

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010801.D
 Acq On : 11 Jul 2019 12:53
 Operator : JC/SP
 Sample : K3726-03ME
 Misc : 5.87g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

Quant Time: Jul 12 13:16:34 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

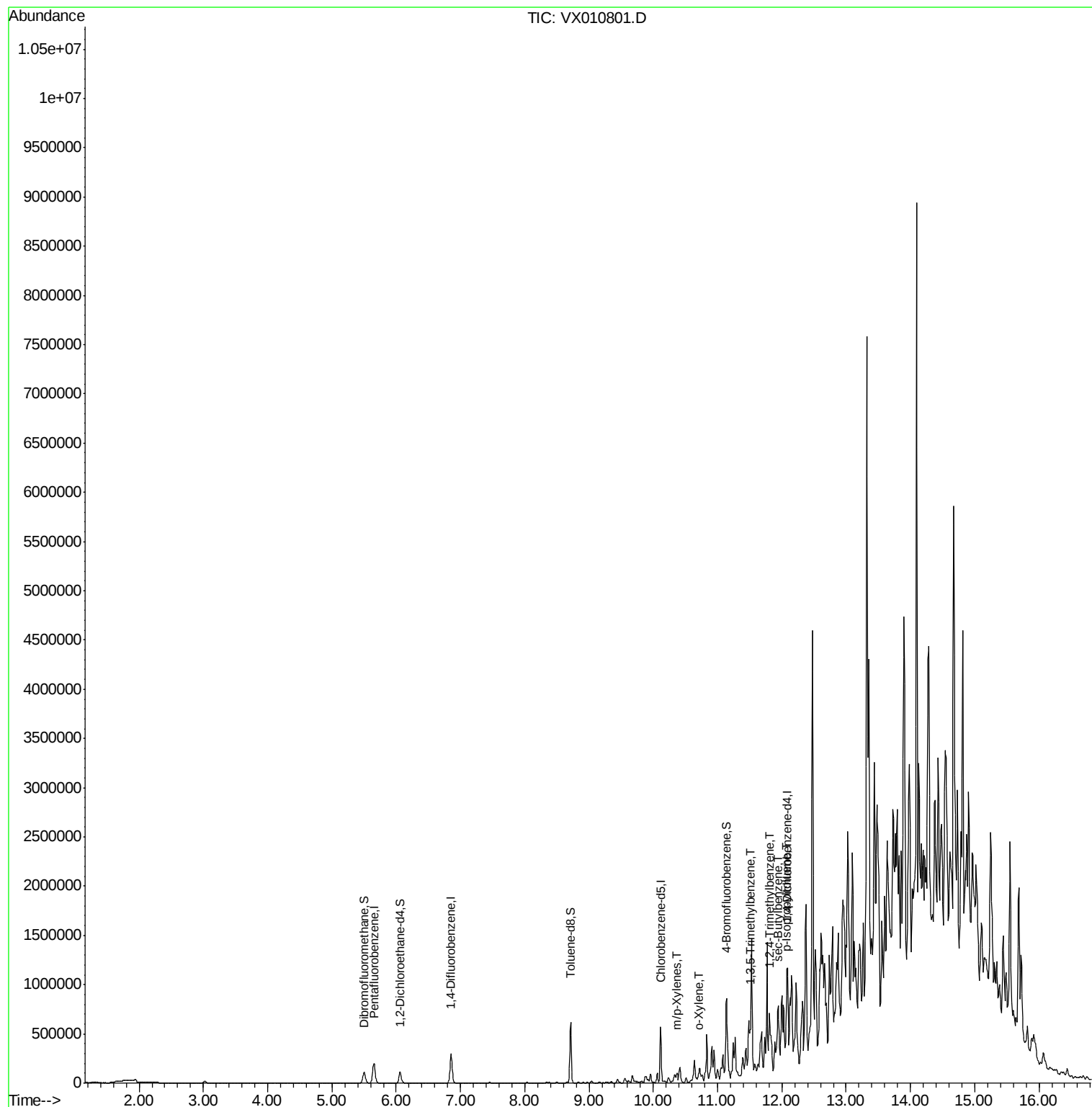
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	206429	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	316382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	101908	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	5.50	113	91832	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.71	98	371107	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.14	95	135226	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.36	106	4531	1.209	ug/l	75
69) o-Xylene	10.70	106	8503	2.306	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	142437	17.109	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	146712	17.540	ug/l	100
85) sec-Butylbenzene	11.94	105	19304	1.968	ug/l	91
86) p-Isopropyltoluene	12.07	119	52688	5.806	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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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: VX010801.D

