Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
Data File : VX008688.D
Acq On : 05 Apr 2019 17:46
Operator : JC/SP
Sample : K2263-08DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Quant Time: Apr 06 02:28:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207427	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346515	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300070	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129842	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.06	65	143254	47.35 ug/l	0.00
Spiked Amount 50.000			Recovery =	94.70%	
35) Dibromofluoromethane	5.50	113	105468	47.60 ug/l	0.00
Spiked Amount 50.000			Recovery =	95.20%	
50) Toluene-d8	8.71	98	434648	49.27 ug/l	0.00
Spiked Amount 50.000			Recovery =	98.54%	
62) 4-Bromofluorobenzene	11.13	95	148461	47.46 ug/l	0.00
Spiked Amount 50.000			Recovery =	94.92%	
Target Compounds					Qvalue
31) Cyclohexane	5.58	56	29347	5.614 ug/l	99
39) Methylcyclohexane	7.46	83	10164	2.172 ug/l	94
40) Benzene	6.14	78	541859	48.019 ug/l	99
52) Toluene	8.79	92	464567	69.832 ug/l	100
67) Ethyl Benzene	10.25	91	164667	13.276 ug/l	100
68) m/p-Xylenes	10.35	106	144842	32.479 ug/l	99
69) o-Xylene	10.70	106	57223	13.240 ug/l	99
73) Isopropylbenzene	11.02	105	4079	0.379 ug/l	98
78) n-propylbenzene	11.36	91	10187	0.813 ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	14044	1.555 ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	39560	4.325 ug/l	97
95) Naphthalene	13.83	128	5086	0.476 ug/l	97

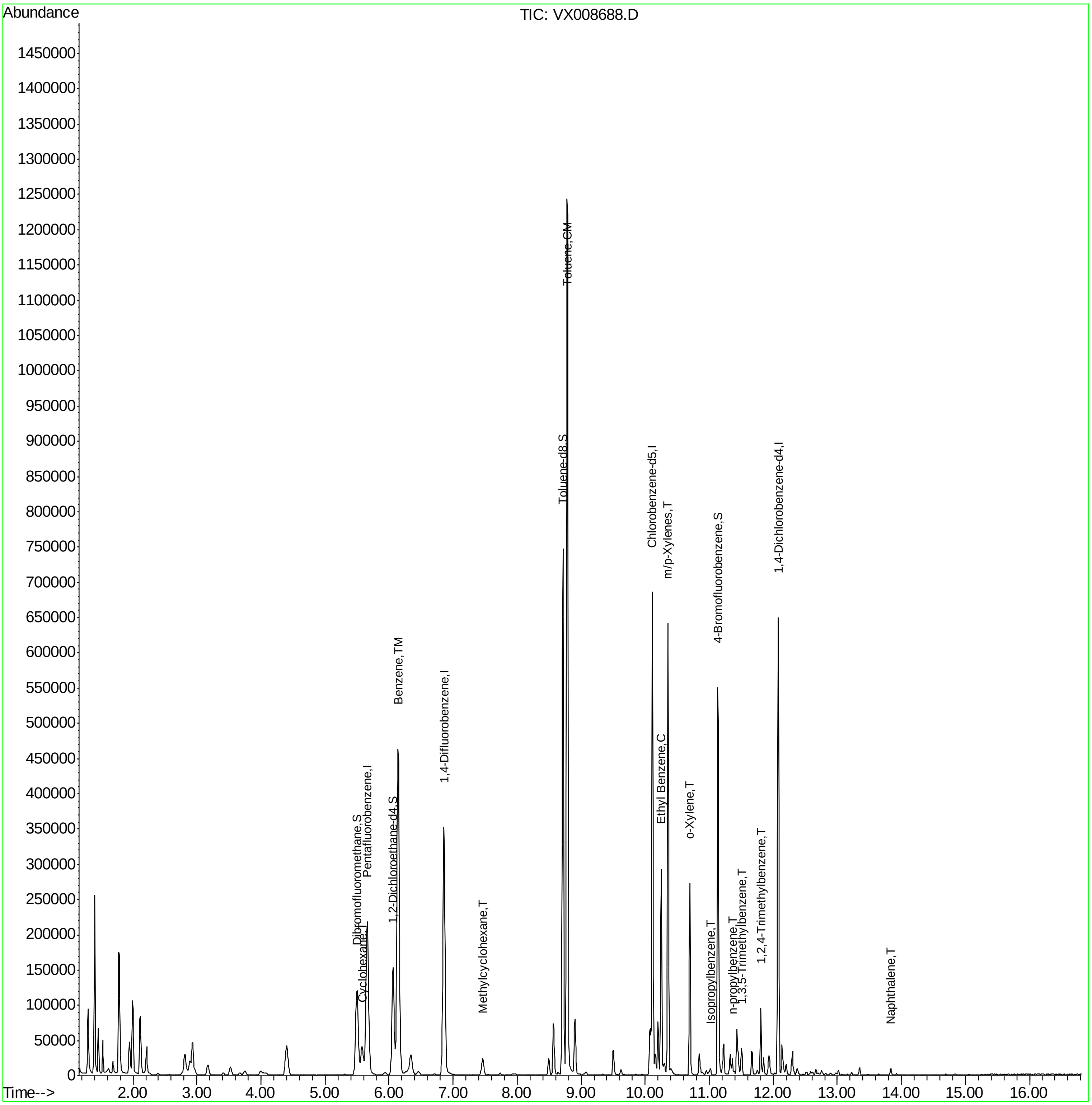
(#) = qualifier out of range (m) = manual integration (+) = signals summed

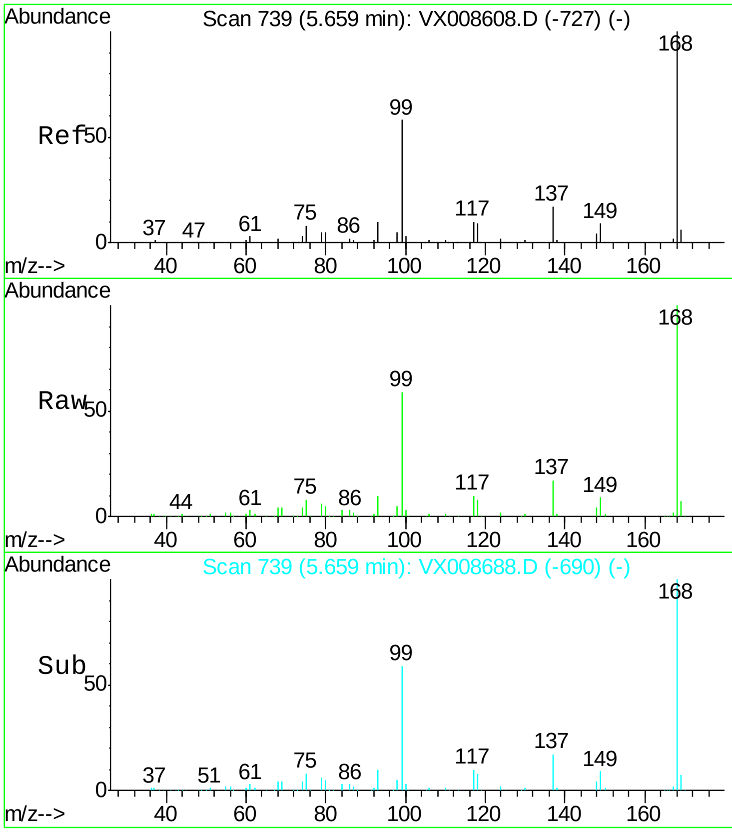
Quantitation Report (QT Reviewed)

```
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
Data File : VX008688.D
Acq On    : 05 Apr 2019  17:46
Operator  : JC/SP
Sample    : K2263-08DL 100X
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Apr 06 02:28:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title  : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration
```

