

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009573.D
 Acq On : 15 May 2019 12:31
 Operator : JC/SP
 Sample : K2836-01
 Misc : 5.26g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CULVER-CBTC-WC1-051019

Quant Time: May 16 01:31:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

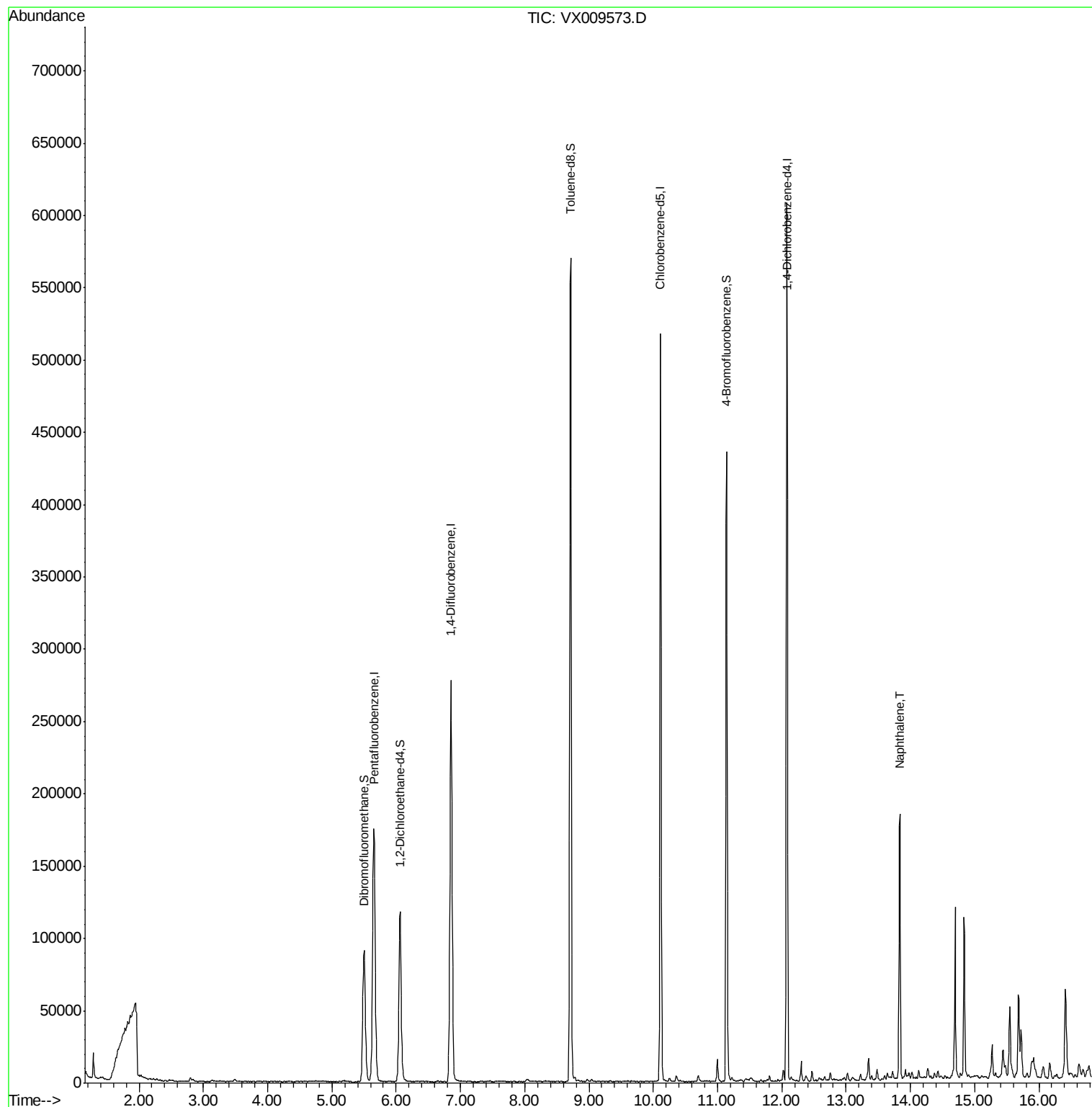
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169026	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	268949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110233	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
35) Dibromofluoromethane	5.50	113	77517	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	8.71	98	338103	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	117513	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
95) Naphthalene	13.83	128	112519	13.267	ug/l	Qvalue 99

