

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010813.D
 Acq On : 11 Jul 2019 17:33
 Operator : JC/SP
 Sample : K3757-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-02-190710

Quant Time: Jul 12 09:56:40 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

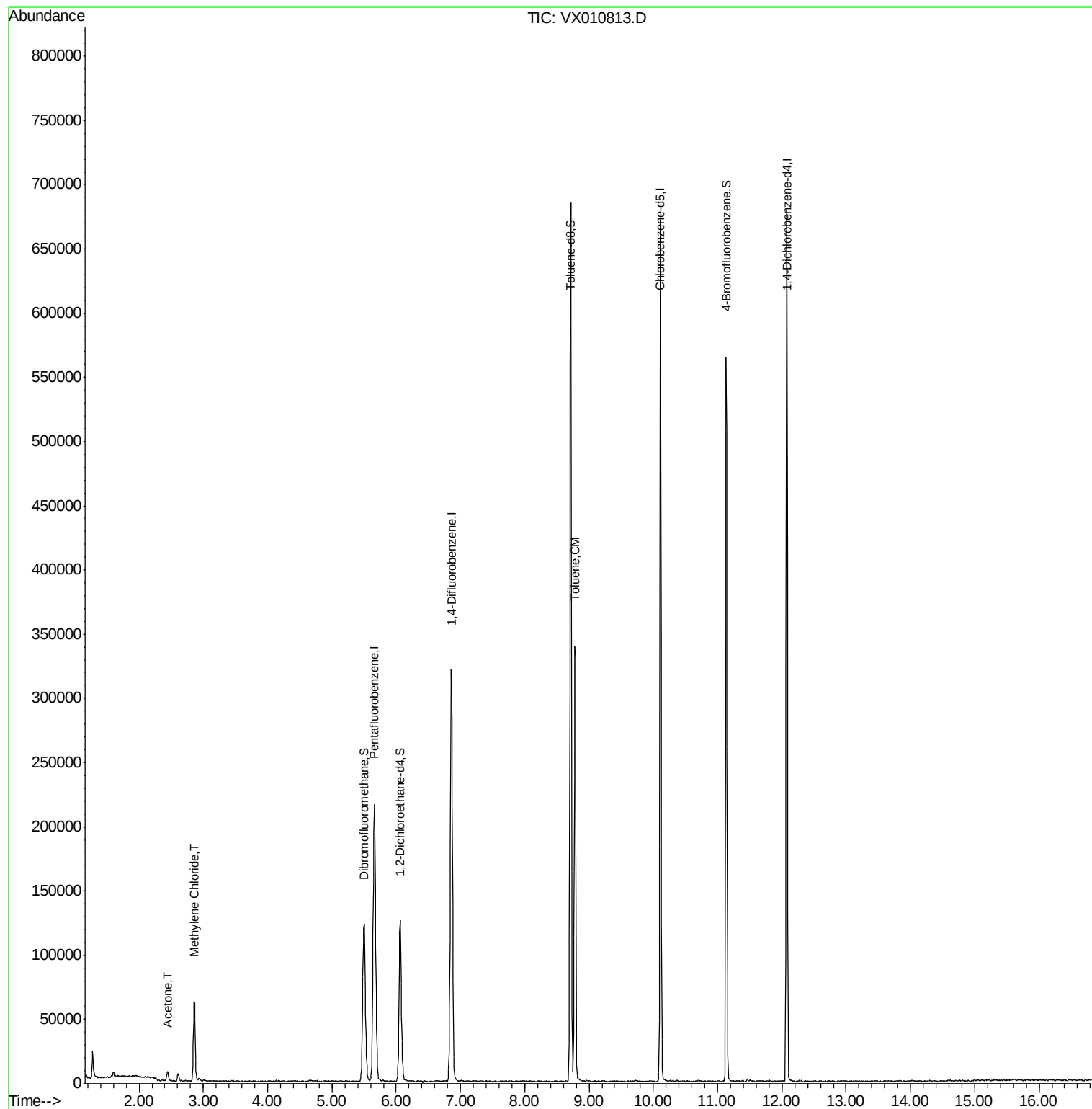
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112656	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
35) Dibromofluoromethane	5.50	113	104472	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	8.71	98	412979	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	138895	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
16) Acetone	2.44	43	7792	7.612	ug/l	90
20) Methylene Chloride	2.85	84	31640	15.019	ug/l	95
52) Toluene	8.78	92	129254	22.995	ug/l	99