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

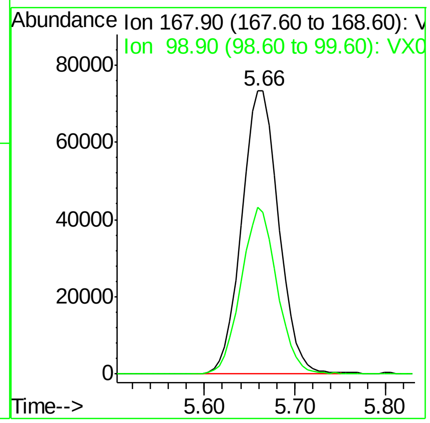


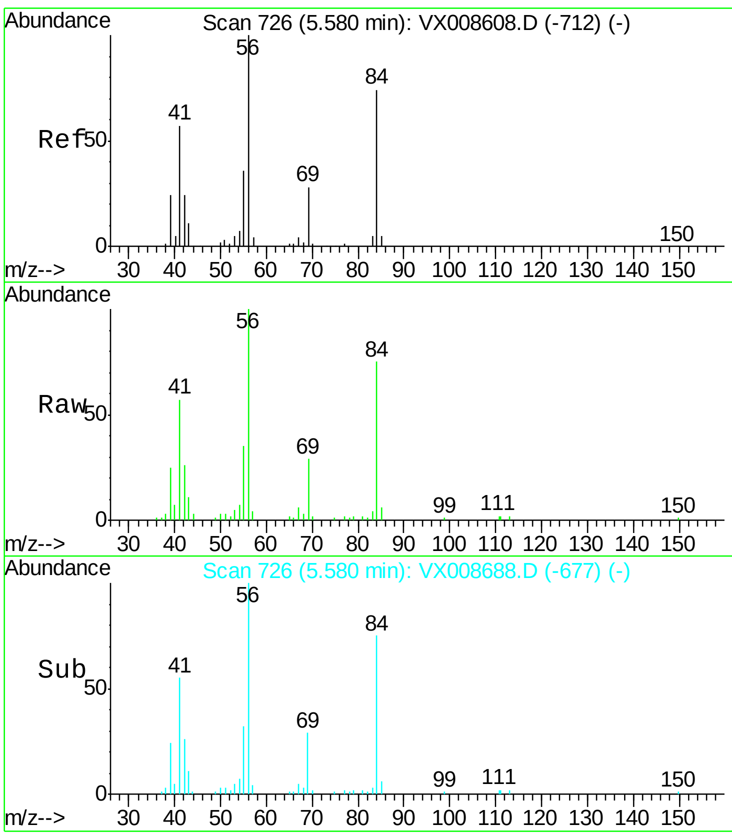


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

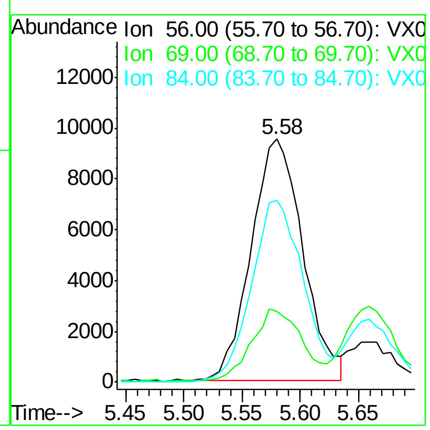
Tgt Ion:168	Resp:	207427	
Ion	Ratio	Lower	Upper
168	100		
99	58.7	46.7	70.1

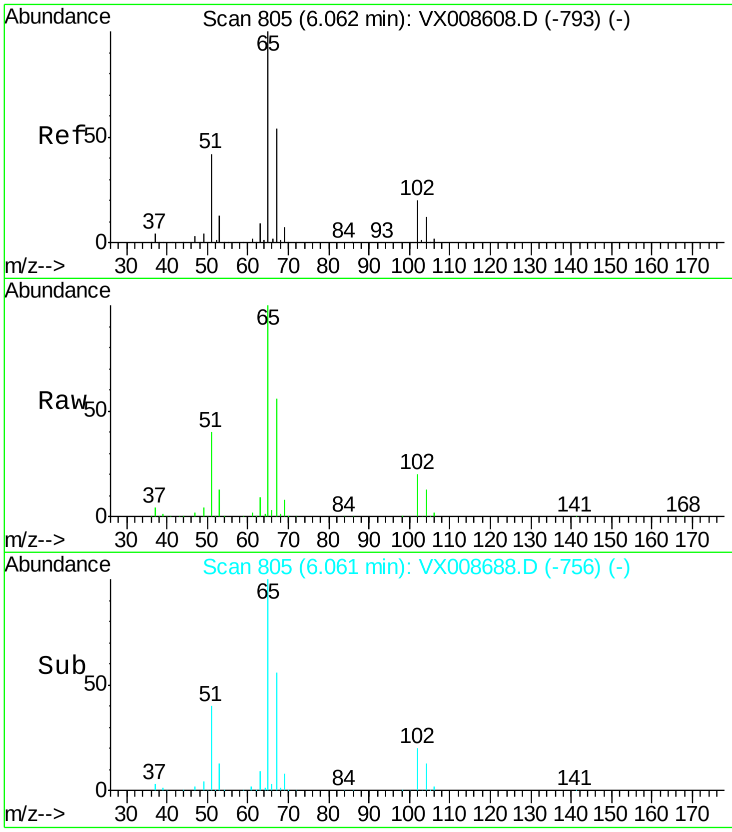




#31
Cyclohexane
Concen: 5.614 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 56	Resp:	29347	
Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.6	33.8
84	75.1	59.3	88.9



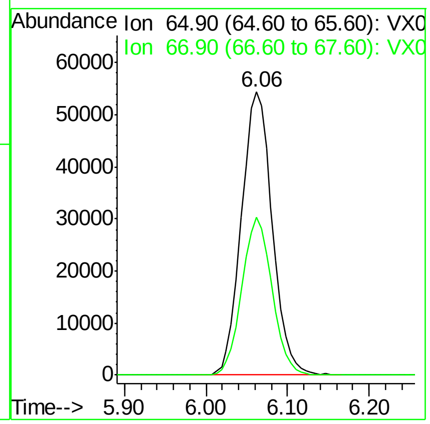


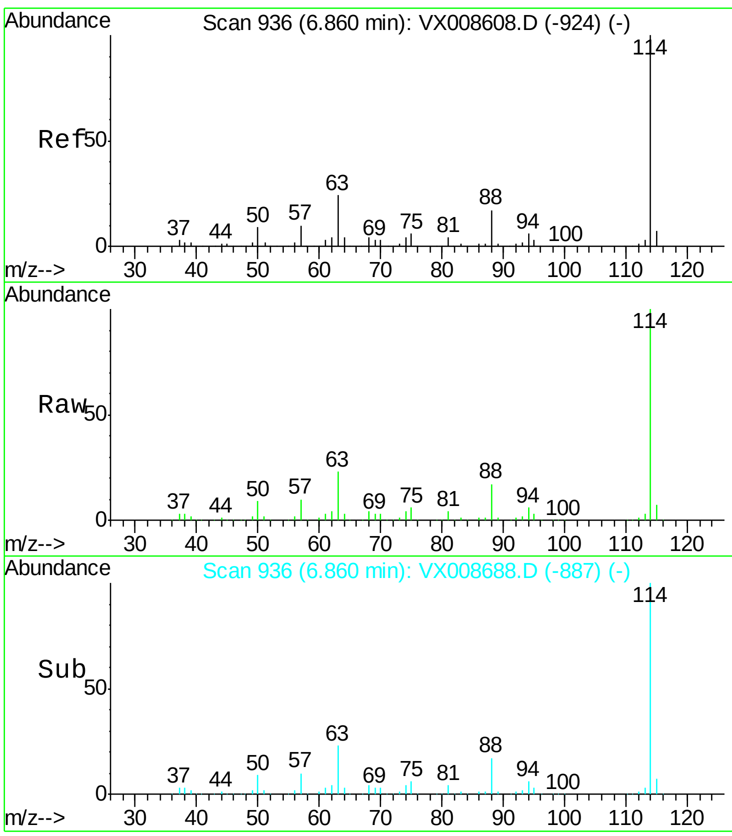
#33
1,2-Dichloroethane-d4
Concen: 47.350 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Instrument : MSVOA_X
ClientSampleId : MW-3DL

