

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010450.D
 Acq On : 26 Jun 2019 10:19
 Operator : JC/SP
 Sample : K3527-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-TB1-M24W1-061919

Quant Time: Jun 27 02:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	378718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175511	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127153	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	126287	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	491682	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	167334	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	

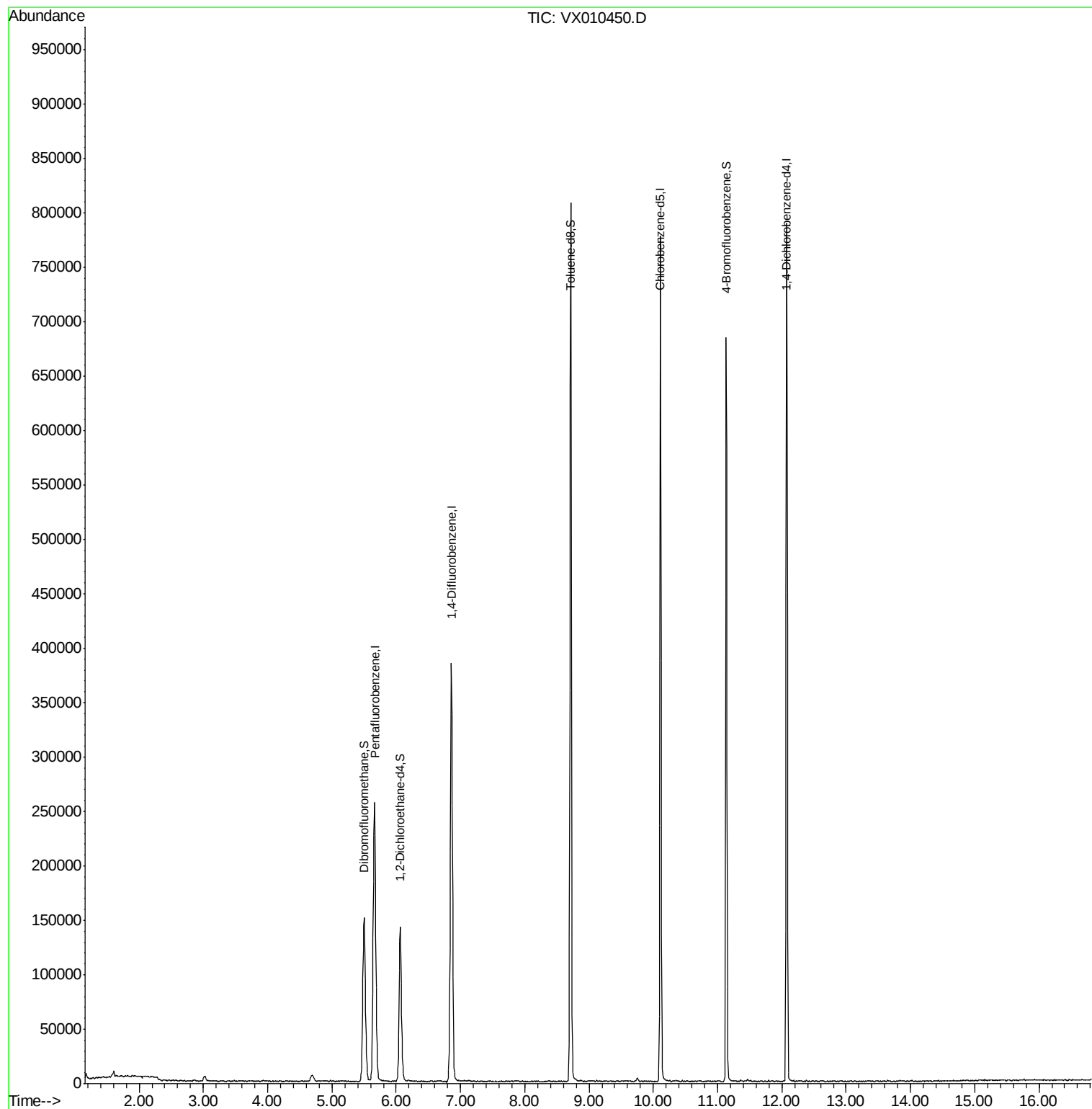
Target Compounds	Qvalue
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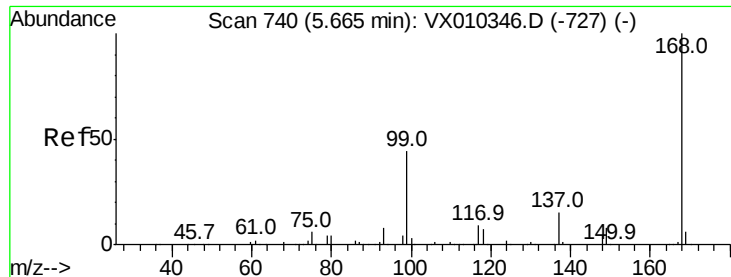
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010450.D