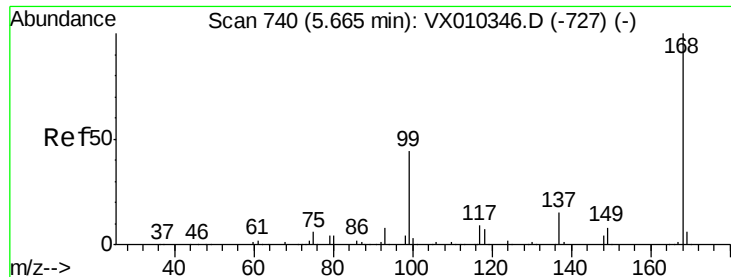
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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EB-02-190710

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010813.D

Acq: 11 Jul 2019 17:33

Instrument :

MSVOA_X

ClientSampled :

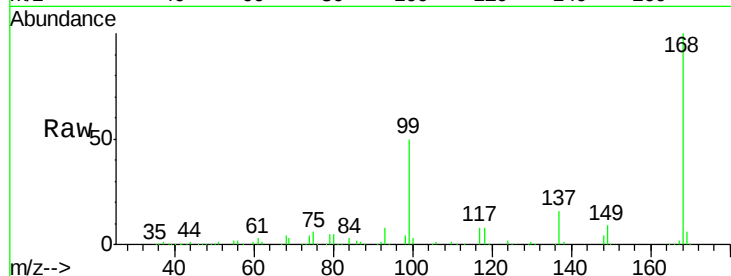
EB-02-190710

Tot Ion:168 Resp: 217851

Ion Ratio Lower Upper

168 100

99 49.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

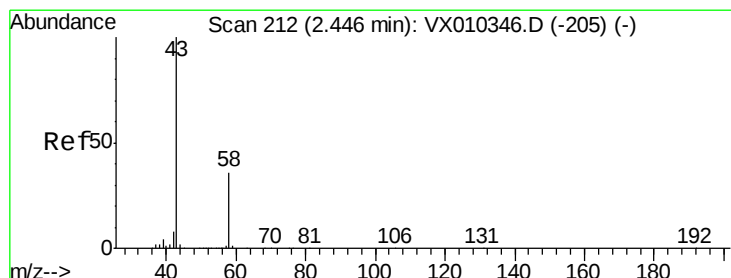
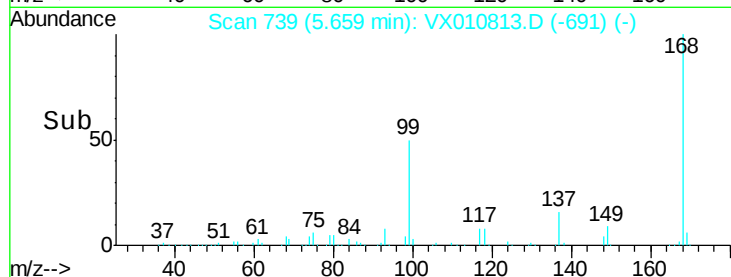
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 7.612 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010813.D

