

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009402.D
 Acq On : 08 May 2019 16:44
 Operator : JC/SP
 Sample : K2641-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 09 07:02:48 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

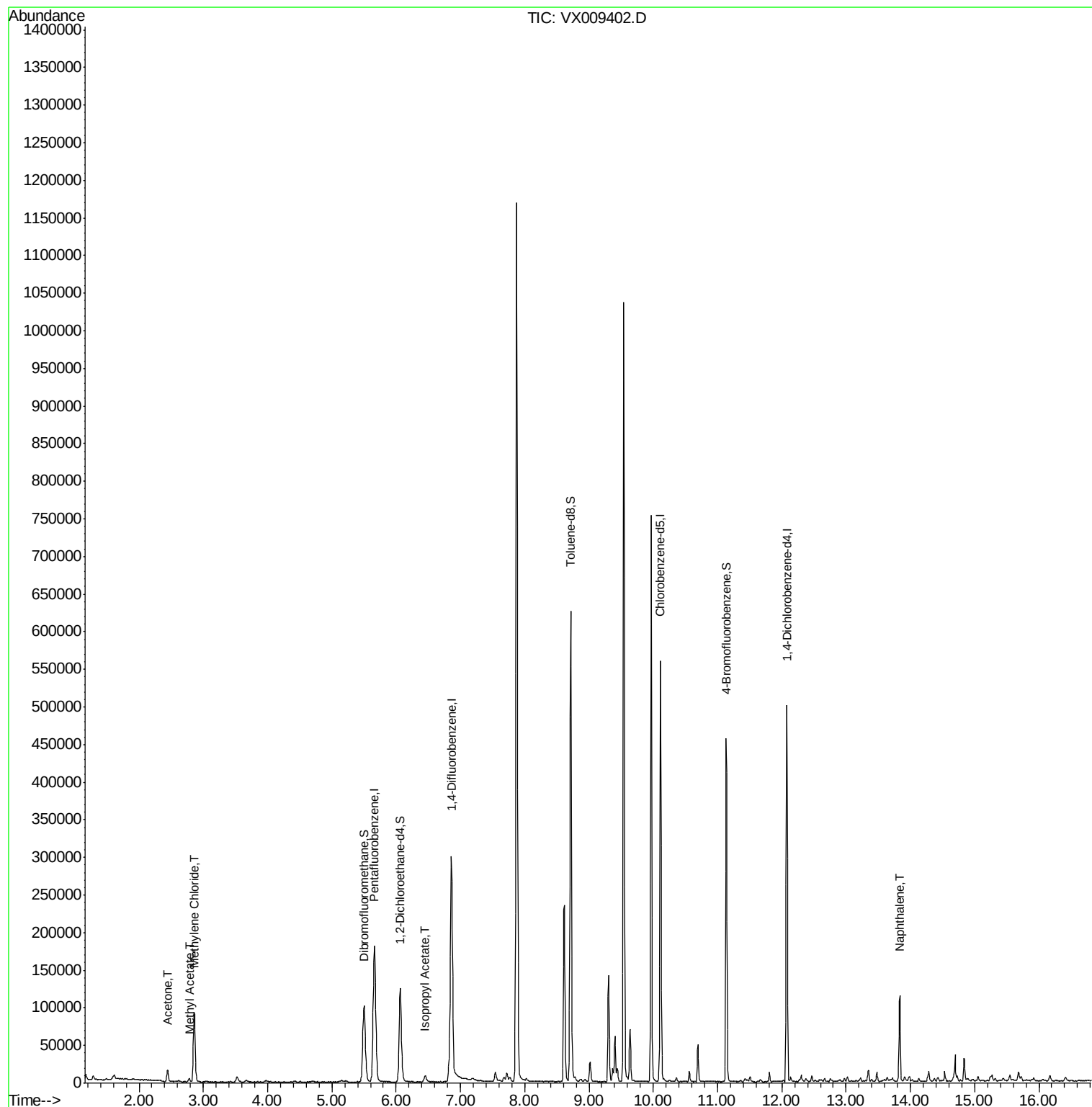
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117405	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
35) Dibromofluoromethane	5.50	113	87940	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	363445	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	118668	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
16) Acetone	2.45	43	17820	13.558	ug/l	97
18) Methyl Acetate	2.78	43	5425	1.736	ug/l	91
20) Methylene Chloride	2.85	84	43452	20.418	ug/l	96
43) Isopropyl Acetate	6.45	43	11470	1.924	ug/l	98
95) Naphthalene	13.83	128	68505	8.980	ug/l	99

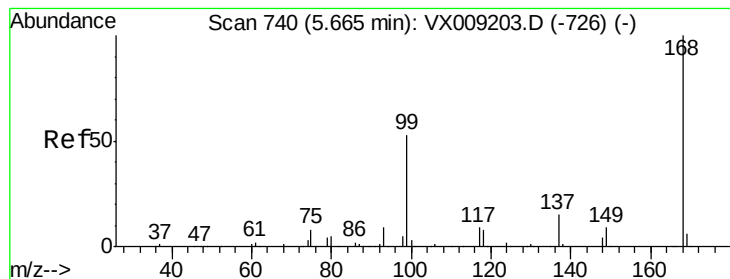
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009402.D