Acq: 26 Jun 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

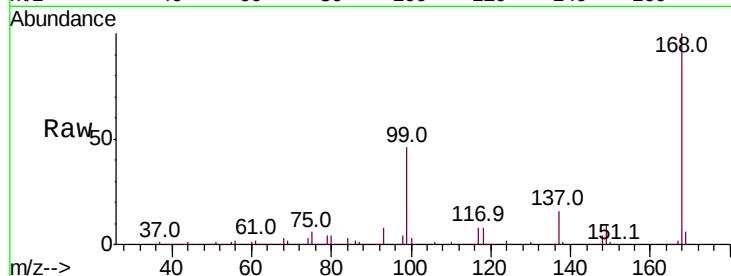
CPA-TB1-M24W1-061919

Tot Ion:168 Resp: 270406

Ion Ratio Lower Upper

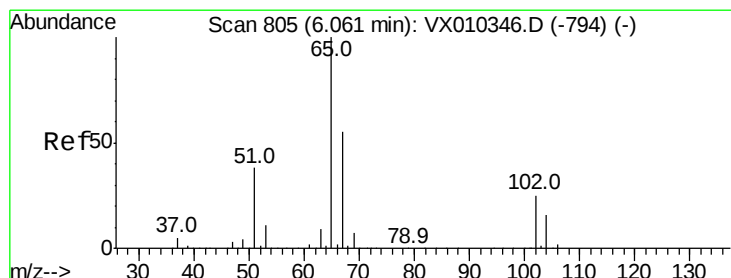
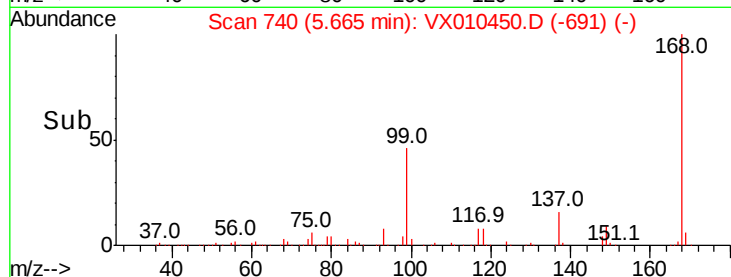
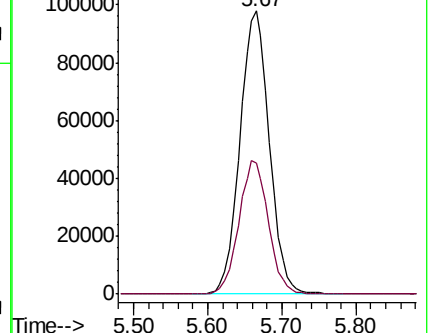
168 100

99 46.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.153 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010450.D