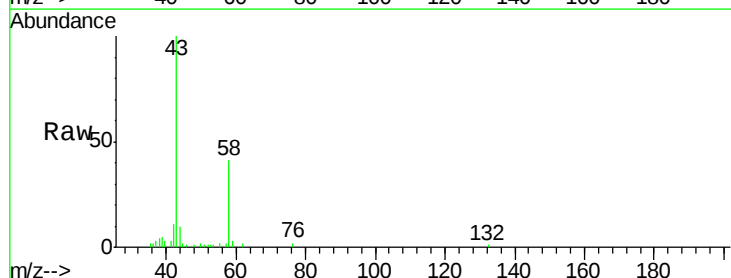
Acq: 11 Jul 2019 17:33

Tgt Ion: 43 Resp: 7792

Ion Ratio Lower Upper

43 100

58 42.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

5000

4000

3000

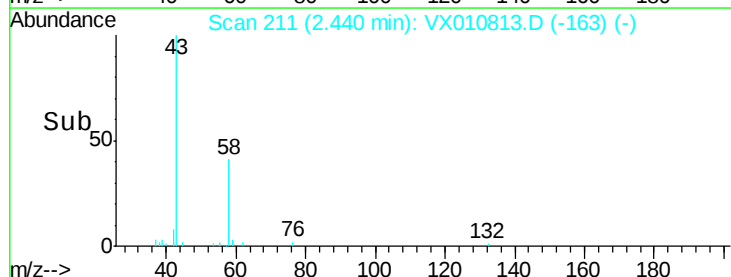
2000

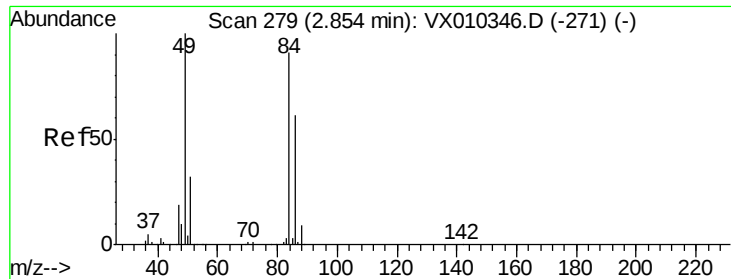
1000

0

Time-->

2.35 2.40 2.45 2.50

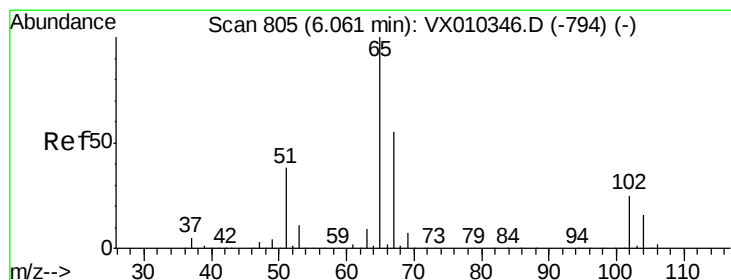
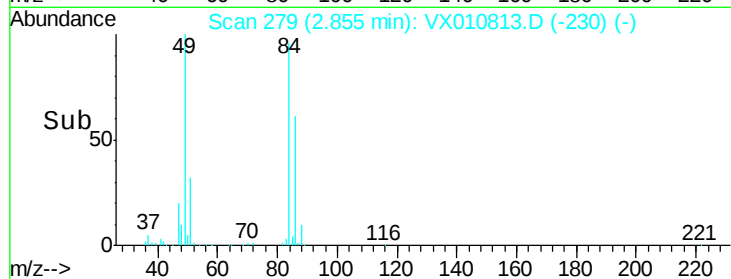
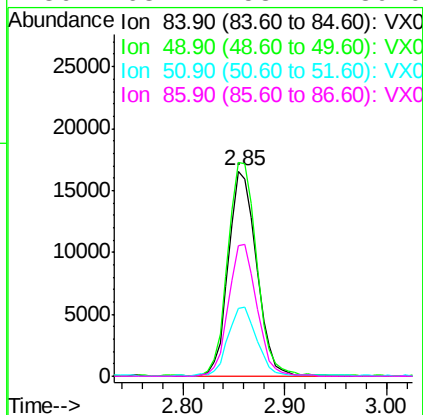
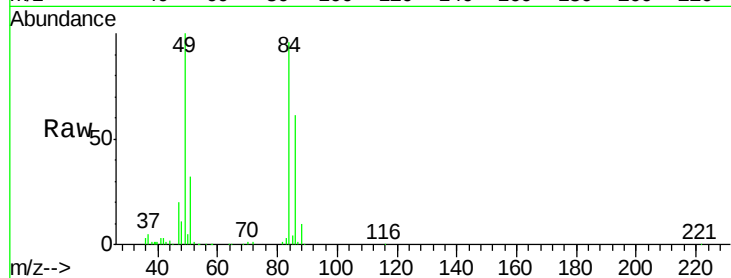