Tgt Ion: 65 Resp: 143254

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	107.2

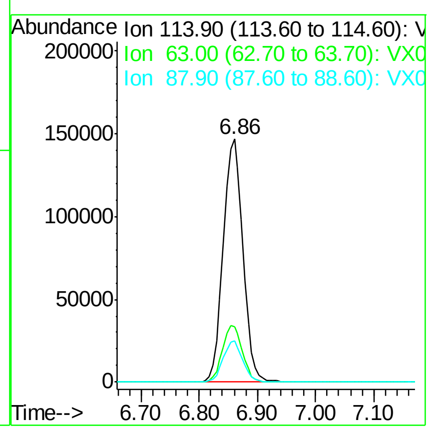


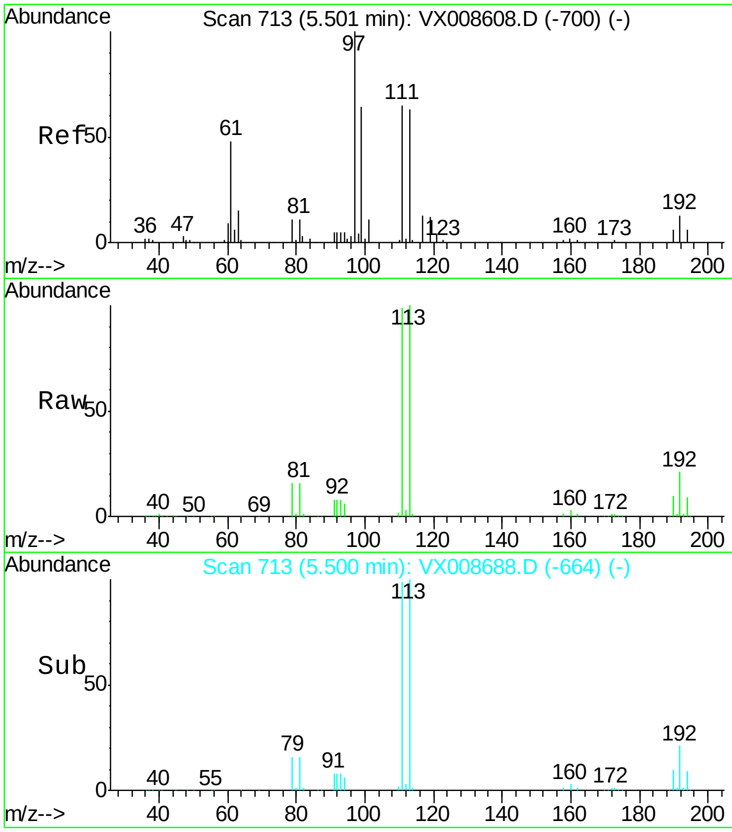


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion:114 Resp: 346515

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.2
88	16.9	0.0	34.0



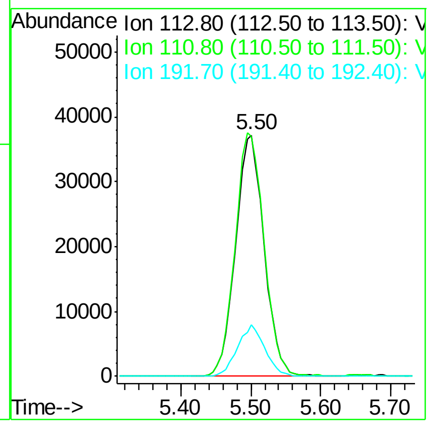


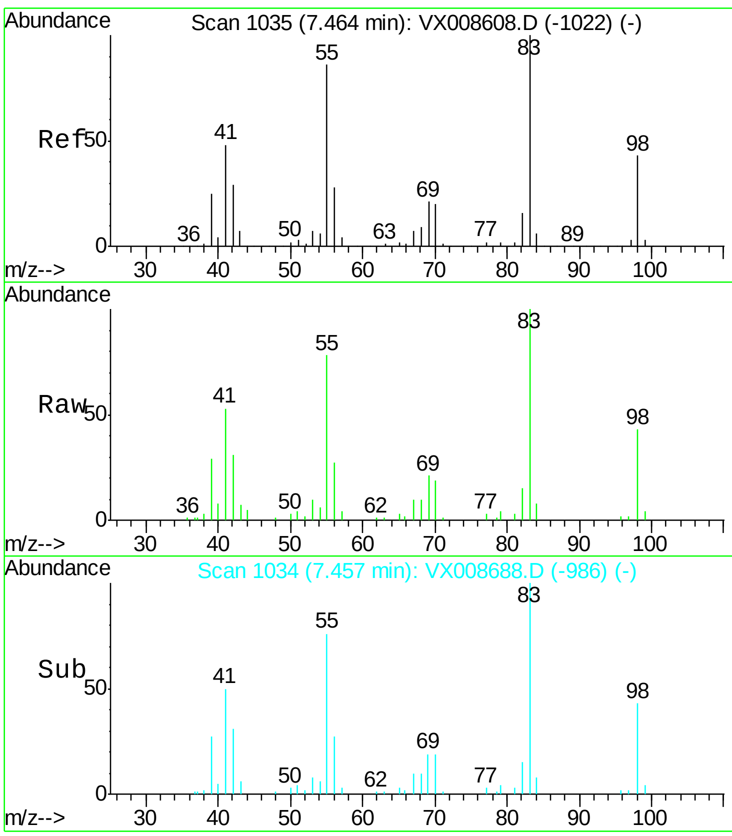
#35
Dibromofluoromethane
Concen: 47.605 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:113 Resp: 105468

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	20.6	16.1	24.1

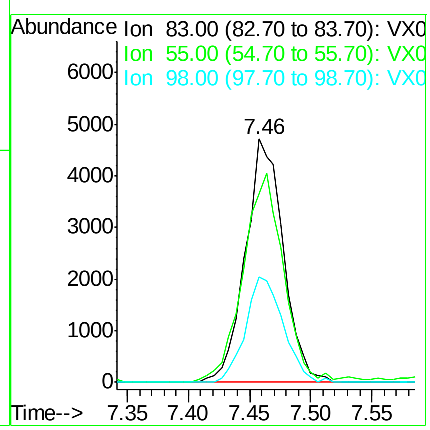


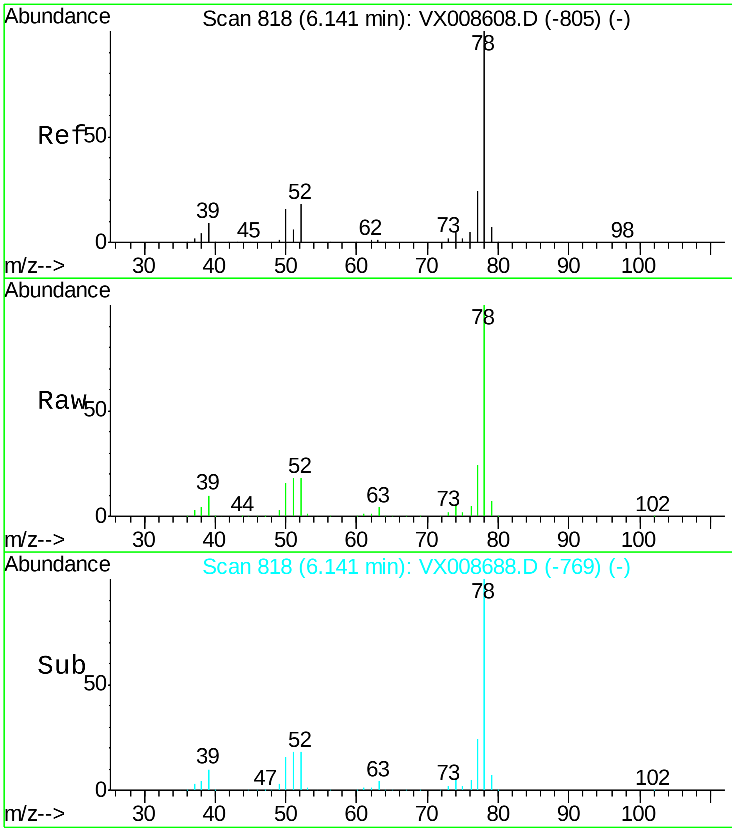


#39
Methylcyclohexane
Concen: 2.172 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 83 Resp: 10164