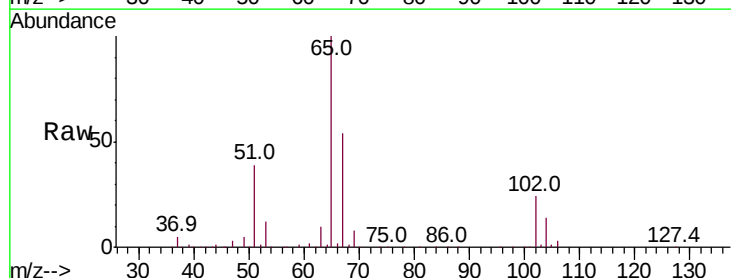
Acq: 26 Jun 2019 10:19

Tgt Ion: 65 Resp: 127153

Ion Ratio Lower Upper

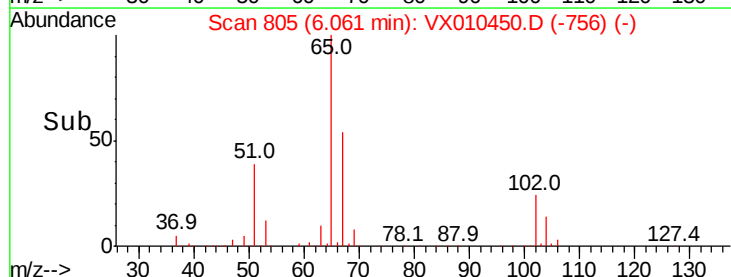
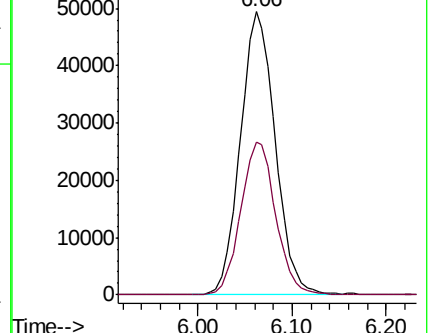
65 100

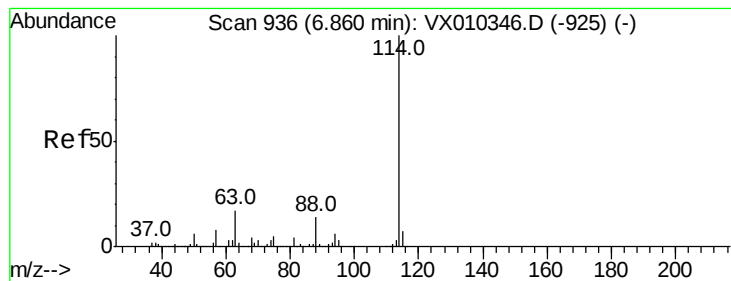
67 54.6 0.0 110.2



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: VX010450.D

Acq: 26 Jun 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

CPA-TB1-M24W1-061919

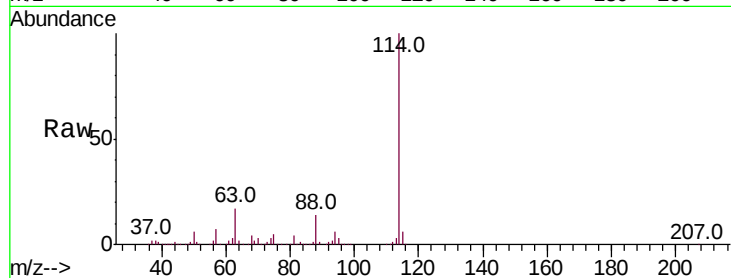
Tot Ion:114 Resp: 416781

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

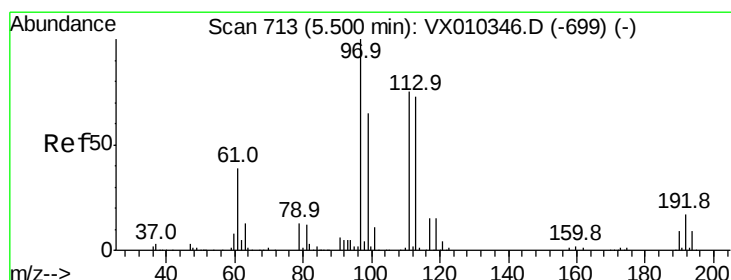
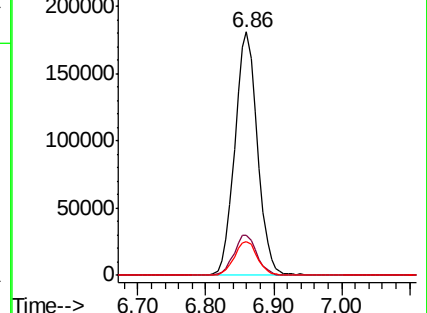
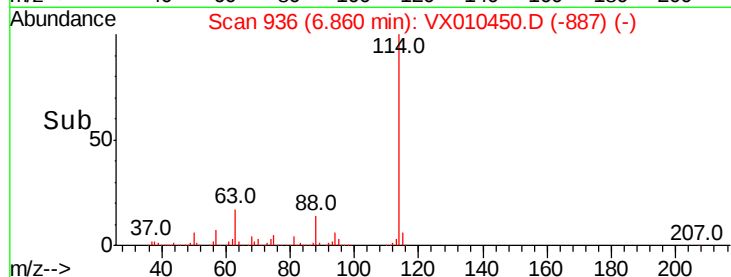
88 14.0 0.0 27.6