Acq: 08 May 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

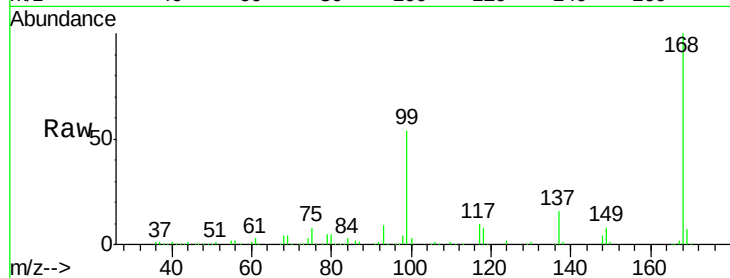
CL-02-050719-C

Tot Ion:168 Resp: 179306

Ion Ratio Lower Upper

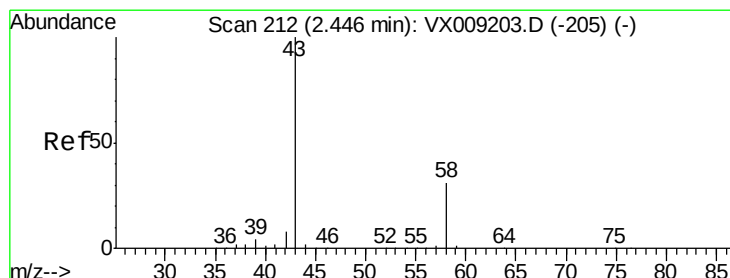
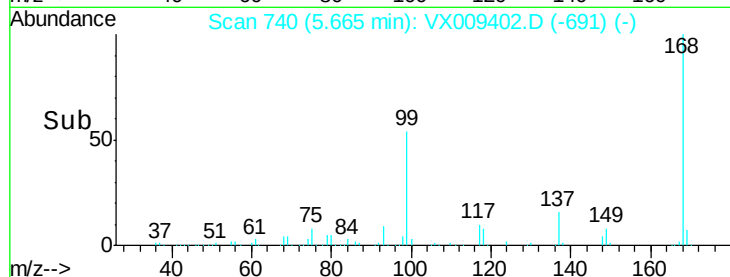
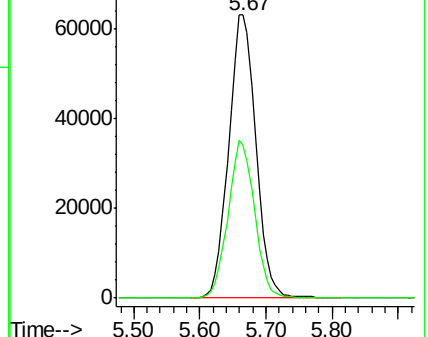
168 100

99 54.1 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: 13.558 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009402.D

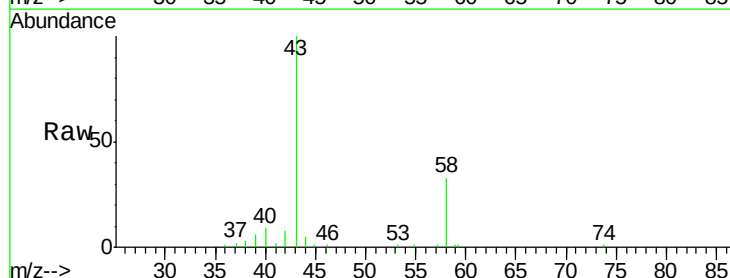
Acq: 08 May 2019 16:44

Tgt Ion: 43 Resp: 17820

Ion Ratio Lower Upper

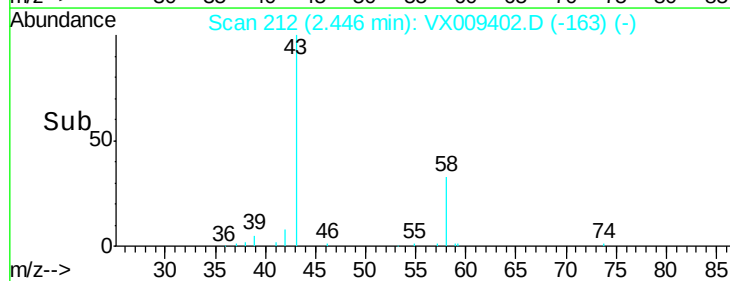
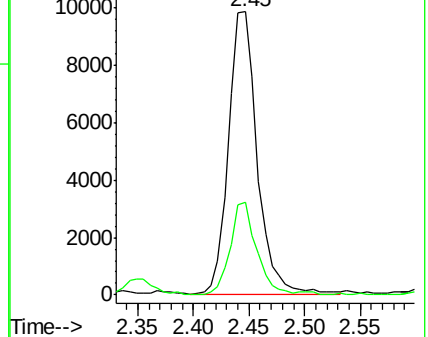
43 100