Ion	Ratio	Lower	Upper
83	100		
55	77.6	69.0	103.6
98	43.2	34.4	51.6



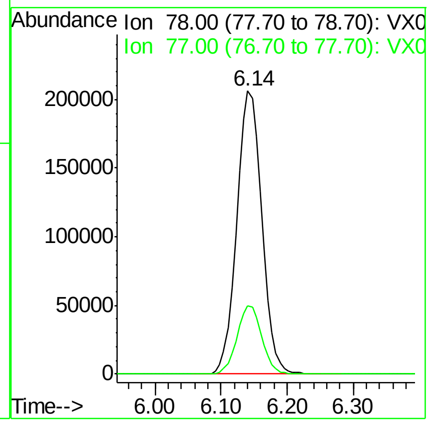


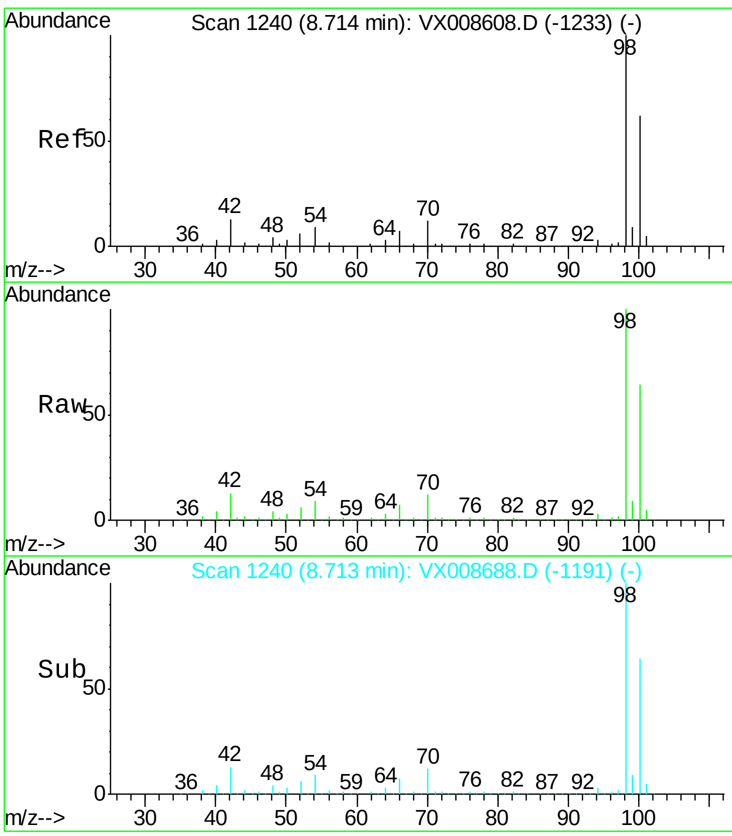
#40
Benzene
Concen: 48.019 ug/l
RT: 6.14 min Scan# 818
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 78 Resp: 541859

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7

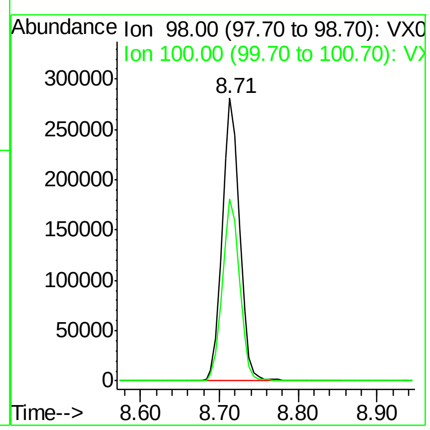


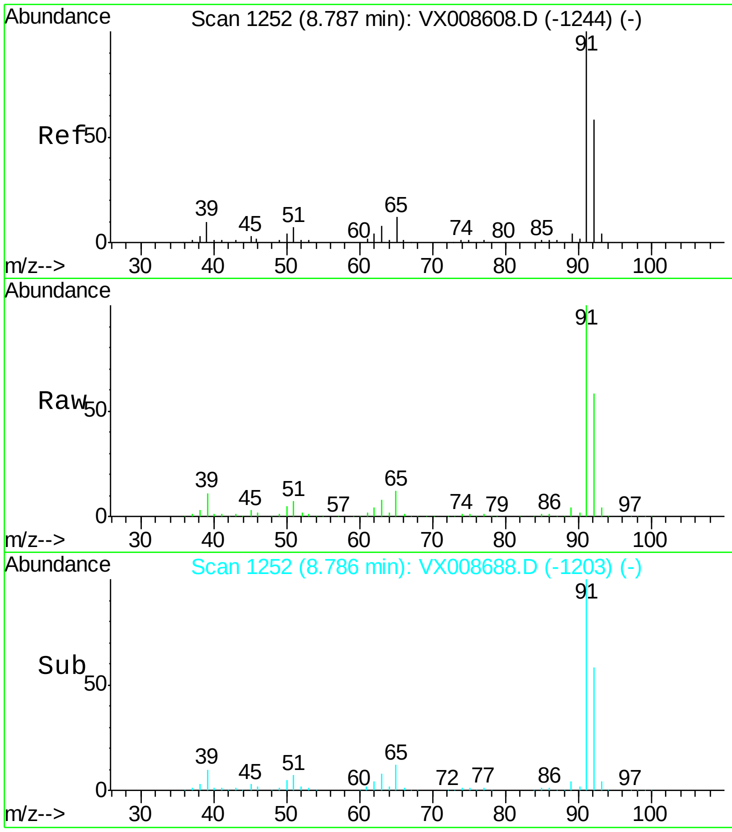


#50
Toluene-d8
Concen: 49.272 ug/l
RT: 8.71 min Scan# 1240
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 98 Resp: 434648