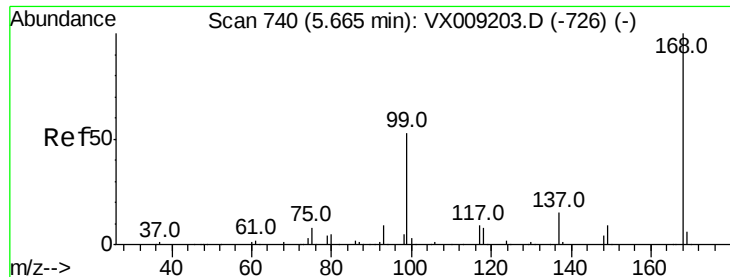
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009573.D

Acq: 15 May 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

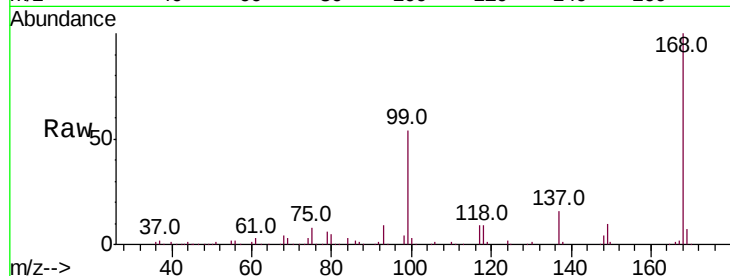
CULVER-CBTC-WC1-051019

Tot Ion:168 Resp: 169026

Ion Ratio Lower Upper

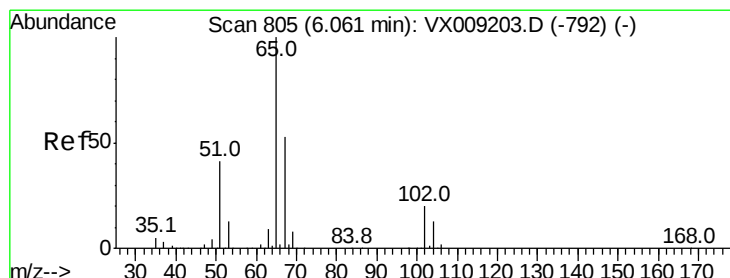
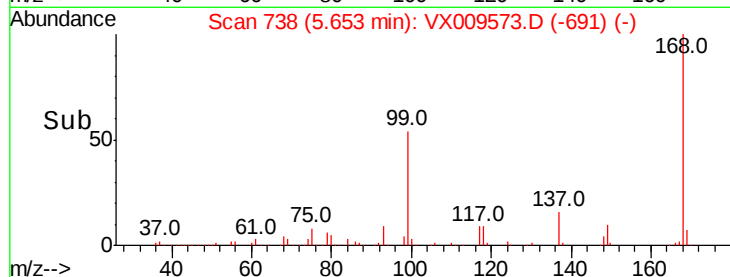
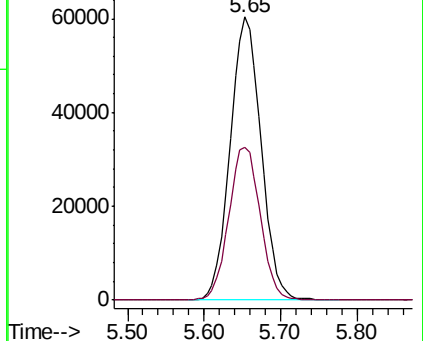
168 100

99 54.0 42.3 63.5



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: 47.774 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009573.D