#20
Methvlene Chloride
Concen: 15.019 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010813.D
Acq: 11 Jul 2019 17:33

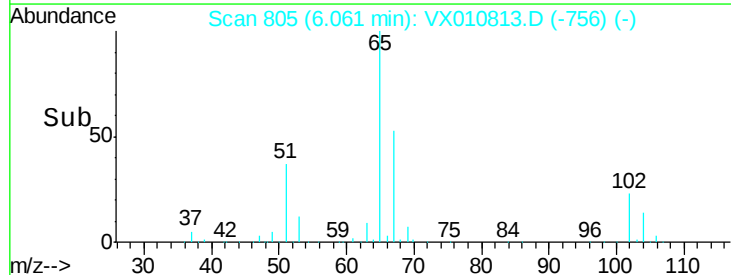
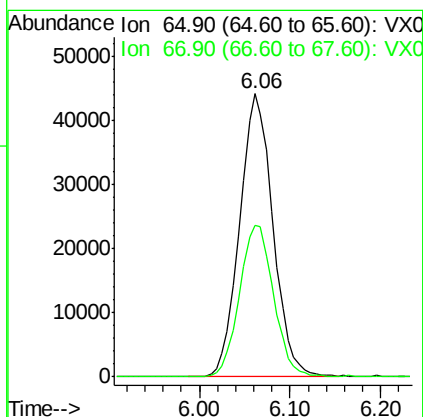
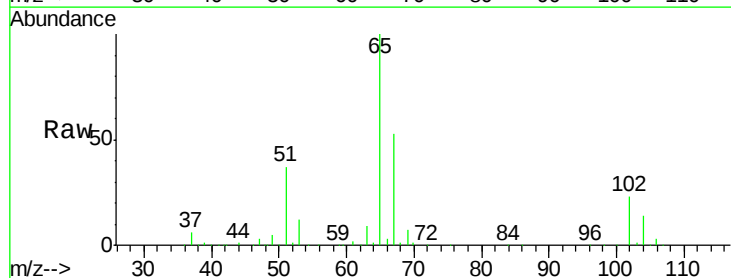
Instrument :
MSVOA_X
ClientSampled :
EB-02-190710

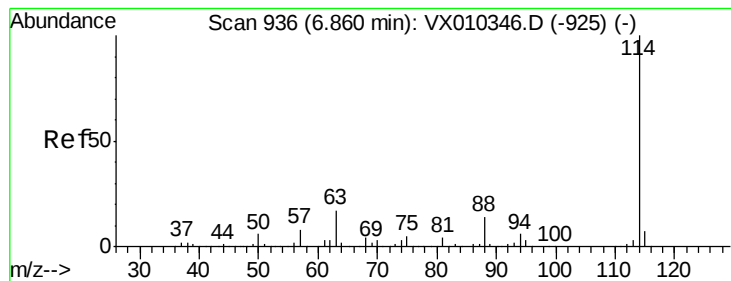
Tot Ion: 84 Resp: 31640
Ion Ratio Lower Upper
84 100
49 103.7 87.5 131.3
51 33.2 27.7 41.5
86 63.4 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 55.154 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010813.D
Acq: 11 Jul 2019 17:33

Tgt Ion: 65 Resp: 112656
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010813.D