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



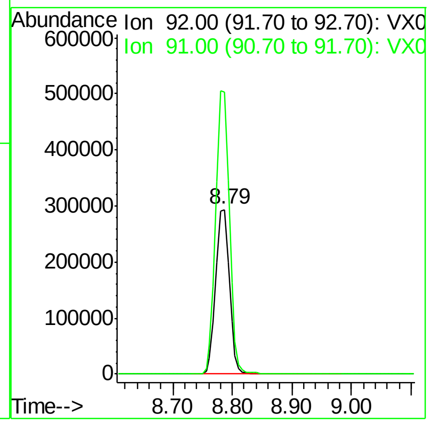


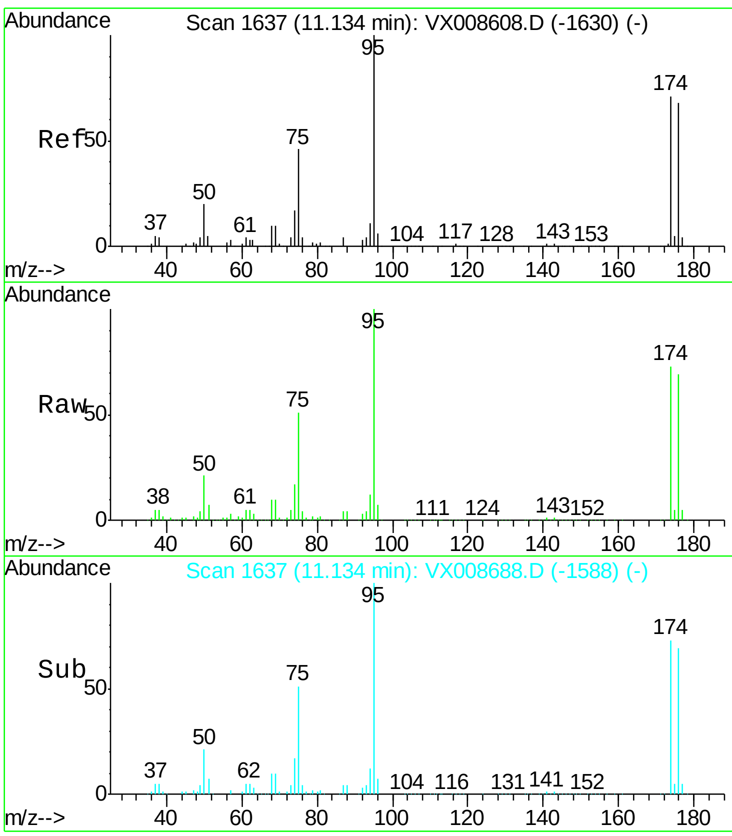
#52
Toluene
Concen: 69.832 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Instrument : MSVOA_X
ClientSampleId : MW-3DL

Tgt Ion: 92 Resp: 464567

Ion	Ratio	Lower	Upper
92	100		
91	172.5	138.5	207.7

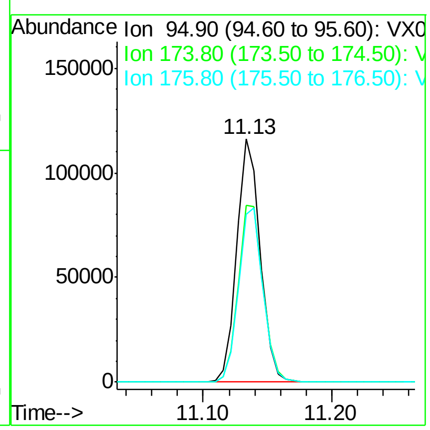


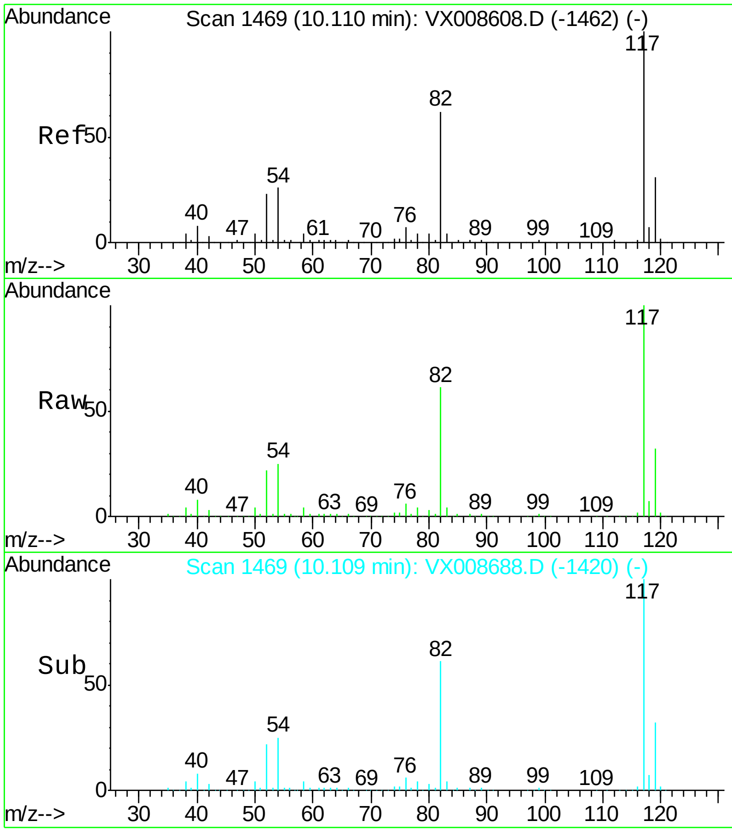


#62
4-Bromofluorobenzene
Concen: 47.458 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019 17:46

Tgt Ion: 95 Resp: 148461

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	151.8
176	74.1	0.0	145.8



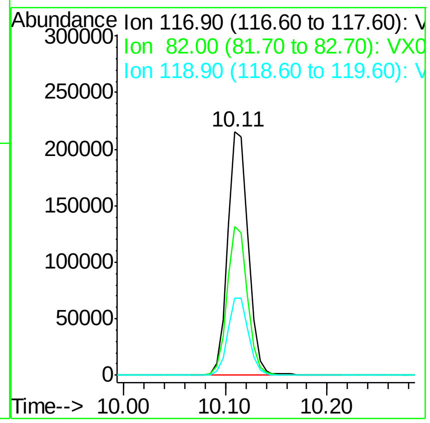


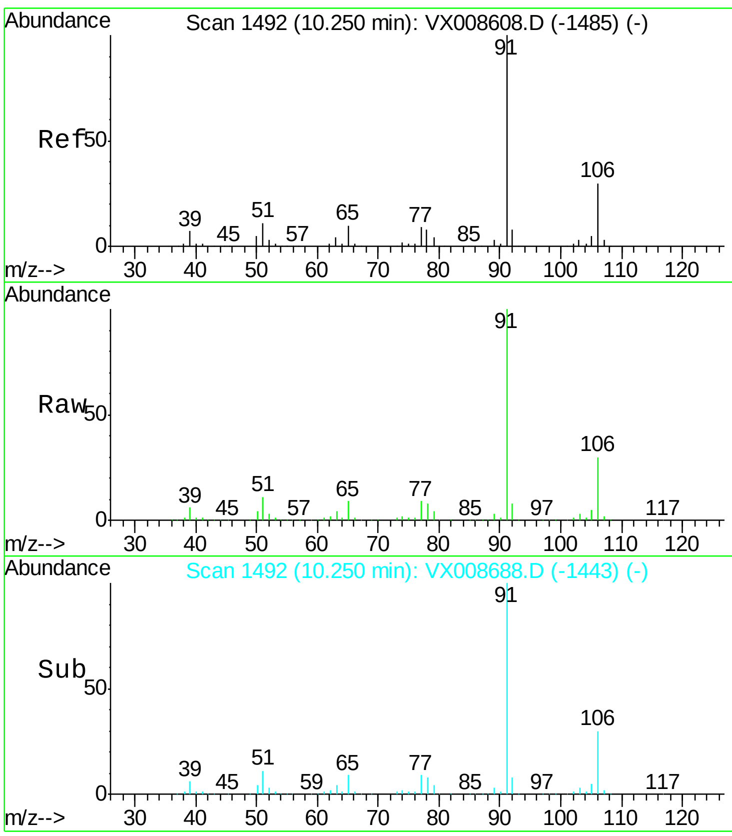
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min   Scan# 1469
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019   17:46