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: 49.524 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010450.D

Acq: 26 Jun 2019 10:19

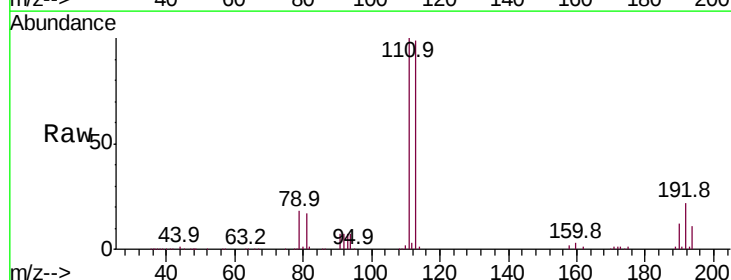
Tgt Ion:113 Resp: 126287

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

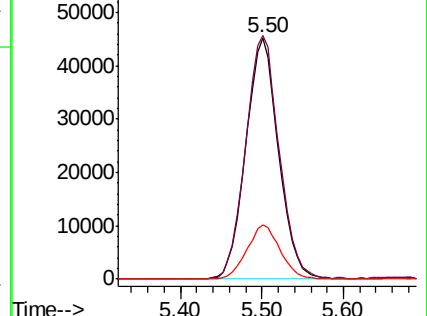
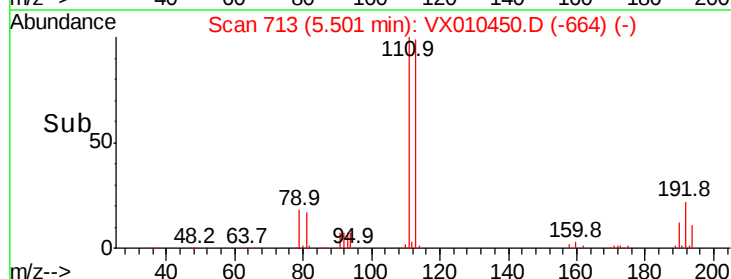
192 22.8 18.6 27.8

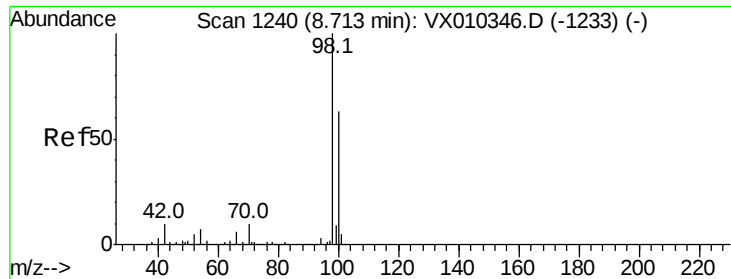


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.399 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010450.D

Acq: 26 Jun 2019 10:19

Instrument :

MSVOA_X

ClientSampleId :