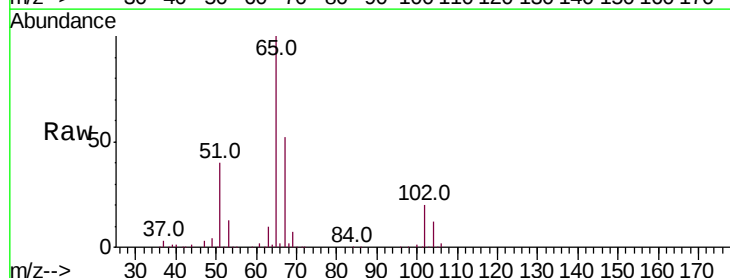
Acq: 15 May 2019 12:31

Tgt Ion: 65 Resp: 110233

Ion Ratio Lower Upper

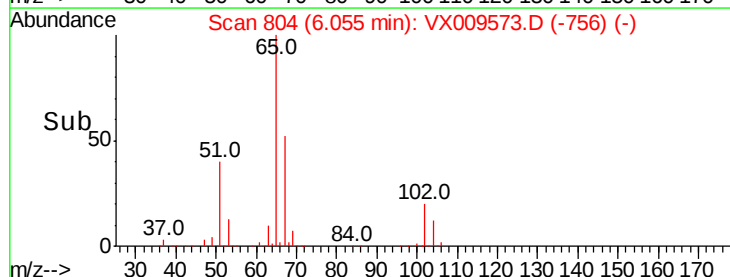
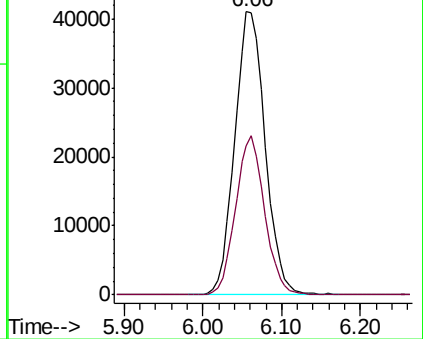
65 100

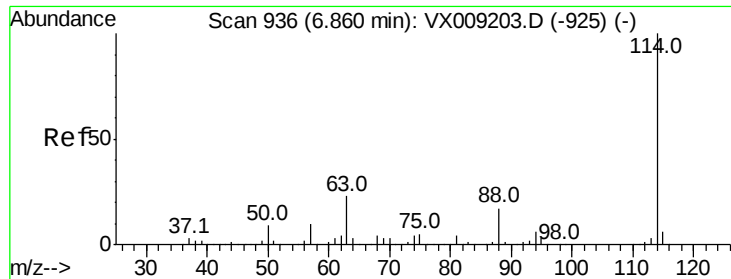
67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