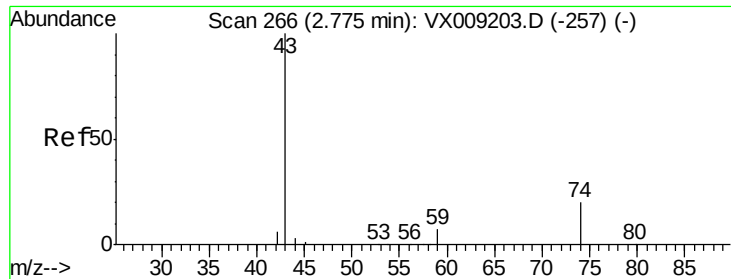
58 32.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

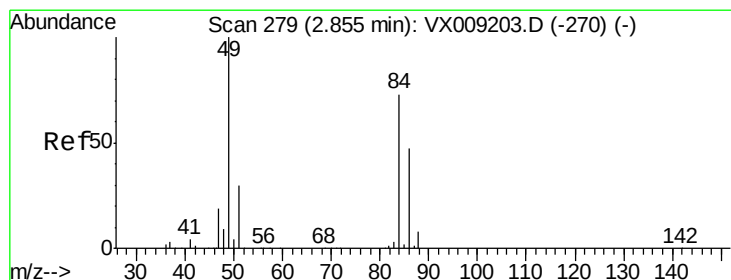
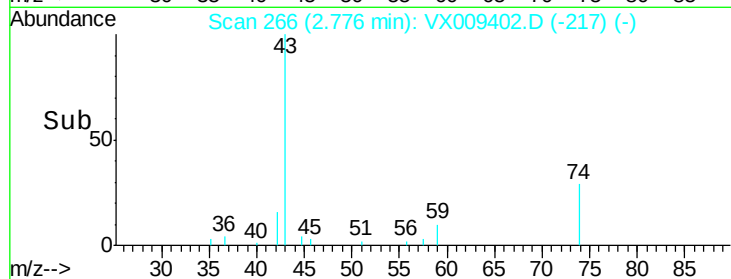
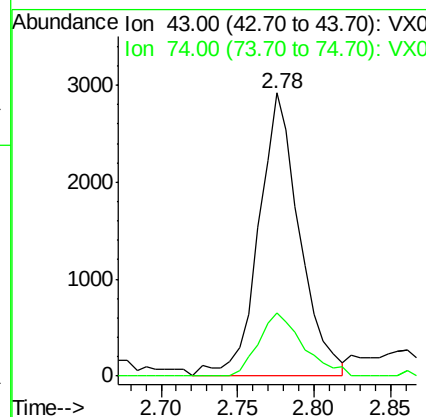
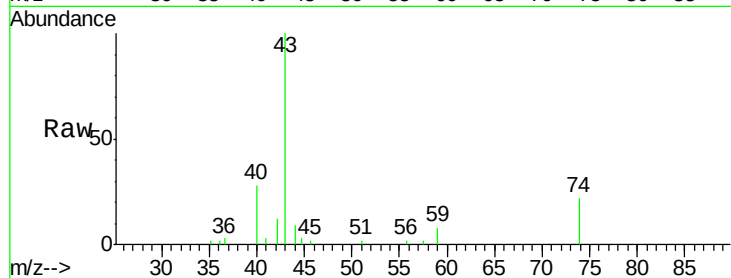




#18
Methvl Acetate
Concen: 1.736 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009402.D
Acq: 08 May 2019 16:44

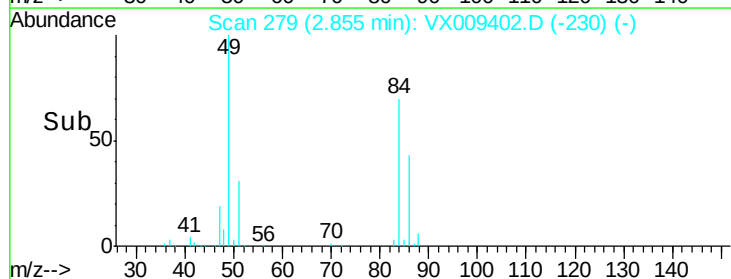
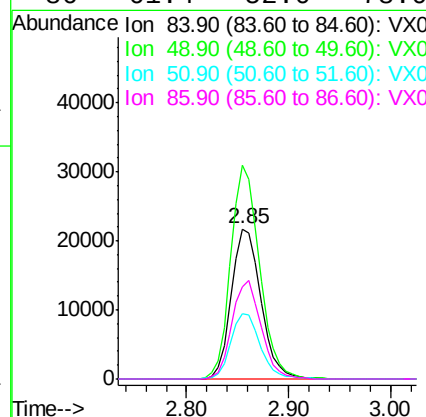
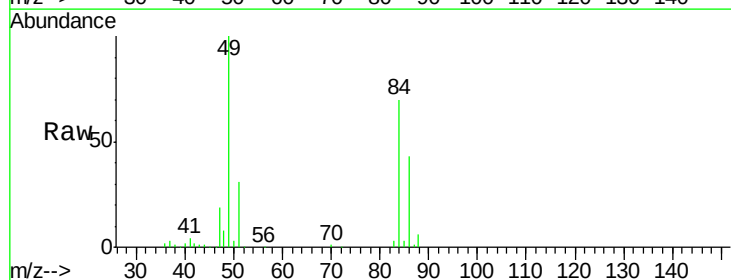
Instrument :
MSVOA_X
ClientSampleId :
CL-02-050719-C