Instrument : MSVOA_X
ClientSampleId : MW-3DL

Tgt Ion:117 Resp: 300070

Ion	Ratio	Lower	Upper
117	100		
82	61.0	49.6	74.4
119	31.6	25.0	37.4

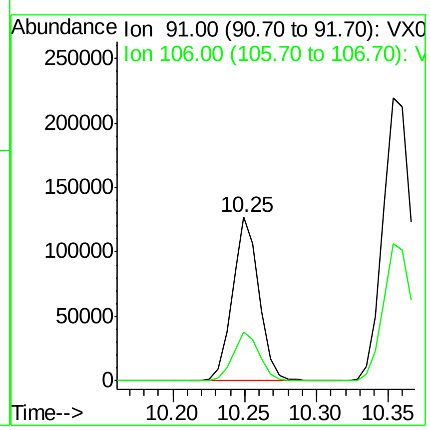


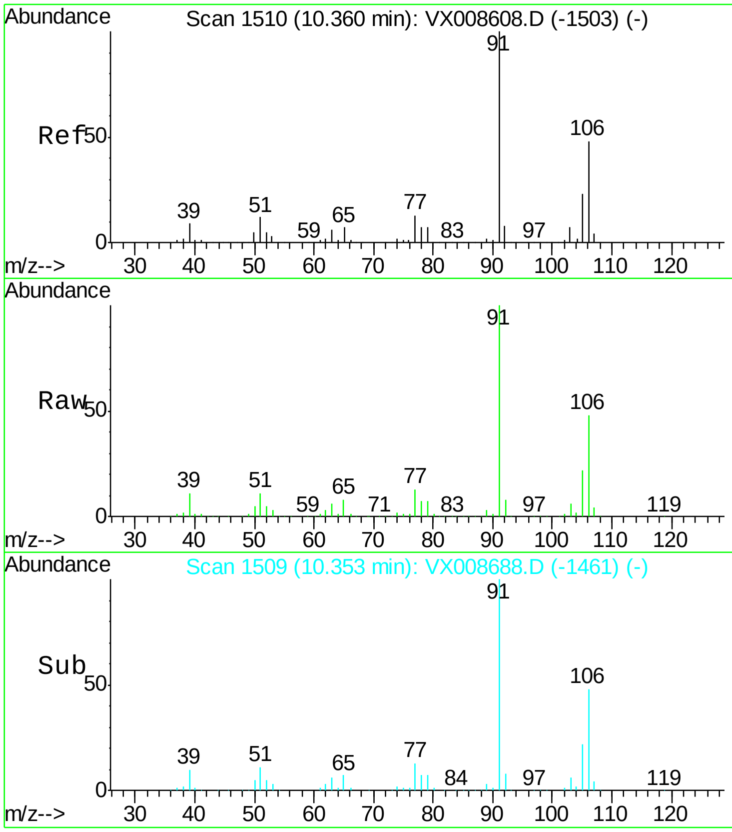


#67
Ethyl Benzene
Concen: 13.276 ug/l
RT: 10.25 min   Scan# 1492
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019   17:46

Tgt Ion: 91 Resp: 164667

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.7	35.5



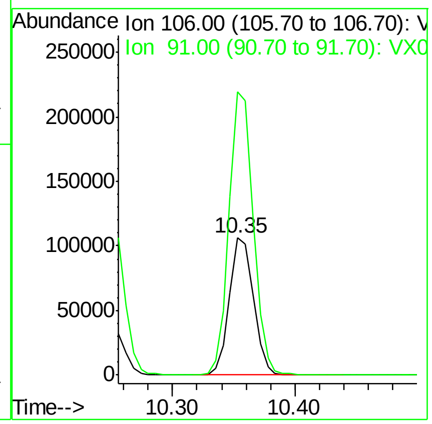


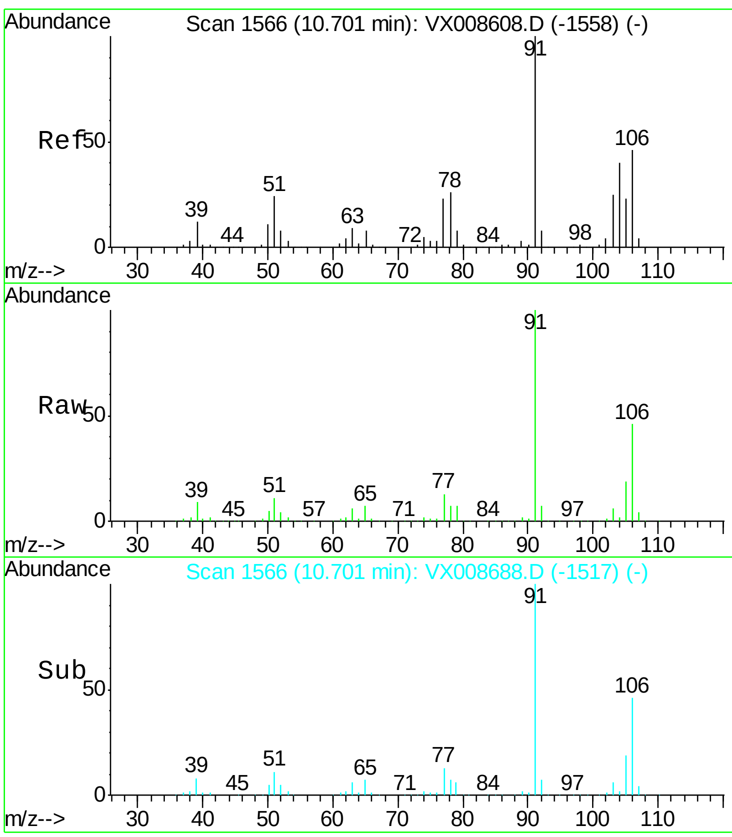
#68
m/p-Xylenes
Concen: 32.479 ug/l
RT: 10.35 min   Scan# 1509
Delta R.T.   -0.01 min
Lab File: VX008688.D
Acq: 05 Apr 2019   17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:106 Resp: 144842

Ion	Ratio	Lower	Upper
106	100		
91	208.4	168.5	252.7

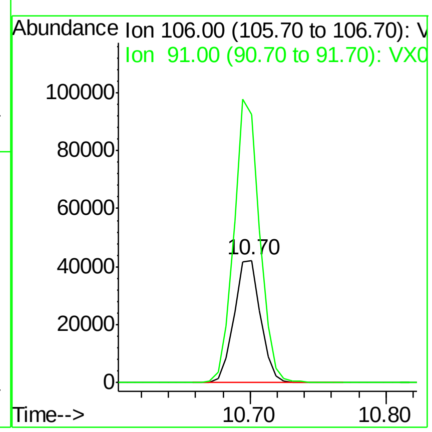


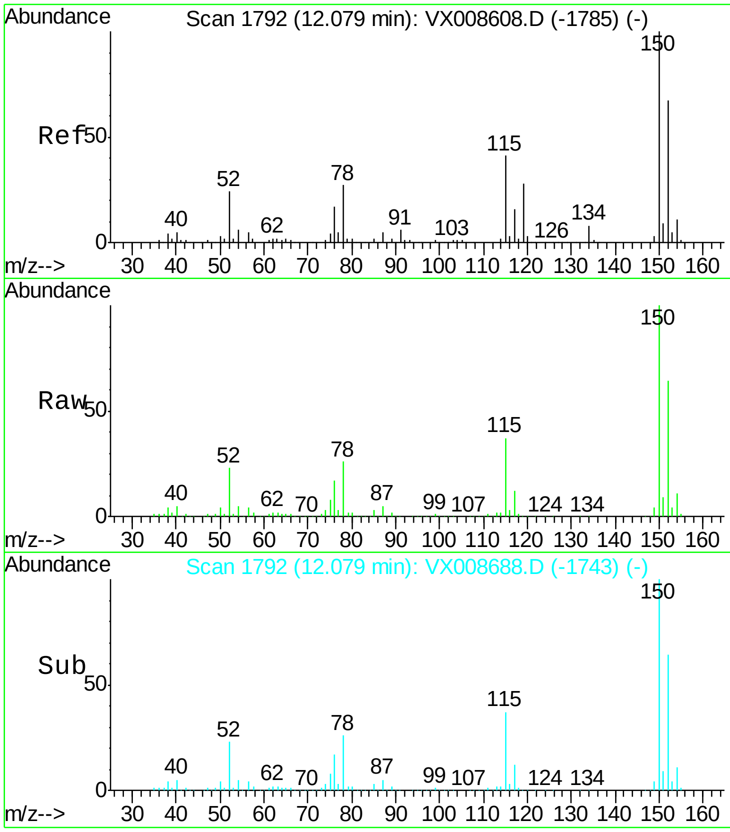


#69
o-Xylene
Concen: 13.240 ug/l
RT: 10.70 min   Scan# 1566
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019   17:46