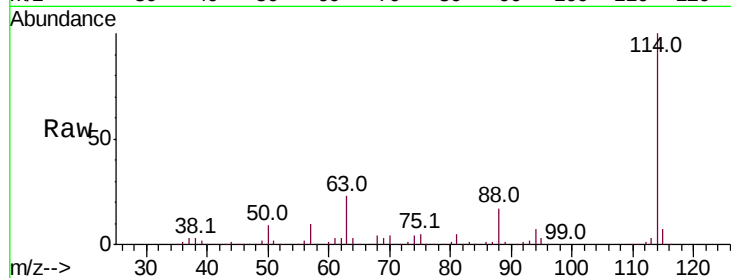




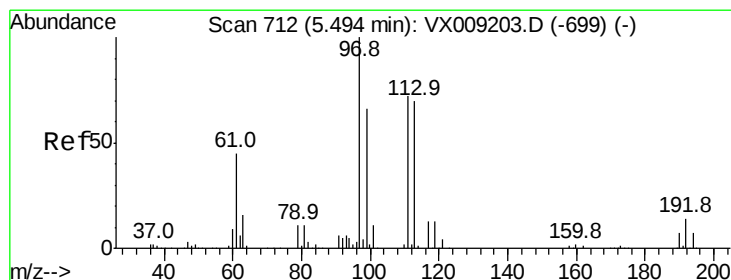
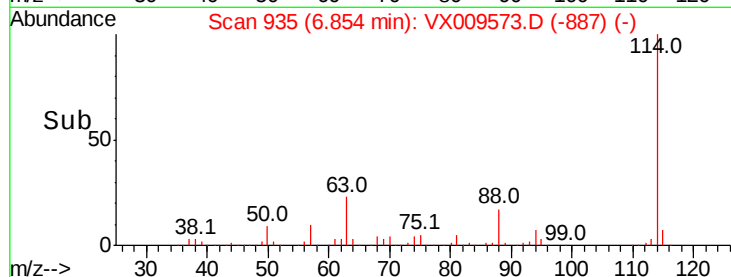
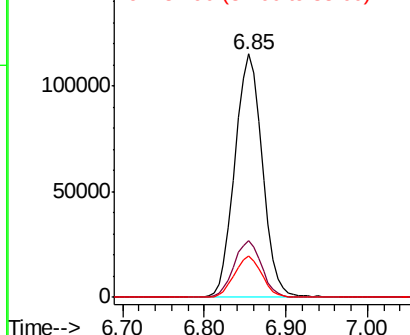
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009573.D
 Acq: 15 May 2019 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 CULVER-CBTC-WC1-051019

Tot Ion:114 Resp: 268949
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.8 0.0 33.2

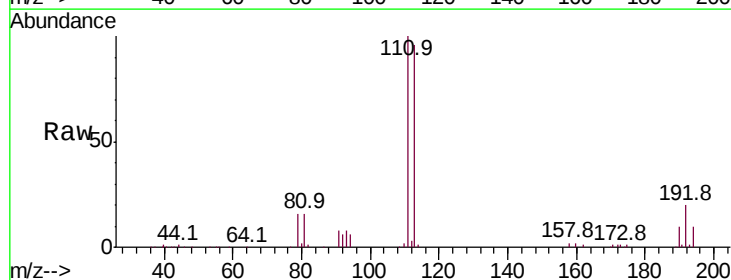


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

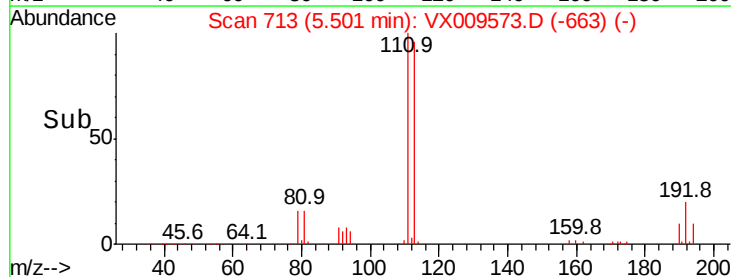
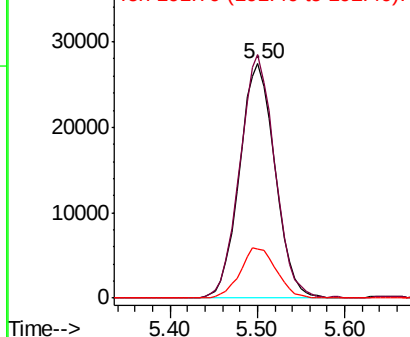


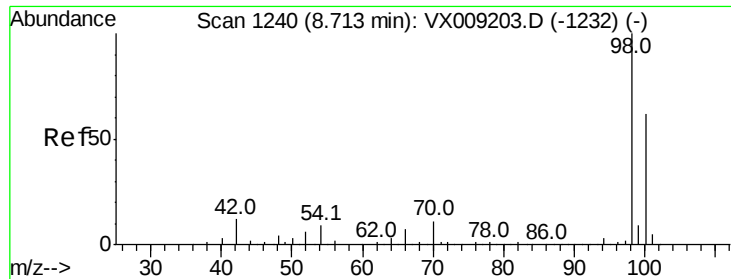
#35
 Dibromofluoromethane
 Concen: 45.848 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009573.D
 Acq: 15 May 2019 12:31