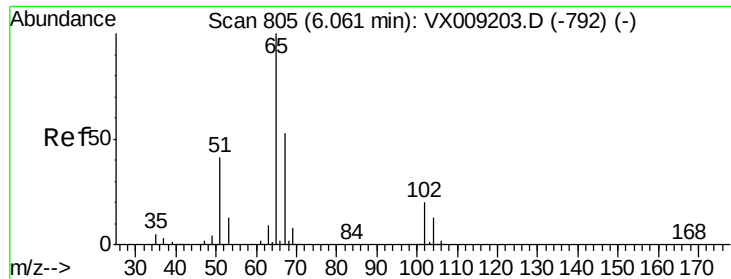
Tot Ion: 43 Resp: 5425
Ion Ratio Lower Upper
43 100
74 24.3 16.2 24.4



#20
Methylene Chloride
Concen: 20.418 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009402.D
Acq: 08 May 2019 16:44

Tgt Ion: 84 Resp: 43452
Ion Ratio Lower Upper
84 100
49 142.1 109.9 164.9
51 43.4 32.7 49.1
86 61.4 52.0 78.0

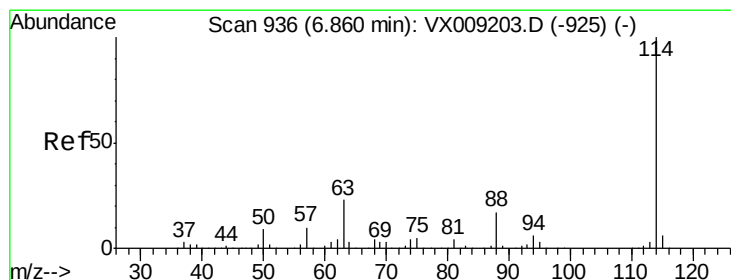
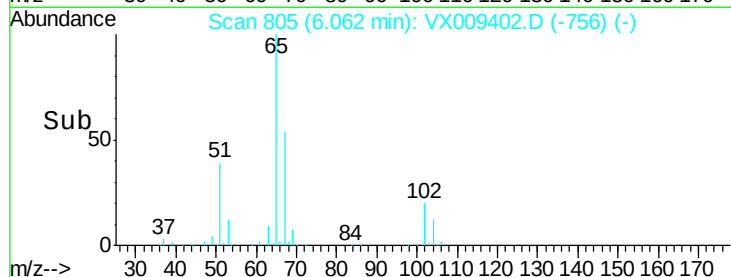
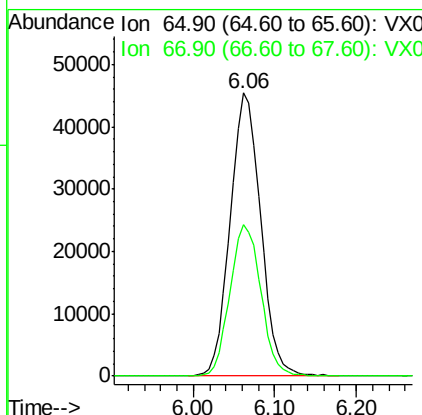
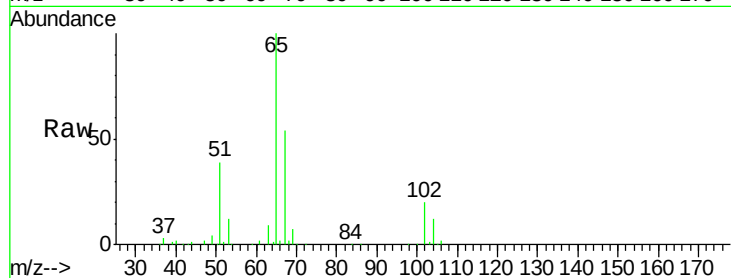




#33
 1,2-Dichloroethane-d4
 Concen: 47.965 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009402.D
 Acq: 08 May 2019 16:44