Tgt Ion:106 Resp: 57223

Ion	Ratio	Lower	Upper
106	100		
91	224.7	111.5	334.4



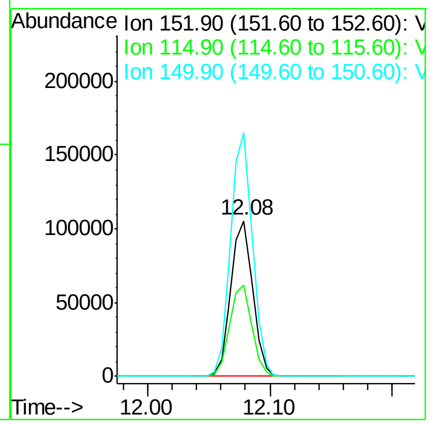


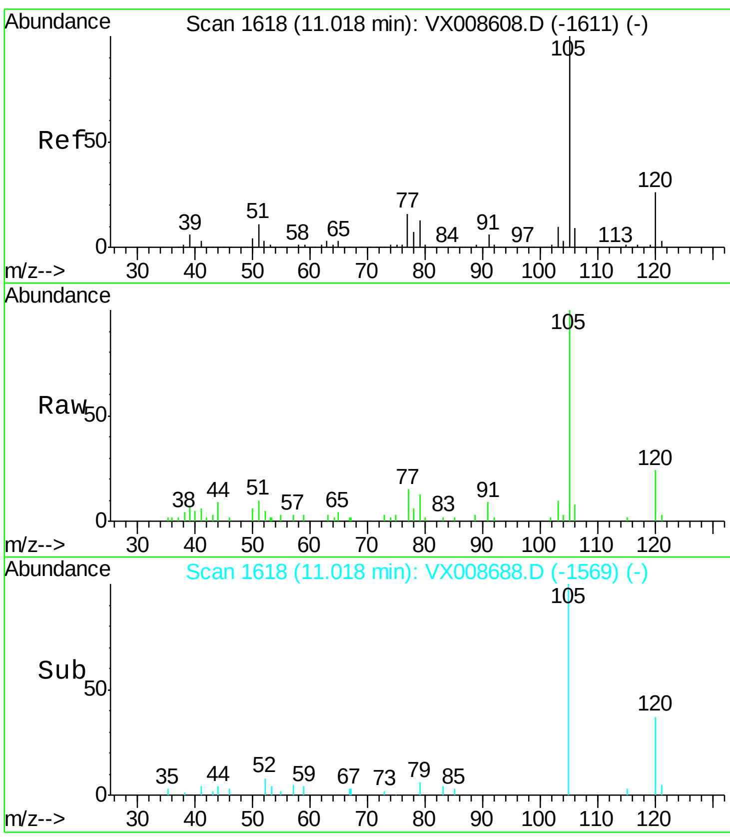
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min   Scan# 1792
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019   17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion:152 Resp: 129842

Ion	Ratio	Lower	Upper
152	100		
115	59.5	43.5	130.5
150	156.2	0.0	348.8

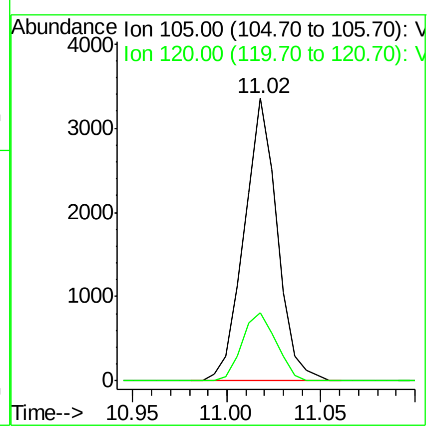


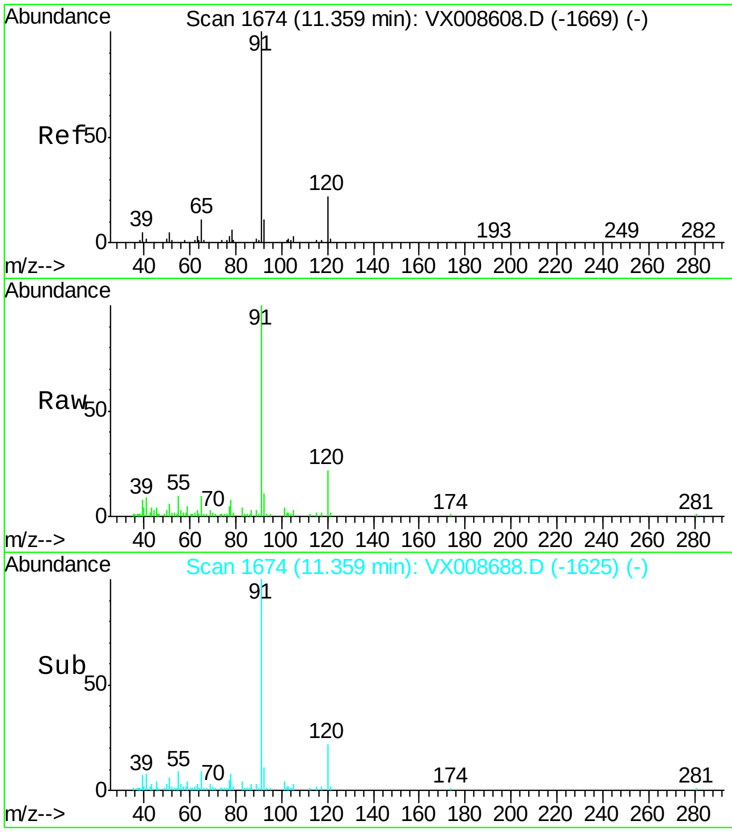


#73
Isopropylbenzene
Concen: 0.379 ug/l
RT: 11.02 min   Scan# 1618
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019   17:46