Acq: 11 Jul 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

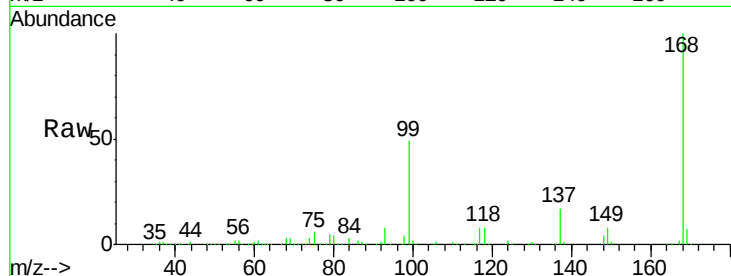
PX-3_070919ME

Tot Ion:168 Resp: 206429

Ion Ratio Lower Upper

168 100

99 48.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

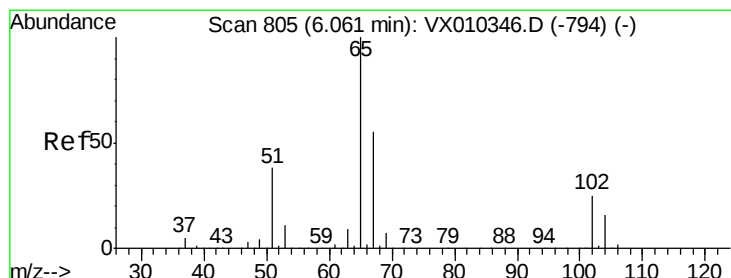
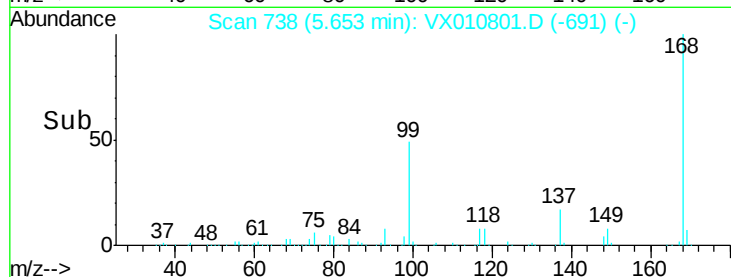
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.653 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010801.D

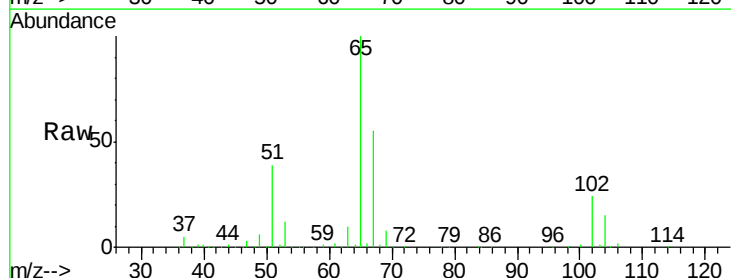
Acq: 11 Jul 2019 12:53

Tgt Ion: 65 Resp: 101908

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

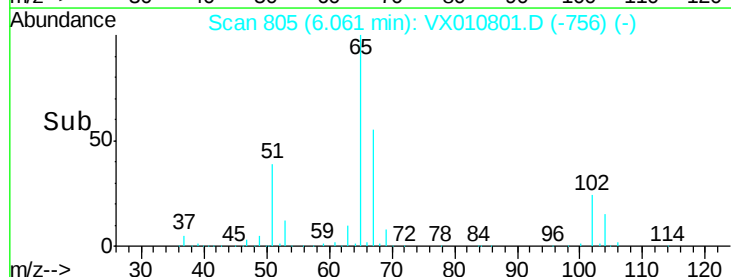
30000

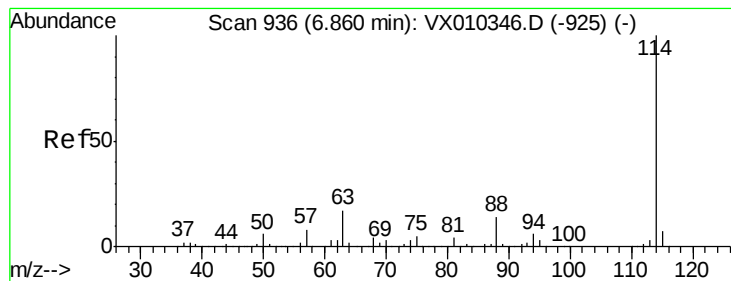
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010801.D

Acq: 11 Jul 2019 12:53

Instrument :

MSVOA_X

ClientSampleId :