Tgt Ion:113 Resp: 77517
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 22.0 17.0 25.6



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

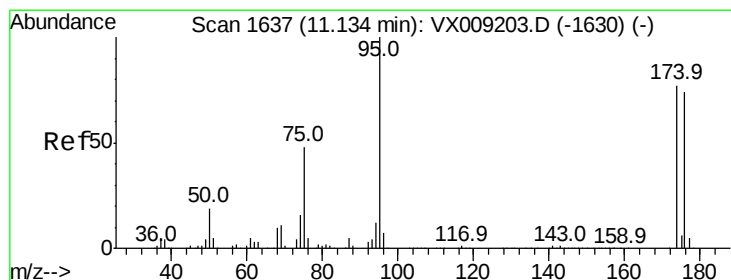
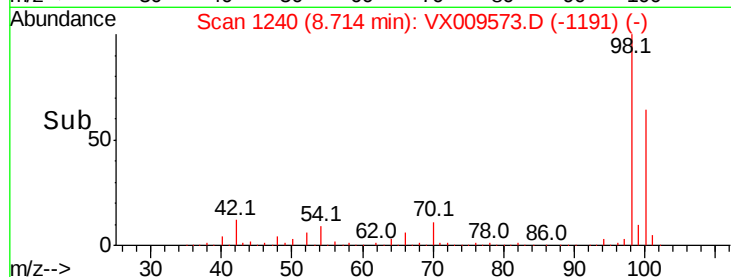
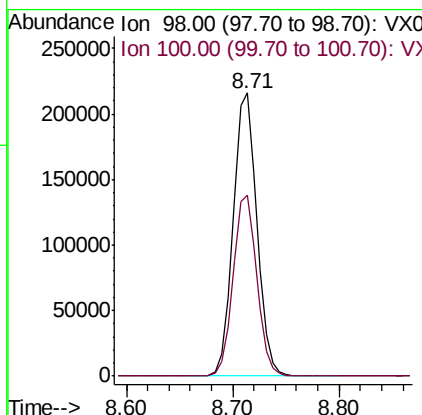
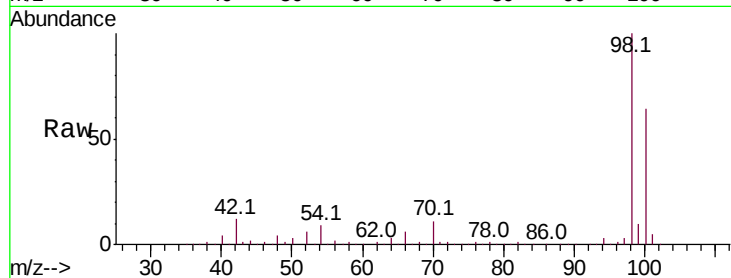




#50
Toluene-d8
Concen: 49.533 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009573.D
Acq: 15 May 2019 12:31

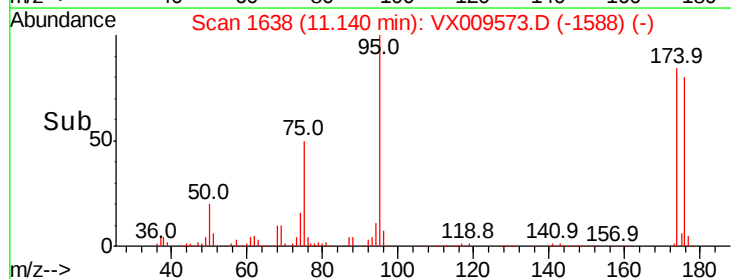
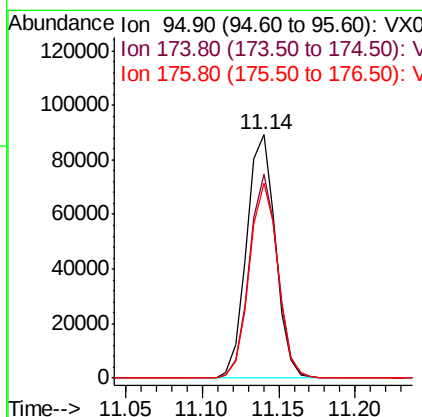
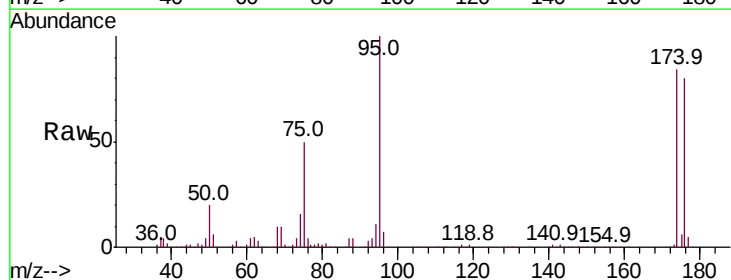
Instrument :
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CULVER-CBTC-WC1-051019