Acq: 11 Jul 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

EB-02-190710

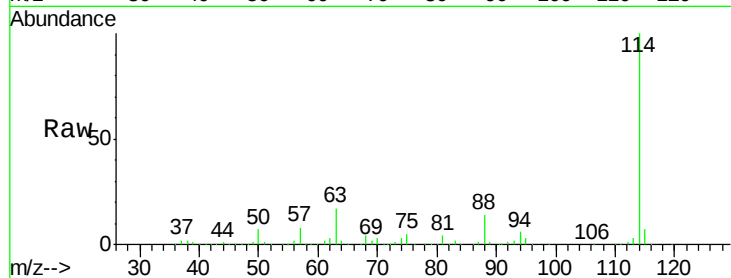
Tot Ion:114 Resp: 344766

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

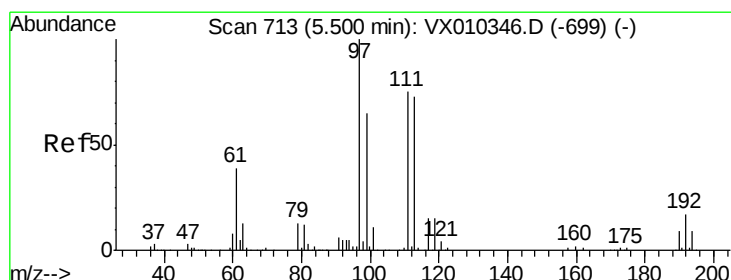
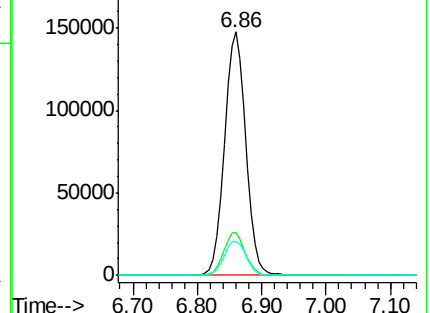
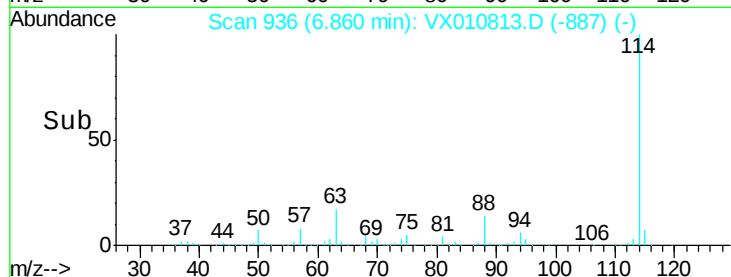
88 13.9 0.0 27.6



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: 49.527 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010813.D

Acq: 11 Jul 2019 17:33

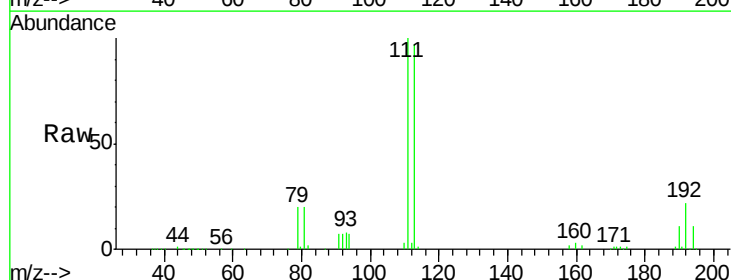
Tgt Ion:113 Resp: 104472

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

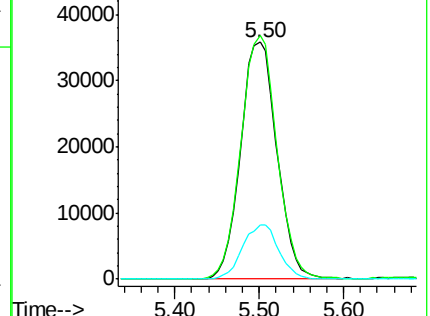
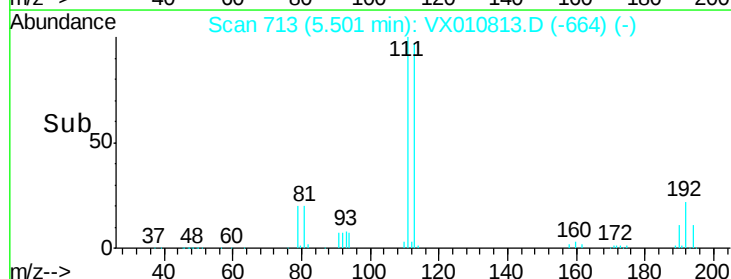
192 22.9 18.6 27.8