PX-3_070919ME

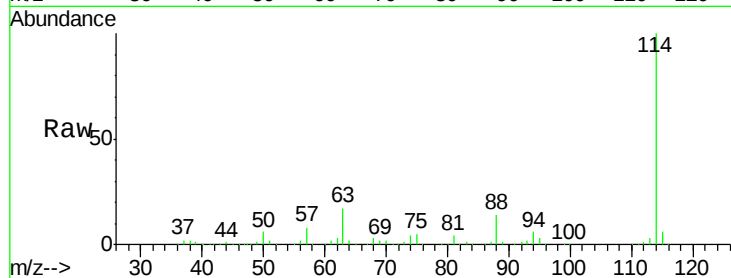
Tot Ion:114 Resp: 316382

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

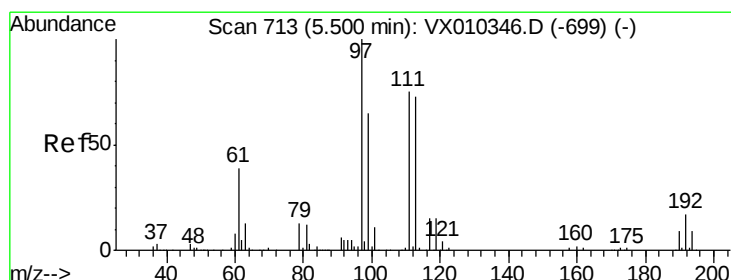
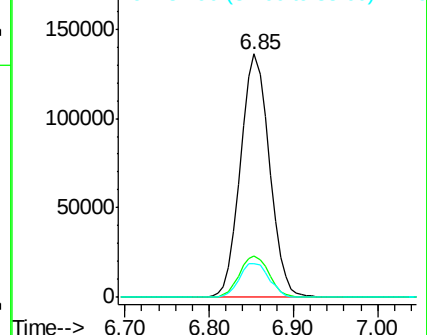
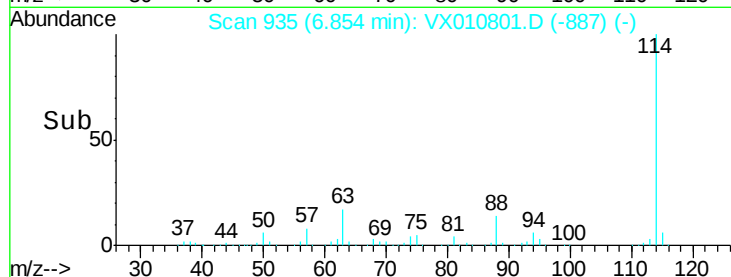
88 14.1 0.0 27.6



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: 47.440 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010801.D

Acq: 11 Jul 2019 12:53

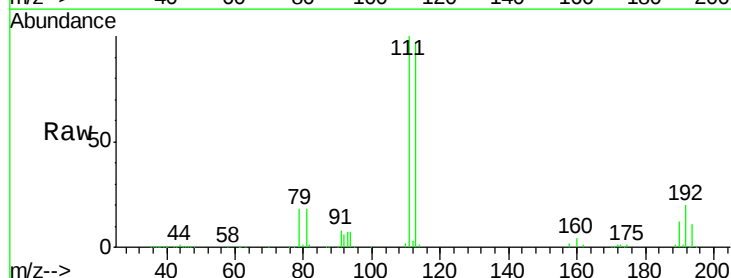
Tgt Ion:113 Resp: 91832

Ion Ratio Lower Upper

113 100

111 100.7 81.2 121.8

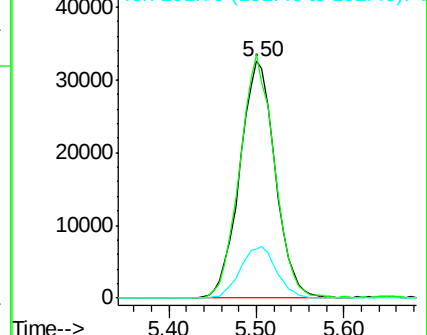
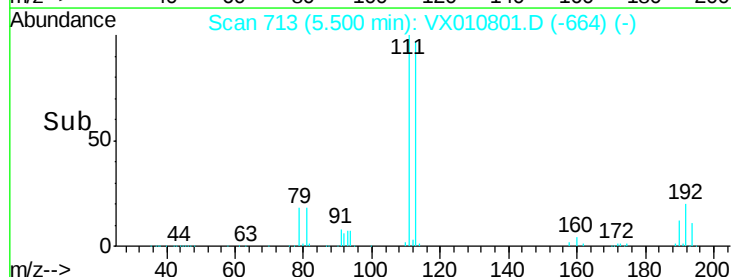
192 22.3 18.6 27.8