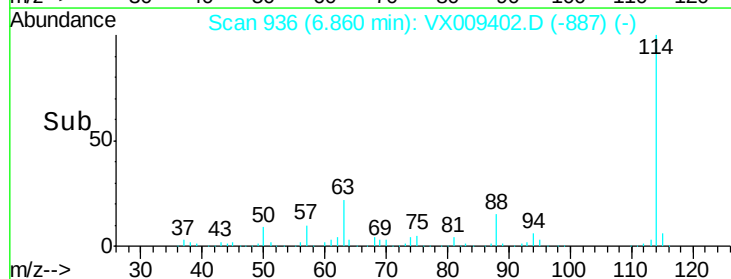
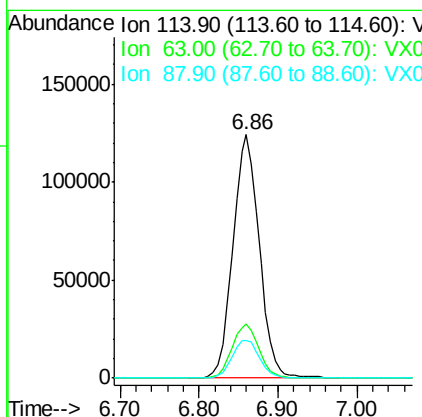
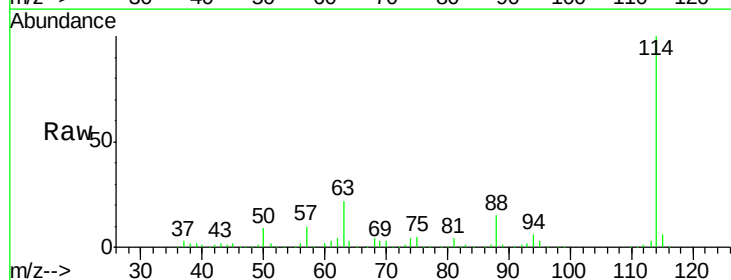
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-050719-C

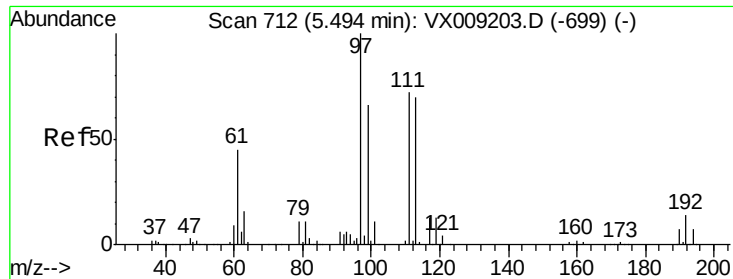
Tot Ion: 65 Resp: 117405
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009402.D
 Acq: 08 May 2019 16:44

Tgt Ion: 114 Resp: 287883
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.6
 88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.592 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009402.D

Acq: 08 May 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

CL-02-050719-C

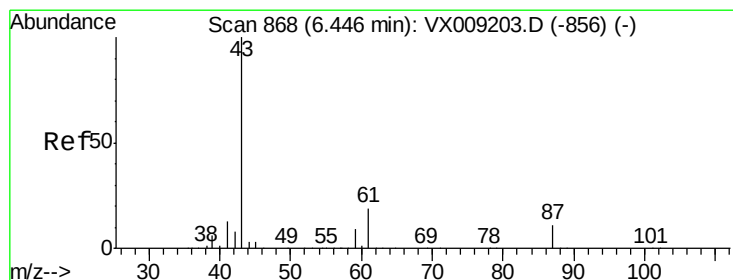
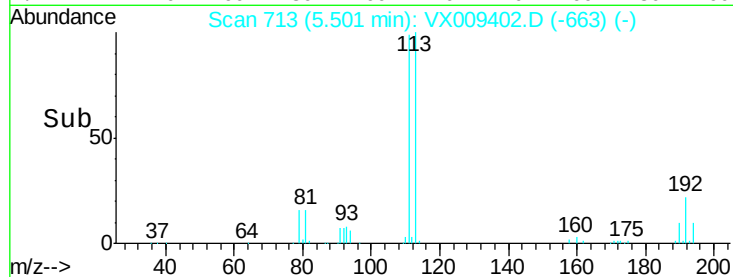
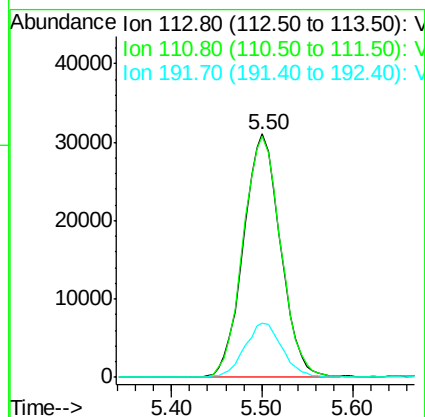
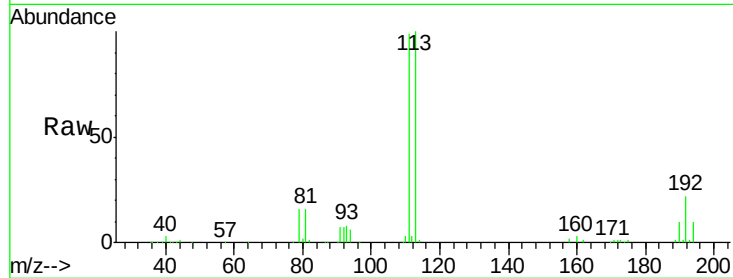
Tot Ion:113 Resp: 87940