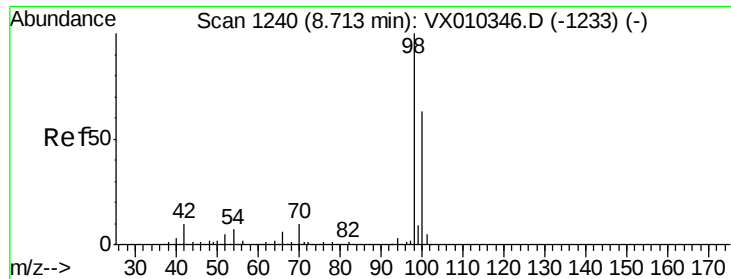


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

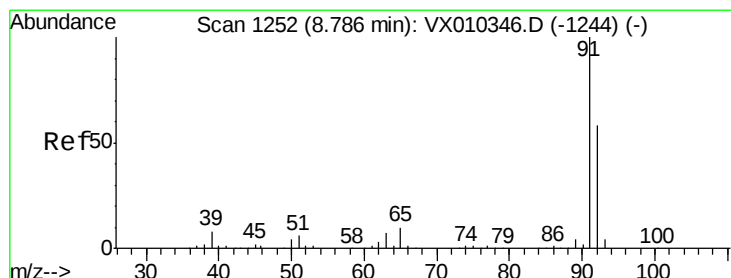
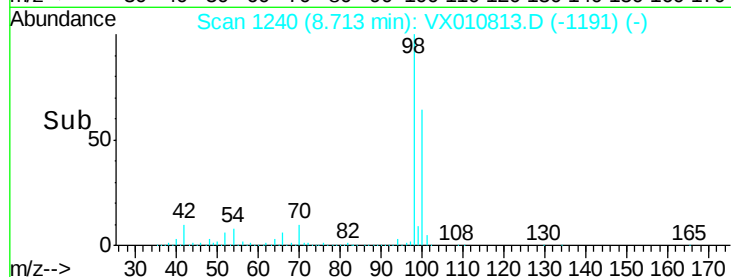
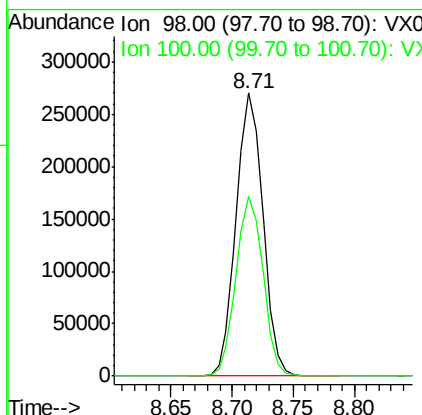
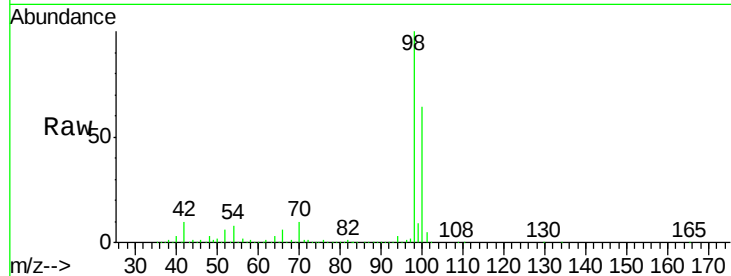




#50
Toluene-d8
Concen: 51.174 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010813.D
Acq: 11 Jul 2019 17:33