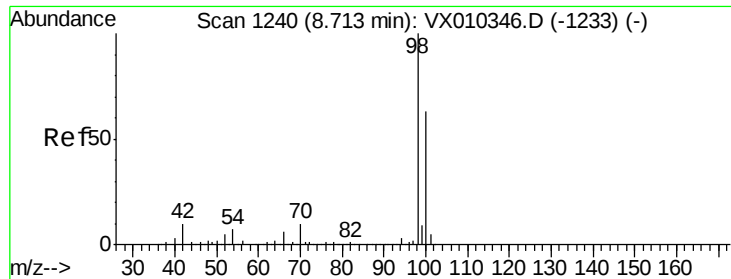


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

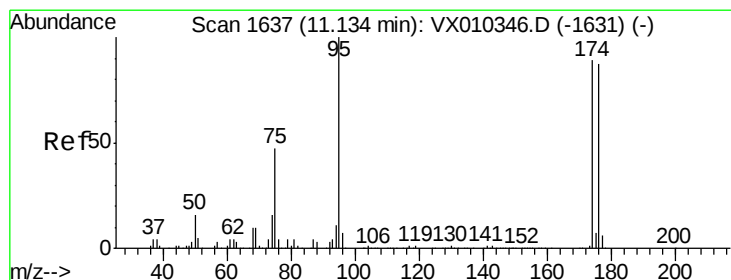
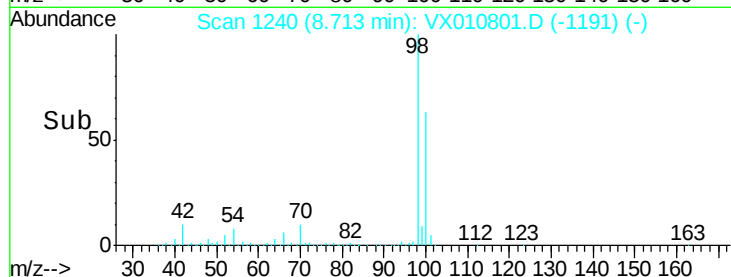
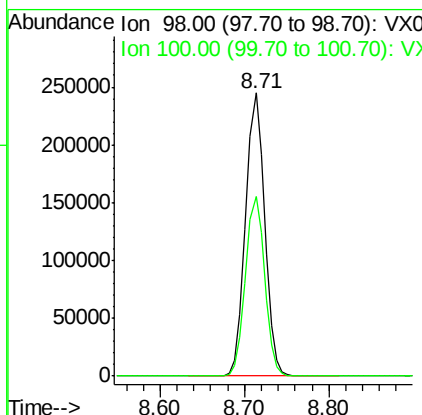
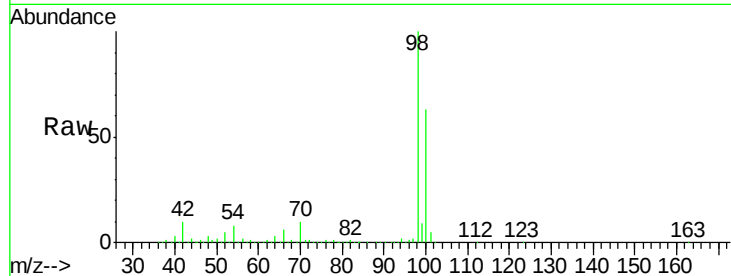




#50
Toluene-d8
Concen: 50.111 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010801.D
Acq: 11 Jul 2019 12:53

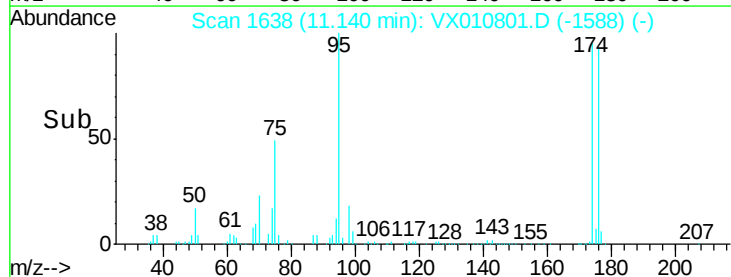
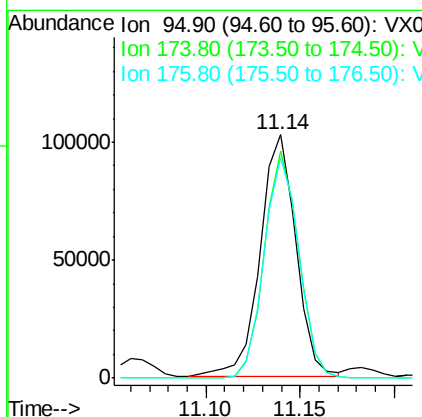
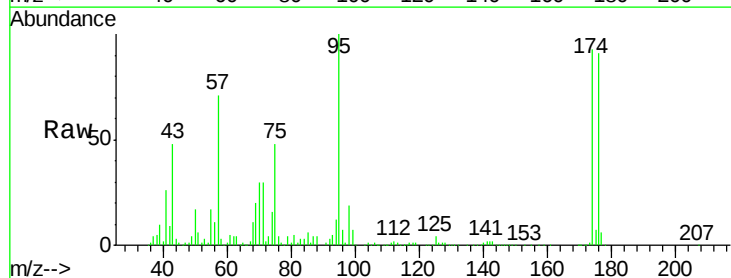
Instrument :
MSVOA_X
ClientSampleId :
PX-3_070919ME

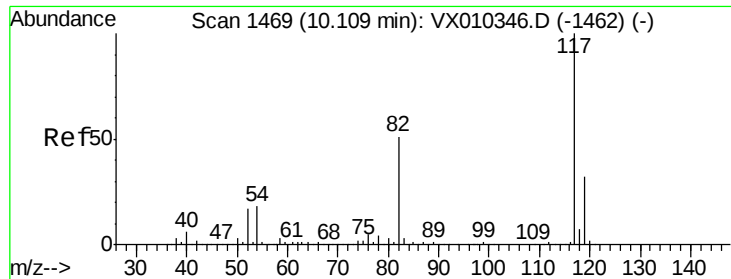
Tot Ion: 98 Resp: 371107
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 50.577 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX010801.D
Acq: 11 Jul 2019 12:53