Tgt Ion:105 Resp: 4079

Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.9	38.6



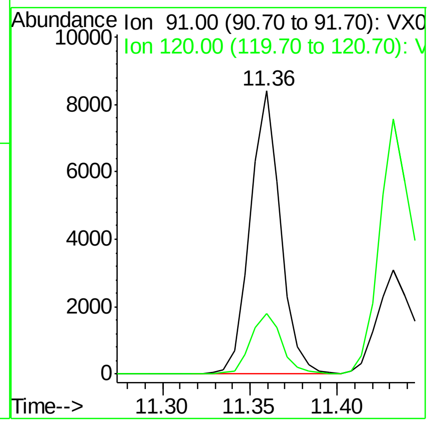


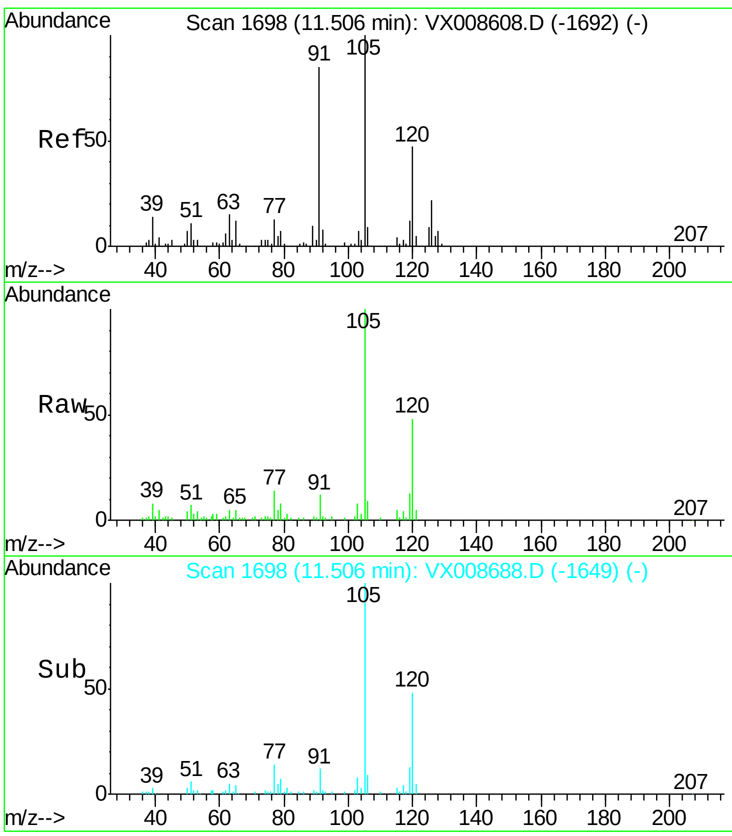
#78
n-propylbenzene
Concen: 0.813 ug/l
RT: 11.36 min   Scan# 1674
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019   17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tgt Ion: 91 Resp: 10187

Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.7

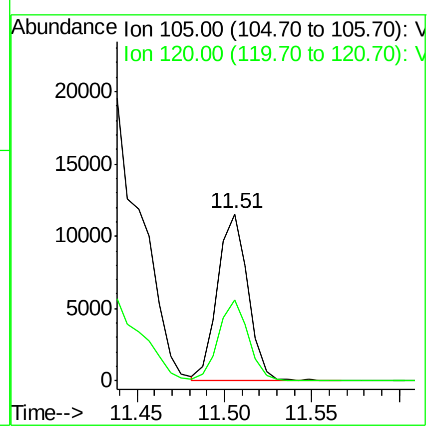




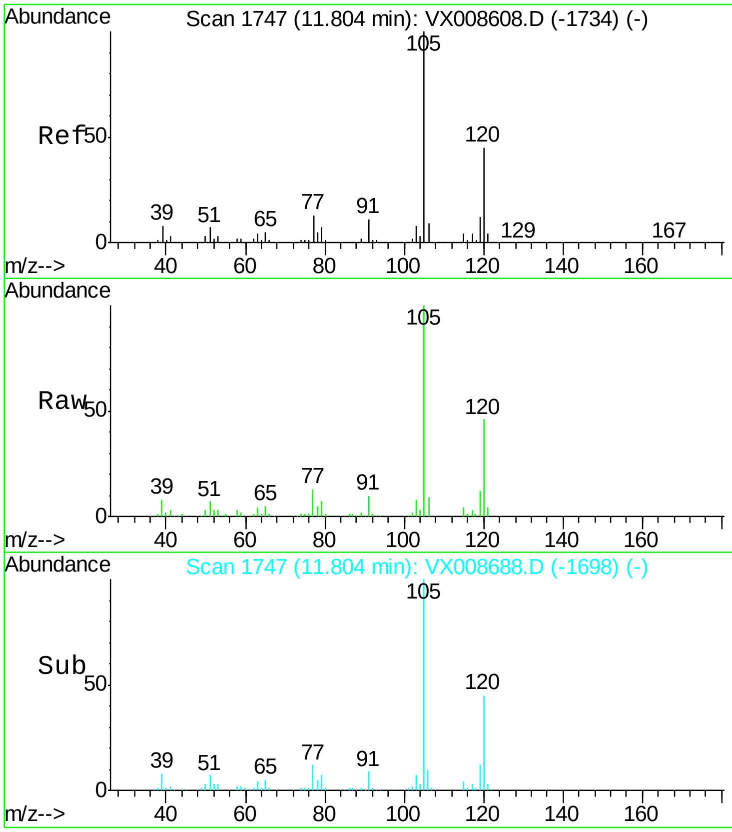
#80
1,3,5-Trimethylbenzene
Concen: 1.555 ug/l
RT: 11.51 min   Scan# 1698
Delta R.T.   -0.00 min
Lab File: VX008688.D
Acq: 05 Apr 2019   17:46

Tgt Ion:105 Resp: 14044

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.5	70.6

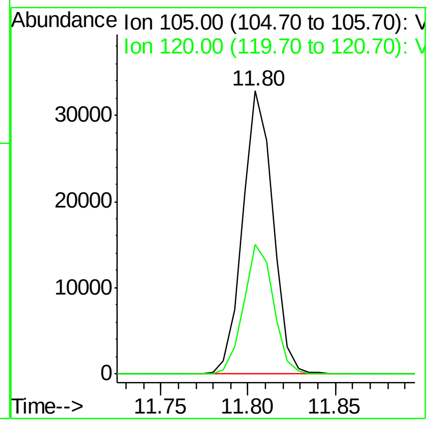


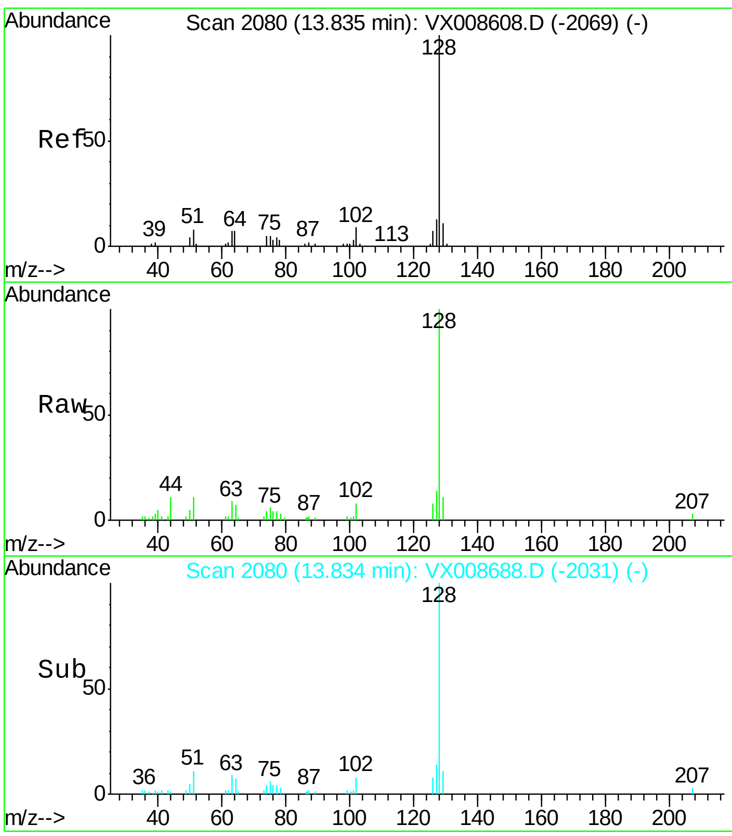
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL




```
#84
1,2,4-Trimethylbenzene
Concen:     4.325 ug/l
RT: 11.80 min   Scan# 1747
Delta R.T.    -0.00 min
Lab File:    VX008688.D
Acq: 05 Apr 2019   17:46

Tgt Ion:105 Resp:    39560
Ion  Ratio  Lower  Upper
105  100
120   45.2   21.8   65.3
```






```
#95
Naphthalene
Concen:     0.476 ug/l
RT: 13.83 min   Scan# 2080
Delta R.T.    -0.00 min
Lab File:    VX008688.D
Acq: 05 Apr 2019   17:46

Tgt Ion:128 Resp:     5086
Ion  Ratio  Lower  Upper
128  100
127   14.3   10.4   15.6
129   12.0    8.6   13.0
```