Ion Ratio Lower Upper

113 100

111 100.8 82.8 124.2

192 22.4 17.0 25.6



#43

Isopropyl Acetate

Concen: 1.924 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009402.D

Acq: 08 May 2019 16:44

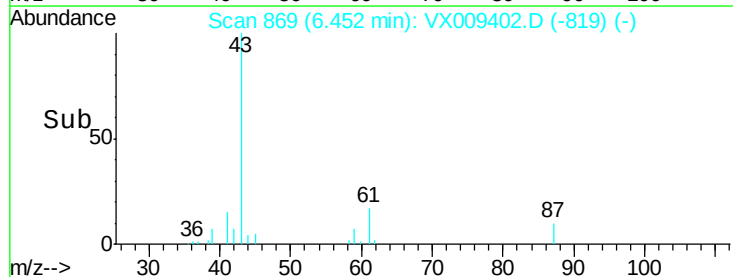
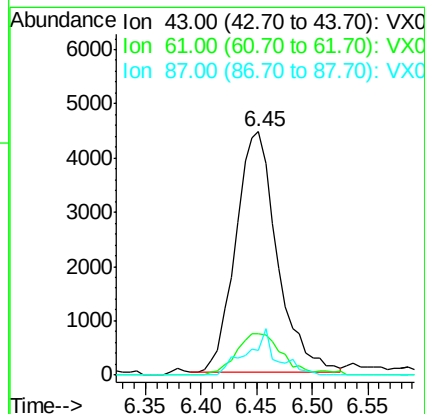
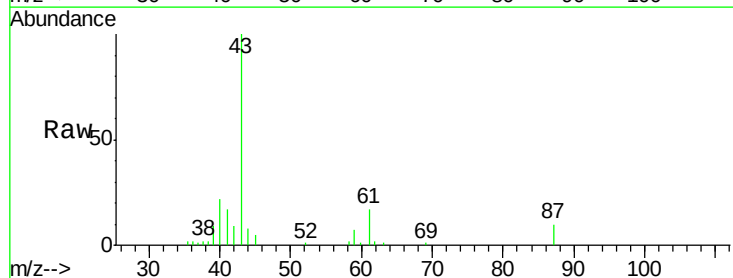
Tgt Ion: 43 Resp: 11470

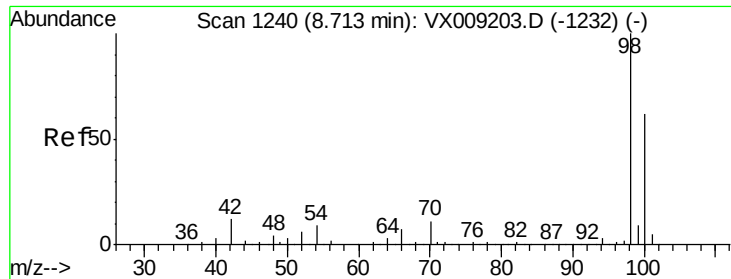
Ion Ratio Lower Upper

43 100

61 19.3 15.1 22.7

87 13.3 9.0 13.6

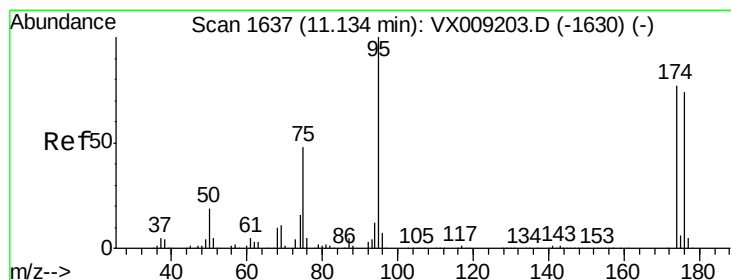
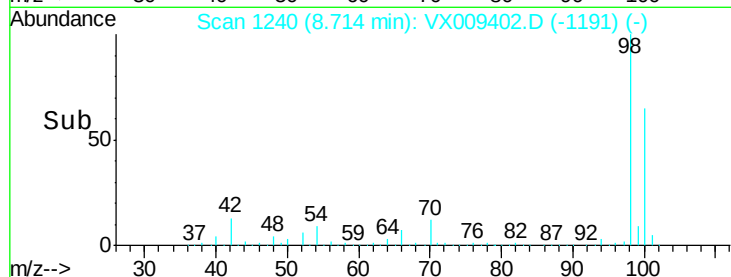
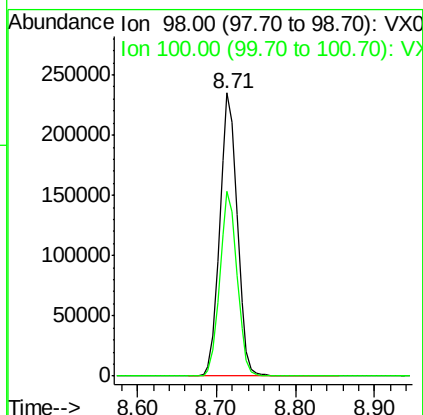
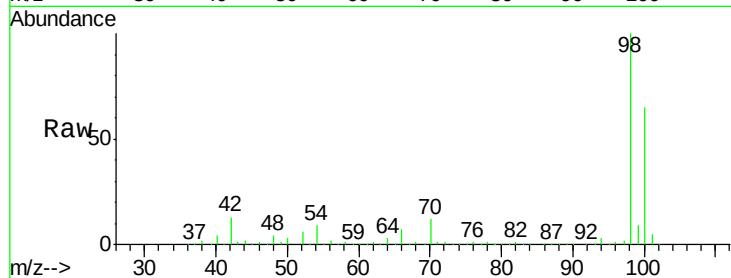