Tgt Ion: 95 Resp: 135226
Ion Ratio Lower Upper
95 100
174 90.5 0.0 187.6
176 89.0 0.0 184.0

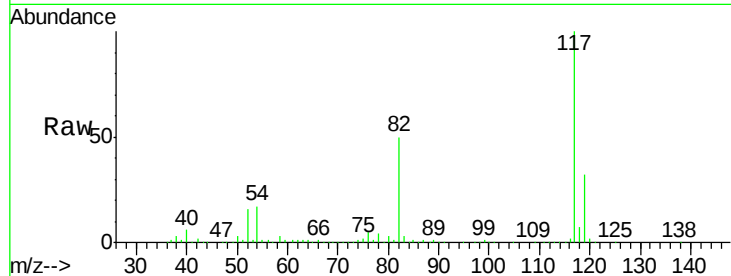




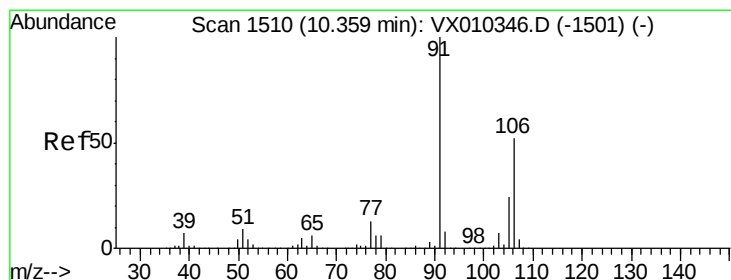
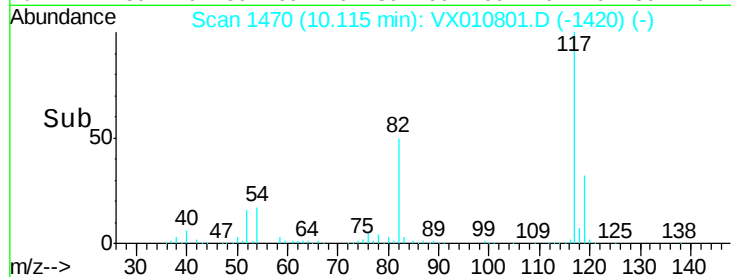
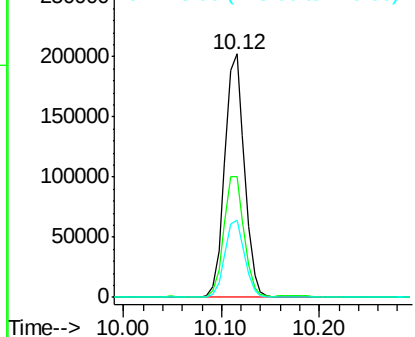
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010801.D
Acq: 11 Jul 2019 12:53

Instrument :
MSVOA_X
ClientSampled :
PX-3 070919ME

Tot Ion:117 Resp: 282277
Ion Ratio Lower Upper
117 100
82 49.5 41.2 61.8
119 31.9 25.5 38.3

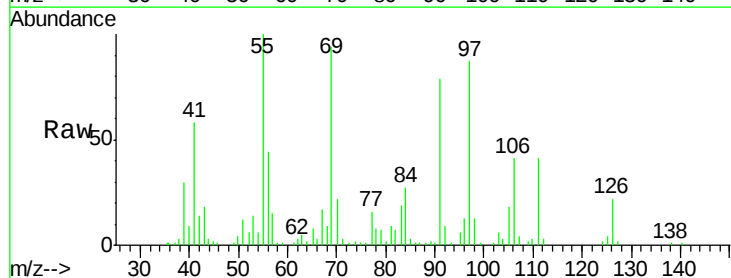


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

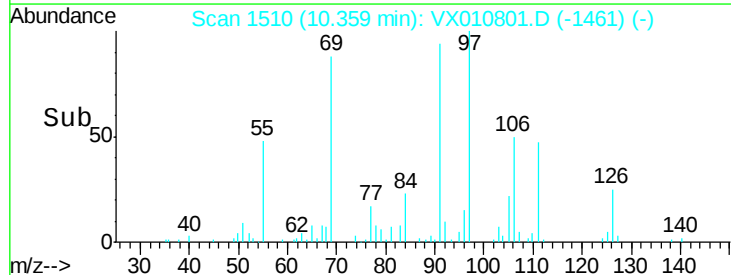
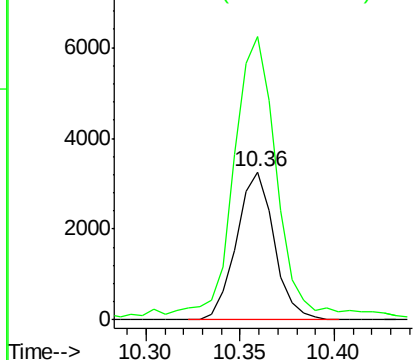