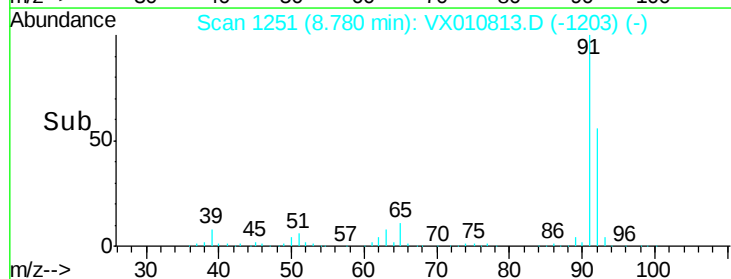
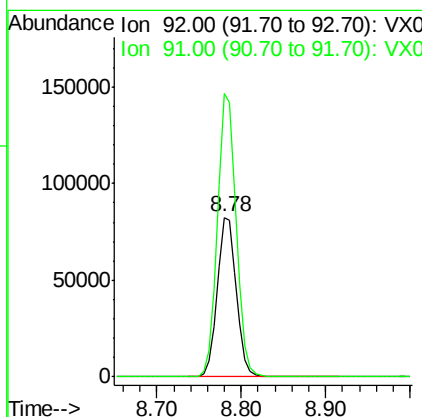
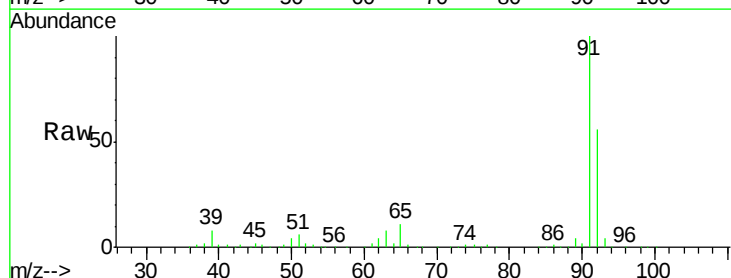
Instrument :
MSVOA_X
ClientSampleId :
EB-02-190710

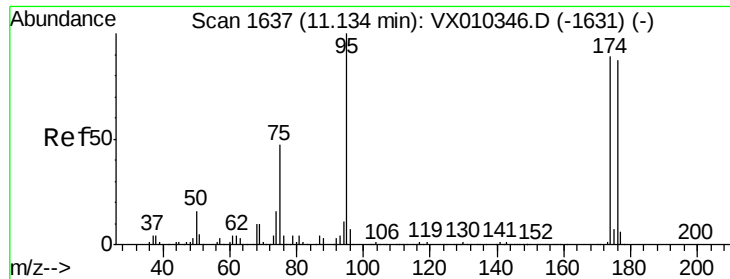
Tot Ion: 98 Resp: 412979
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#52
Toluene
Concen: 22.995 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010813.D
Acq: 11 Jul 2019 17:33

Tgt Ion: 92 Resp: 129254
Ion Ratio Lower Upper
92 100
91 175.6 139.8 209.6

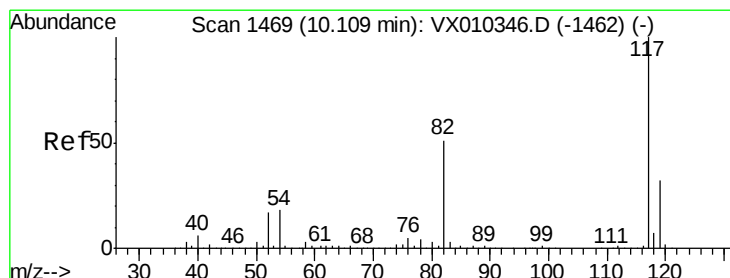
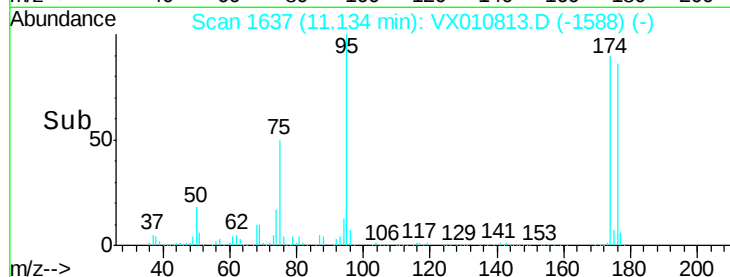
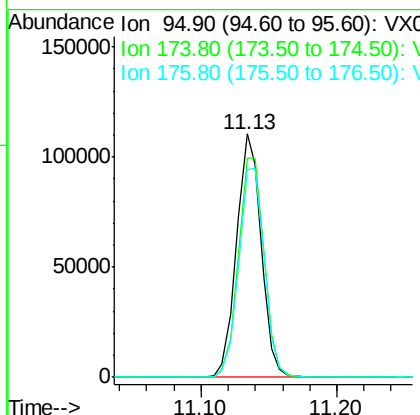
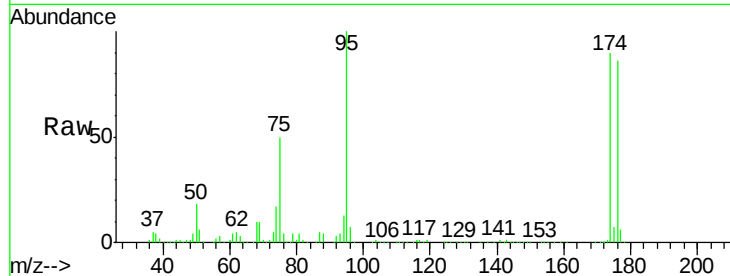