#50
Toluene-d8
Concen: 49.743 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009402.D
Acq: 08 May 2019 16:44

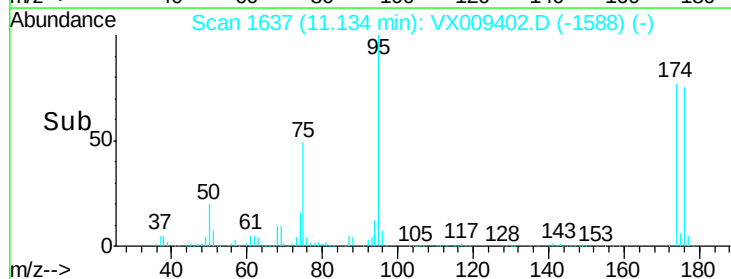
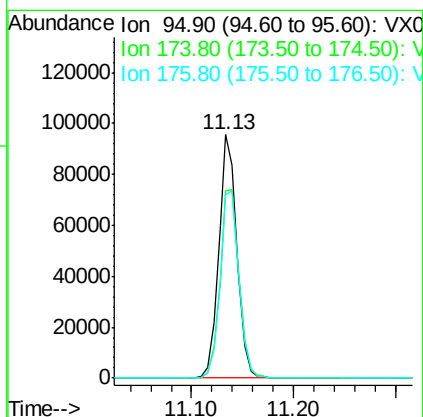
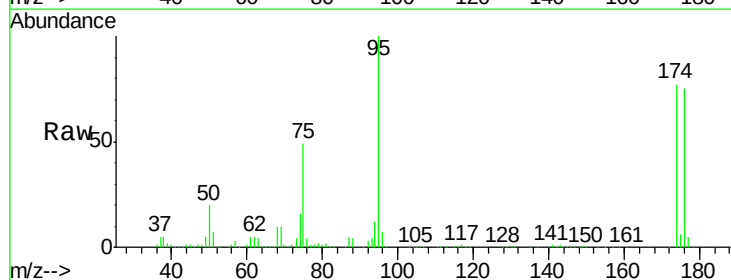
Instrument :
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CL-02-050719-C

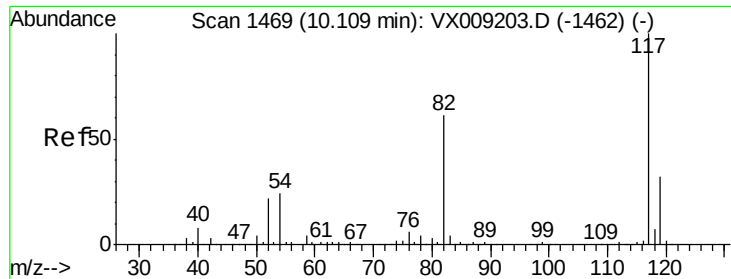
Tot Ion: 98 Resp: 363445
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.698 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009402.D
Acq: 08 May 2019 16:44

Tgt Ion: 95 Resp: 118668
Ion Ratio Lower Upper
95 100
174 81.7 0.0 161.6
176 79.9 0.0 159.2