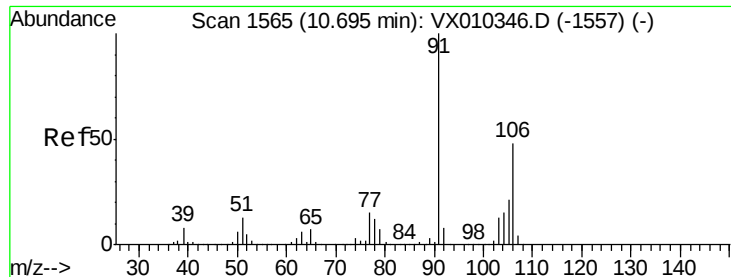
#68
m/p-Xylenes
Concen: 1.209 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010801.D
Acq: 11 Jul 2019 12:53

Tgt Ion:106 Resp: 4531
Ion Ratio Lower Upper
106 100
91 231.7 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 2.306 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX010801.D

Acq: 11 Jul 2019 12:53

Instrument :

MSVOA_X

ClientSampled :

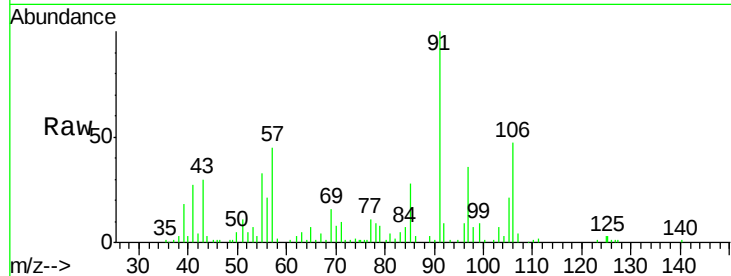
PX-3 070919ME

Tot Ion:106 Resp: 8503

Ion Ratio Lower Upper

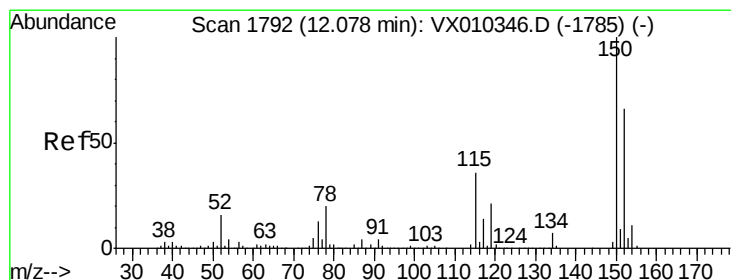
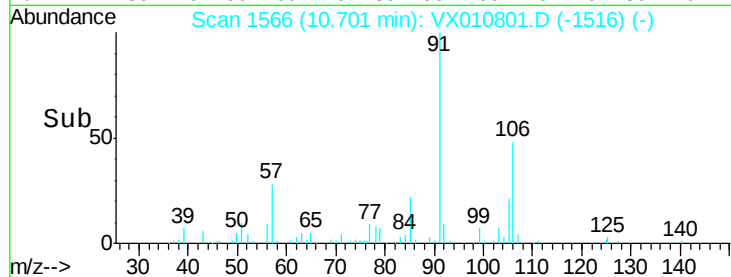
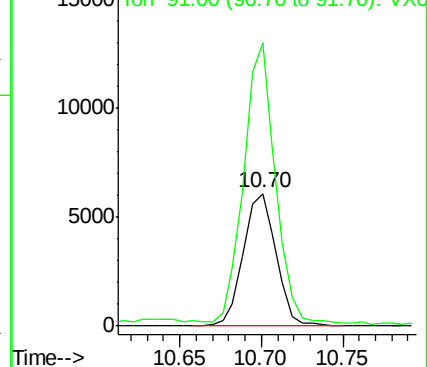
106 100

91 203.9 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010801.D

Acq: 11 Jul 2019 12:53

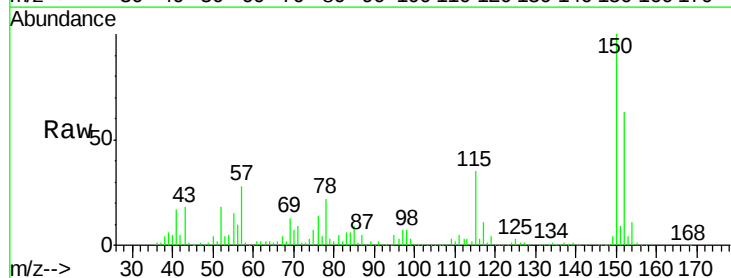
Tgt Ion:152 Resp: 148979

Ion Ratio Lower Upper

152 100

115 55.8 38.6 115.7

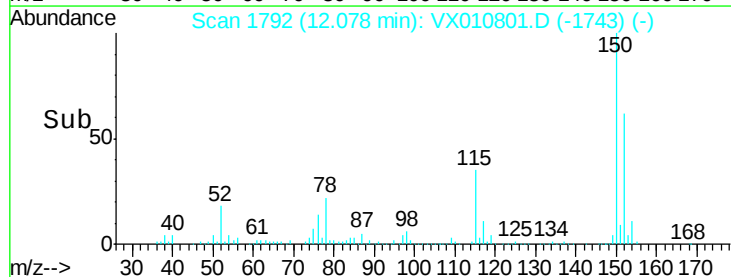
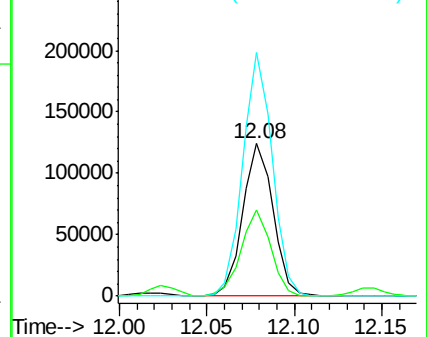
150 156.5 0.0 347.4

