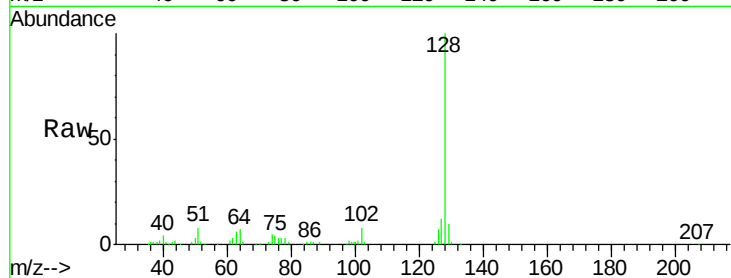
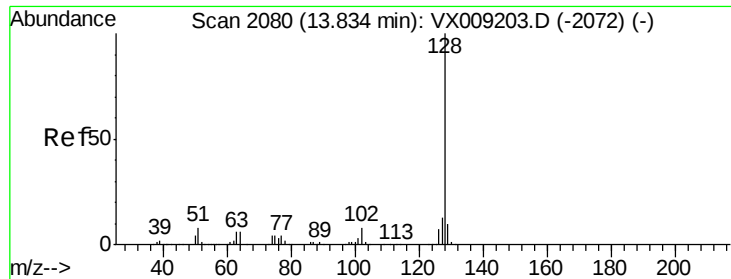
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009403.D
Acq: 08 May 2019 17:07

Tgt Ion:152 Resp: 114408
Ion Ratio Lower Upper
152 100
115 58.3 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





#95

Naphthalene

Concen: 2.846 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009403.D

Acq: 08 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-D

Tot Ion:128 Resp: 23737

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.4	15.6
129	10.9	8.6	13.0