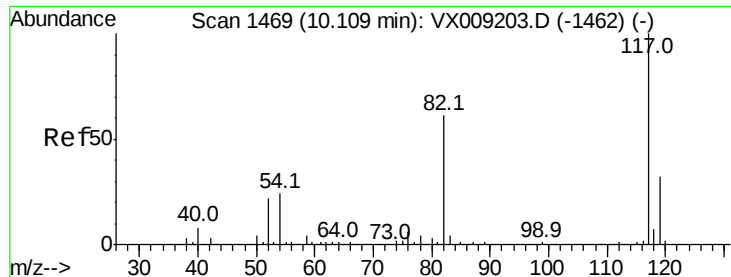
Tot Ion: 98 Resp: 338103
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 47.379 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX009573.D
Acq: 15 May 2019 12:31

Tgt Ion: 95 Resp: 117513
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.6
176 79.3 0.0 159.2

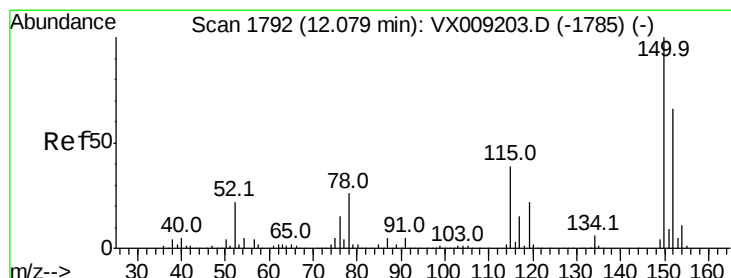
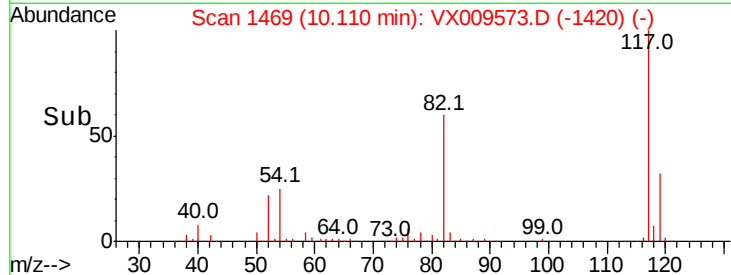
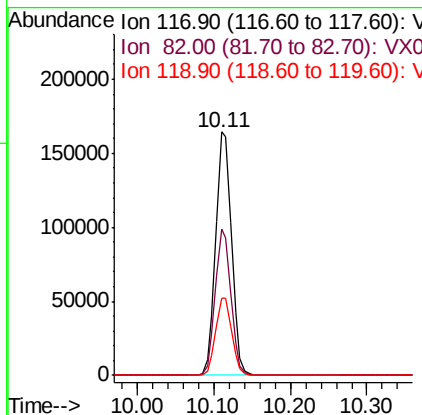
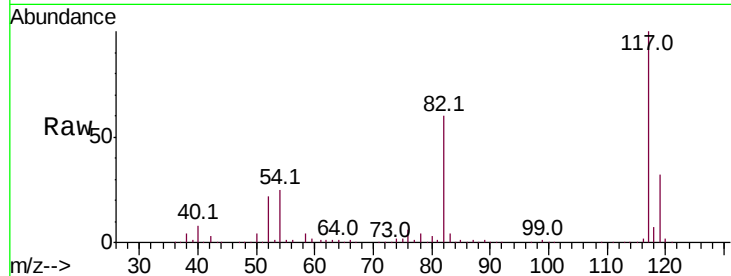