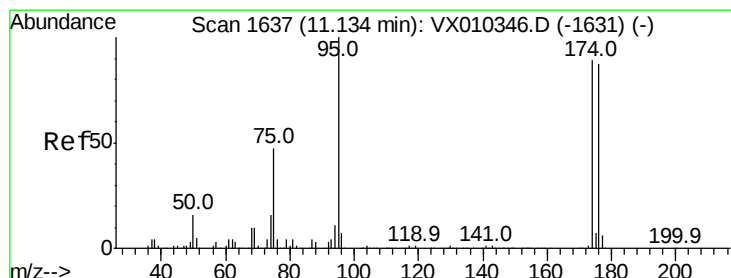
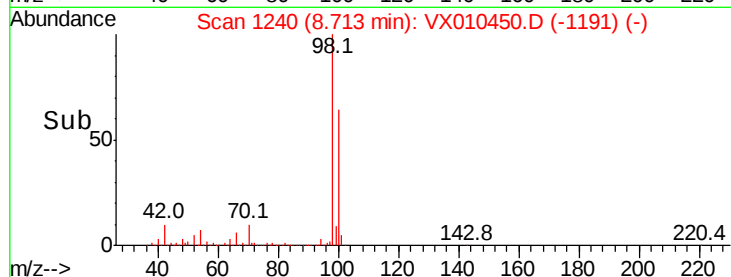
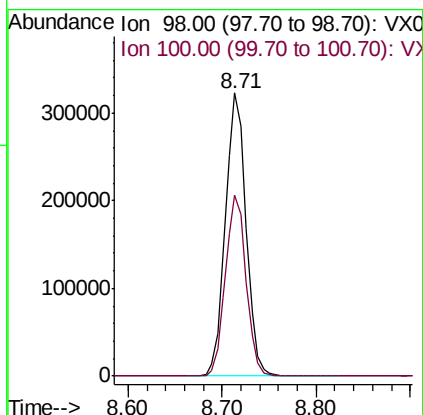
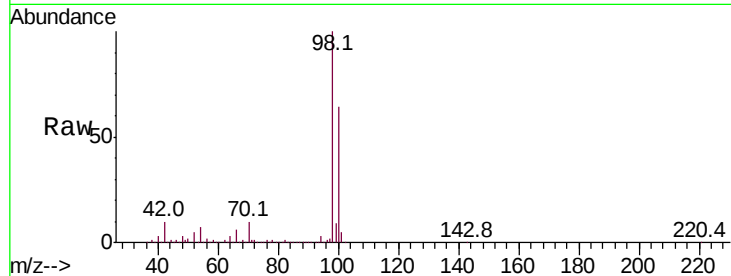
CPA-TB1-M24W1-061919

Tot Ion: 98 Resp: 491682

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.509 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010450.D

Acq: 26 Jun 2019 10:19

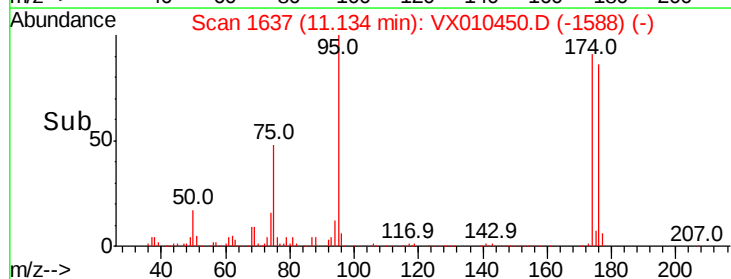
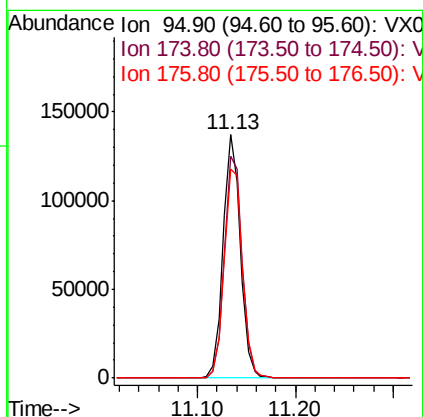
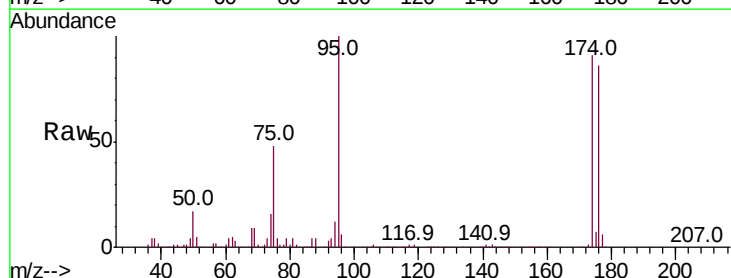
Tgt Ion: 95 Resp: 167334