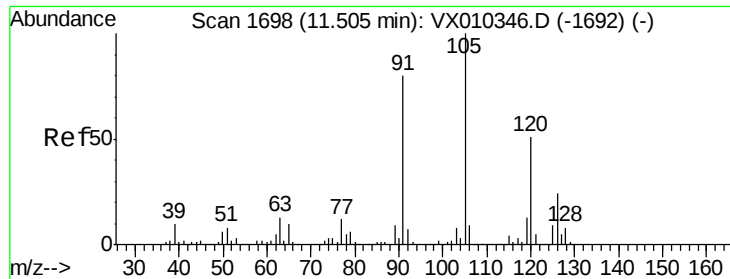


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

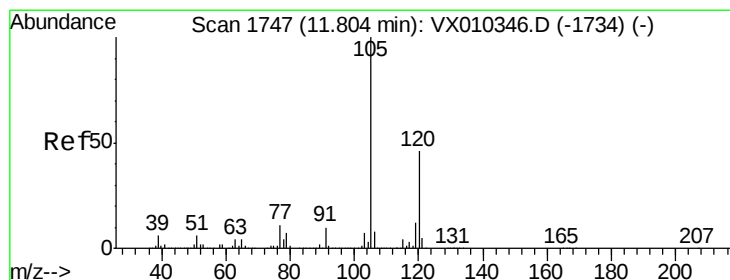
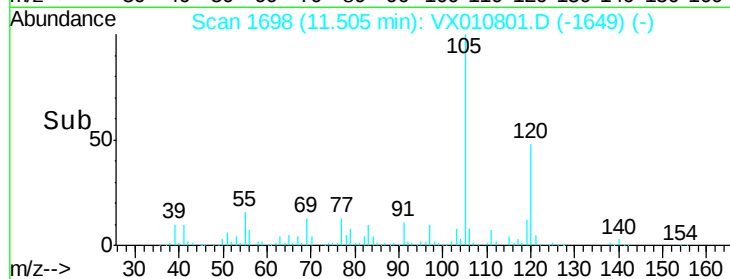
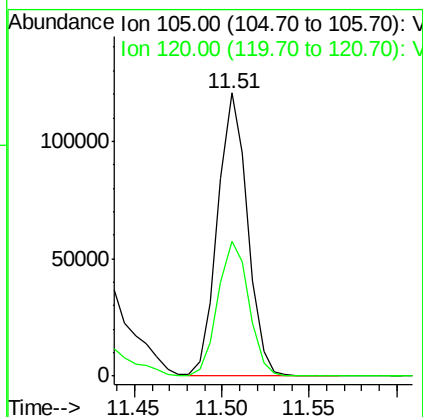
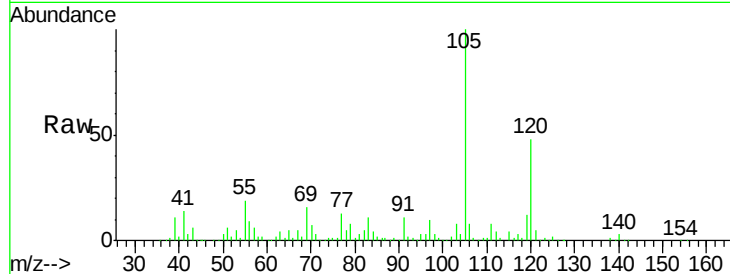




#80
 1,3,5-Trimethylbenzene
 Concen: 17.109 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010801.D
 Acq: 11 Jul 2019 12:53