#62
4-Bromofluorobenzene
Concen: 47.672 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010813.D
Acq: 11 Jul 2019 17:33

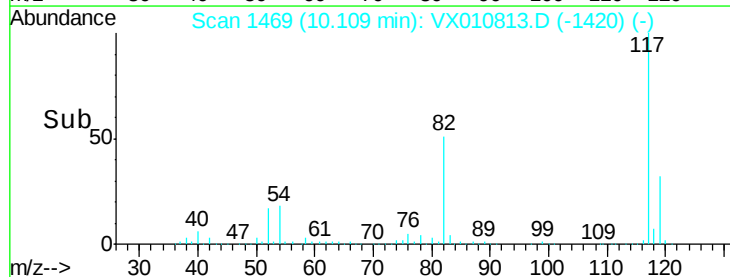
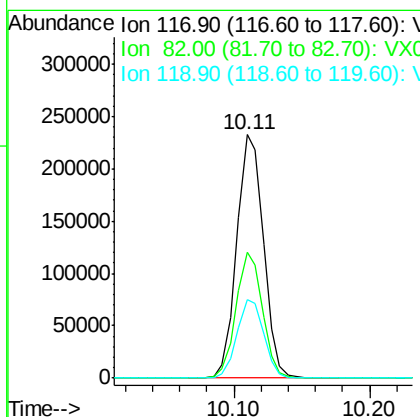
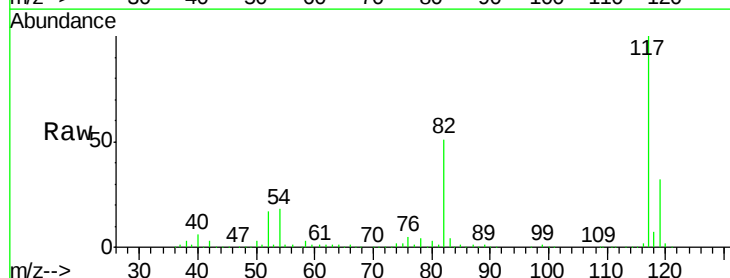
Instrument :
MSVOA_X
ClientSampled :
EB-02-190710

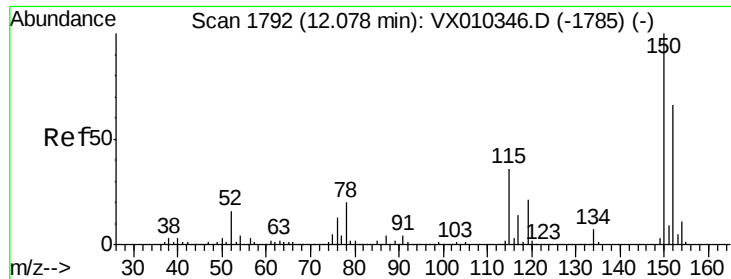
Tot Ion: 95 Resp: 138895
Ion Ratio Lower Upper
95 100
174 94.4 0.0 187.6
176 89.7 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010813.D
Acq: 11 Jul 2019 17:33

Tgt Ion: 117 Resp: 318172
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010813.D
 Acq: 11 Jul 2019 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-02-190710

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.6	115.7
150	154.5	0.0	347.4