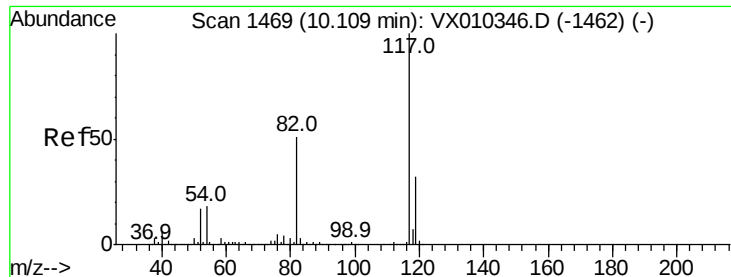
Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.6

176 91.3 0.0 184.0

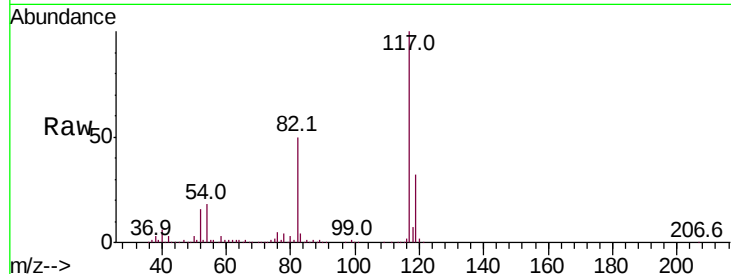




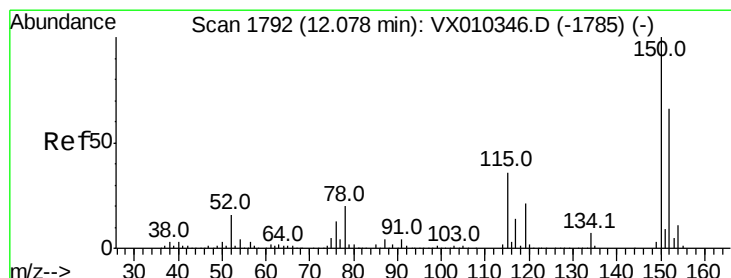
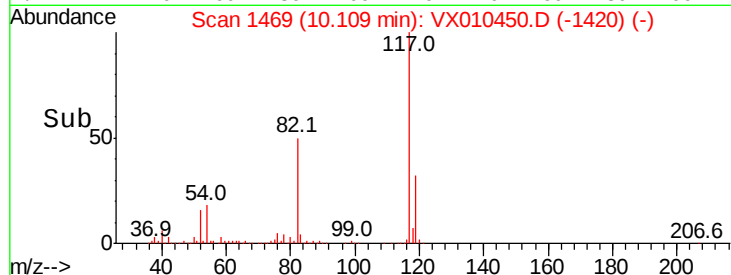
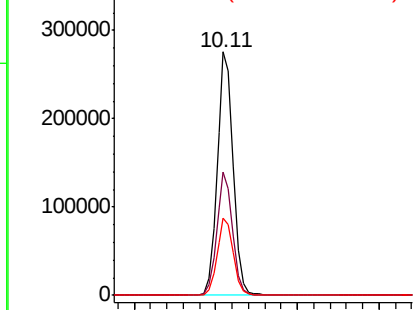
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010450.D
Acq: 26 Jun 2019 10:19

Instrument :
MSVOA_X
ClientSampleId :
CPA-TB1-M24W1-061919

Tot Ion:117 Resp: 378718
Ion Ratio Lower Upper
117 100
82 50.4 41.2 61.8
119 31.7 25.5 38.3

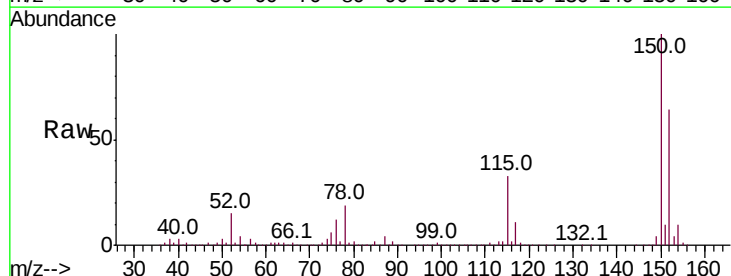


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010450.D
Acq: 26 Jun 2019 10:19

Tgt Ion:152 Resp: 175511
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 157.3 0.0 347.4



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