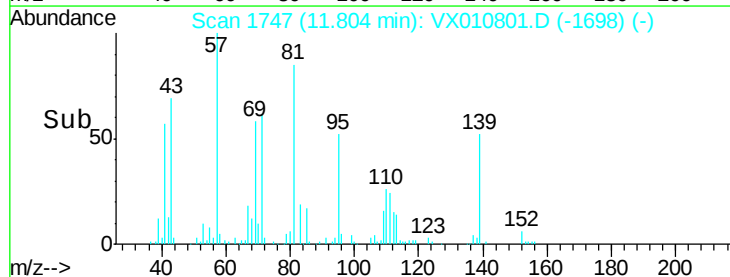
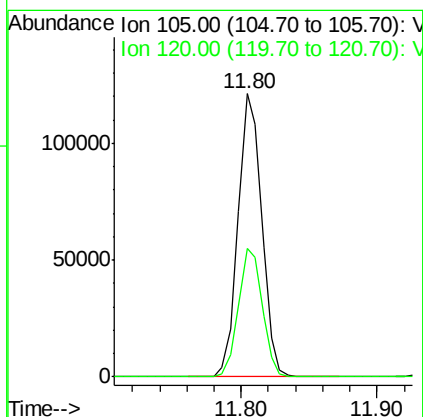
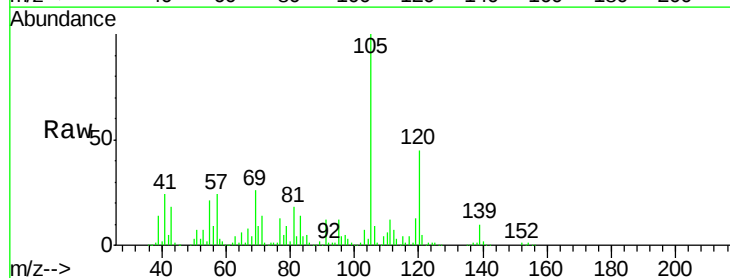
Instrument :
 MSVOA_X
 ClientSampled :
 PX-3_070919ME

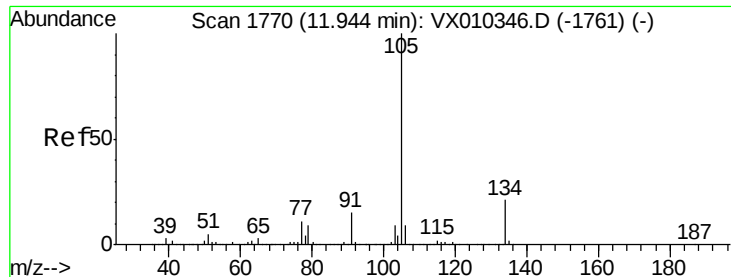
Tot Ion:105 Resp: 142437
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.2 75.6



#84
 1,2,4-Trimethylbenzene
 Concen: 17.540 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010801.D
 Acq: 11 Jul 2019 12:53

Tgt Ion:105 Resp: 146712
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2

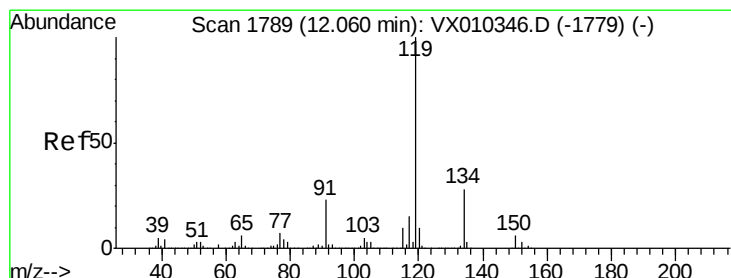
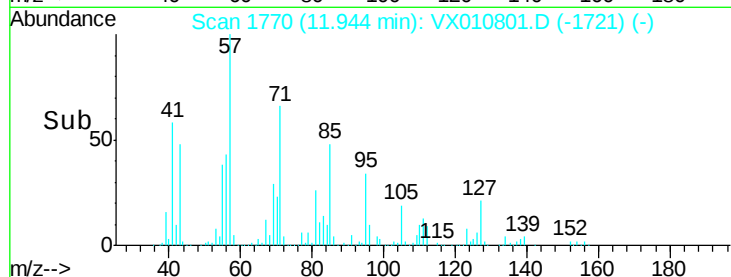
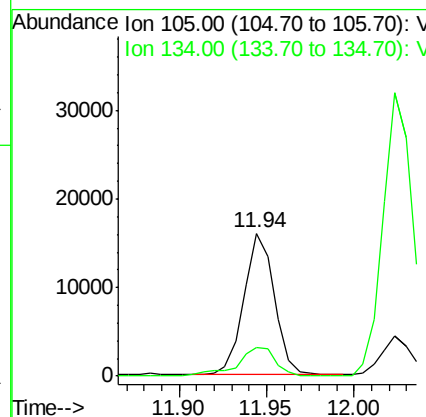
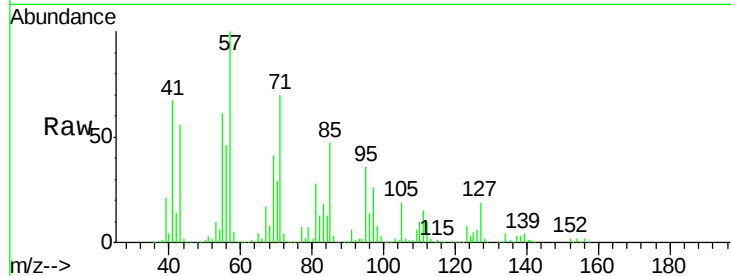




#85
 sec-Butylbenzene
 Concen: 1.968 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010801.D
 Acq: 11 Jul 2019 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 PX-3_070919ME

Tot Ion:105 Resp: 19304
 Ion Ratio Lower Upper
 105 100
 134 25.7 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 5.806 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX010801.D
 Acq: 11 Jul 2019 12:53

Tgt Ion:119 Resp: 52688
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.7 41.1
 91 22.7 11.3 33.8