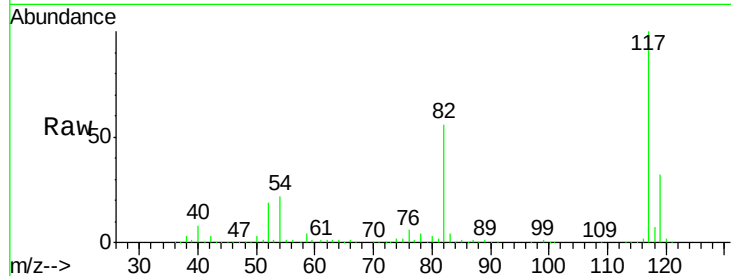




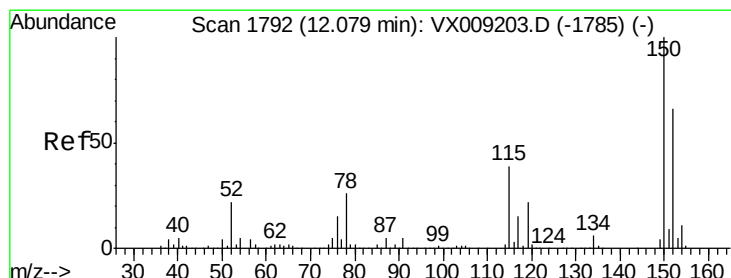
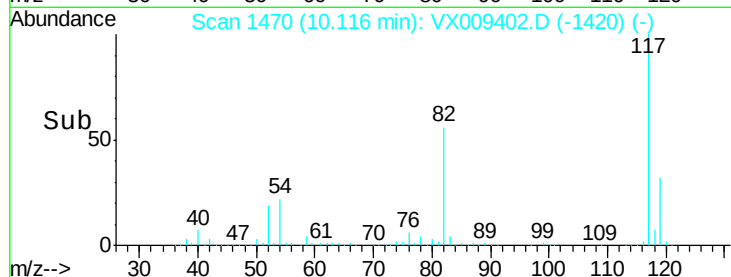
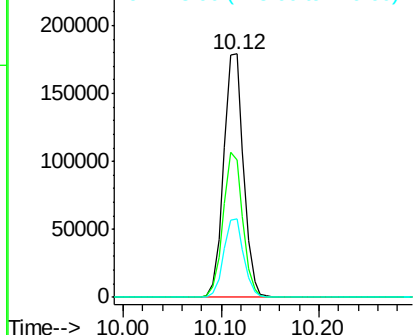
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009402.D
Acq: 08 May 2019 16:44

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

Tot Ion:117 Resp: 252251
Ion Ratio Lower Upper
117 100
82 56.4 48.8 73.2
119 32.1 25.8 38.6

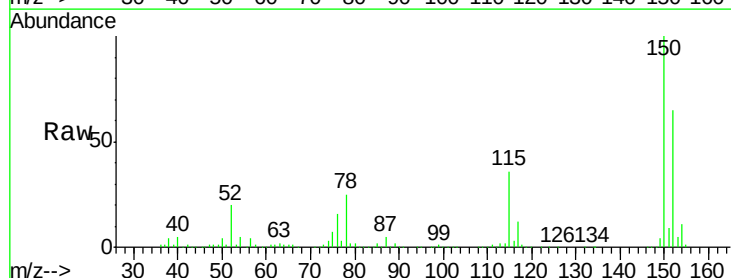


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

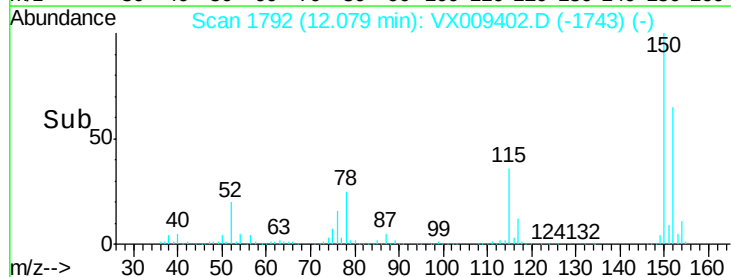
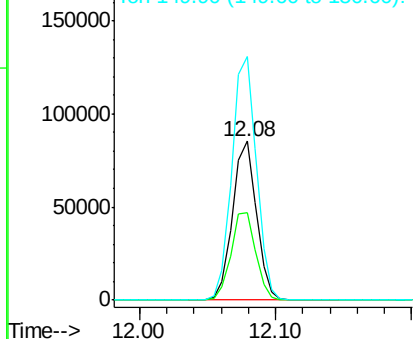


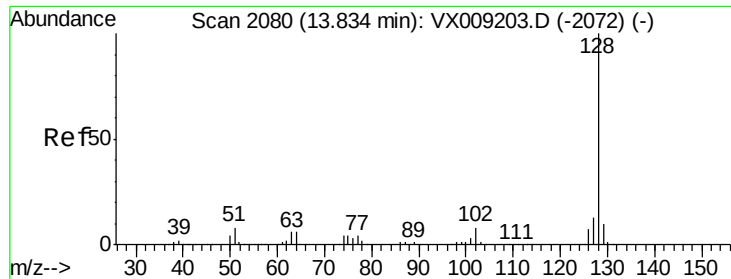
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009402.D
Acq: 08 May 2019 16:44

Tgt Ion:152 Resp: 104626
Ion Ratio Lower Upper
152 100
115 57.3 41.2 123.6
150 157.4 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: 8.980 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009402.D

Acq: 08 May 2019 16:44

Instrument :

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ClientSampleId :

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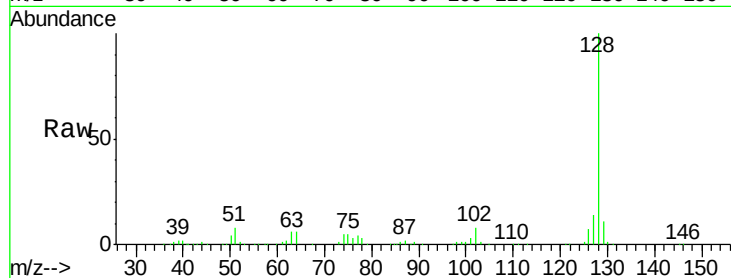
Tot Ion:128 Resp: 68505

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.1 8.6 13.0



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