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009573.D
 Acq: 15 May 2019 12:31

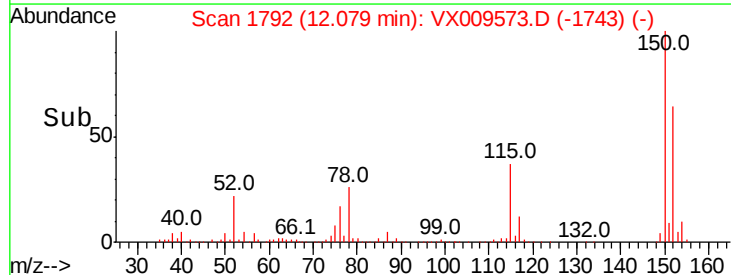
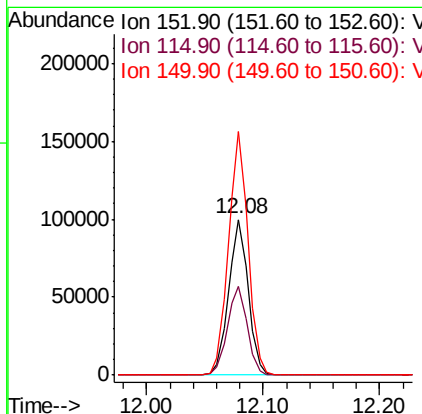
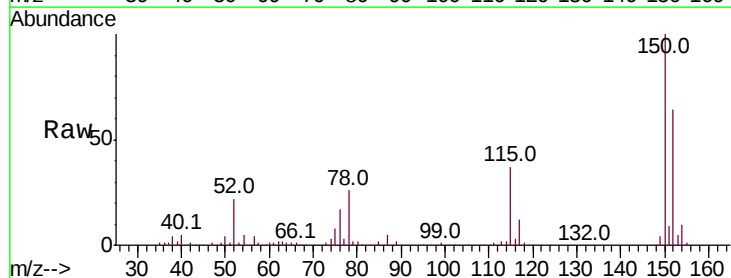
Instrument :
 MSVOA_X
 ClientSampleId :
 CULVER-CBTC-WC1-051019

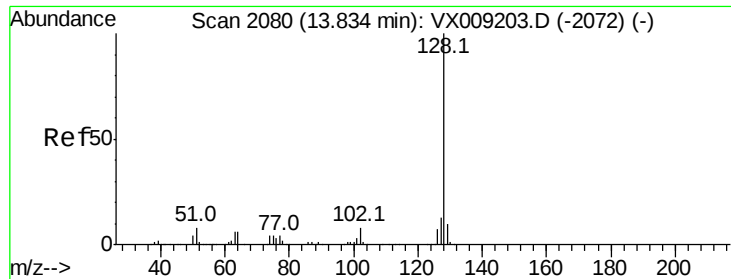
Tot Ion:117 Resp: 236246
 Ion Ratio Lower Upper
 117 100
 82 59.9 48.8 73.2
 119 31.5 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009573.D
 Acq: 15 May 2019 12:31

Tgt Ion:152 Resp: 116319
 Ion Ratio Lower Upper
 152 100
 115 57.6 41.2 123.6
 150 156.6 0.0 346.4





#95
Naphthalene
Concen: 13.267 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009573.D
Acq: 15 May 2019 12:31

Instrument :
MSVOA_X
ClientSampleId :
CULVER-CBTC-WC1-051019

Tot Ion:128 Resp: 112519
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.9 8.6 13.0

