Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021219\
Data File : VX007489.D
Acq On : 12 Feb 2019 15:30
Operator : JC/SP
Sample : K1433-09DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001MW022-190207DL

Quant Time: Feb 13 12:25:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	514433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	802831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	752316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	374442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	274192	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.44%			
35) Dibromofluoromethane	5.51	113	253403	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.02%			
50) Toluene-d8	8.71	98	960132	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
62) 4-Bromofluorobenzene	11.13	95	342689	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.86%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.21	73	70912	4.456	ug/l	98
31) Cyclohexane	5.57	56	33323	4.389	ug/l	92
39) Methylcyclohexane	7.46	83	35540	4.078	ug/l	94
40) Benzene	6.15	78	578596	27.268	ug/l	98
67) Ethyl Benzene	10.25	91	1719971	65.058	ug/l	100
68) m/p-Xylenes	10.36	106	759028	72.225	ug/l	100
69) o-Xylene	10.70	106	25609	2.532	ug/l	98
73) Isopropylbenzene	11.02	105	278042	10.927	ug/l	98
78) n-propylbenzene	11.36	91	283809	10.171	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	322267	15.481	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1180710	55.866	ug/l	99
95) Naphthalene	13.83	128	350776	13.891	ug/l	99

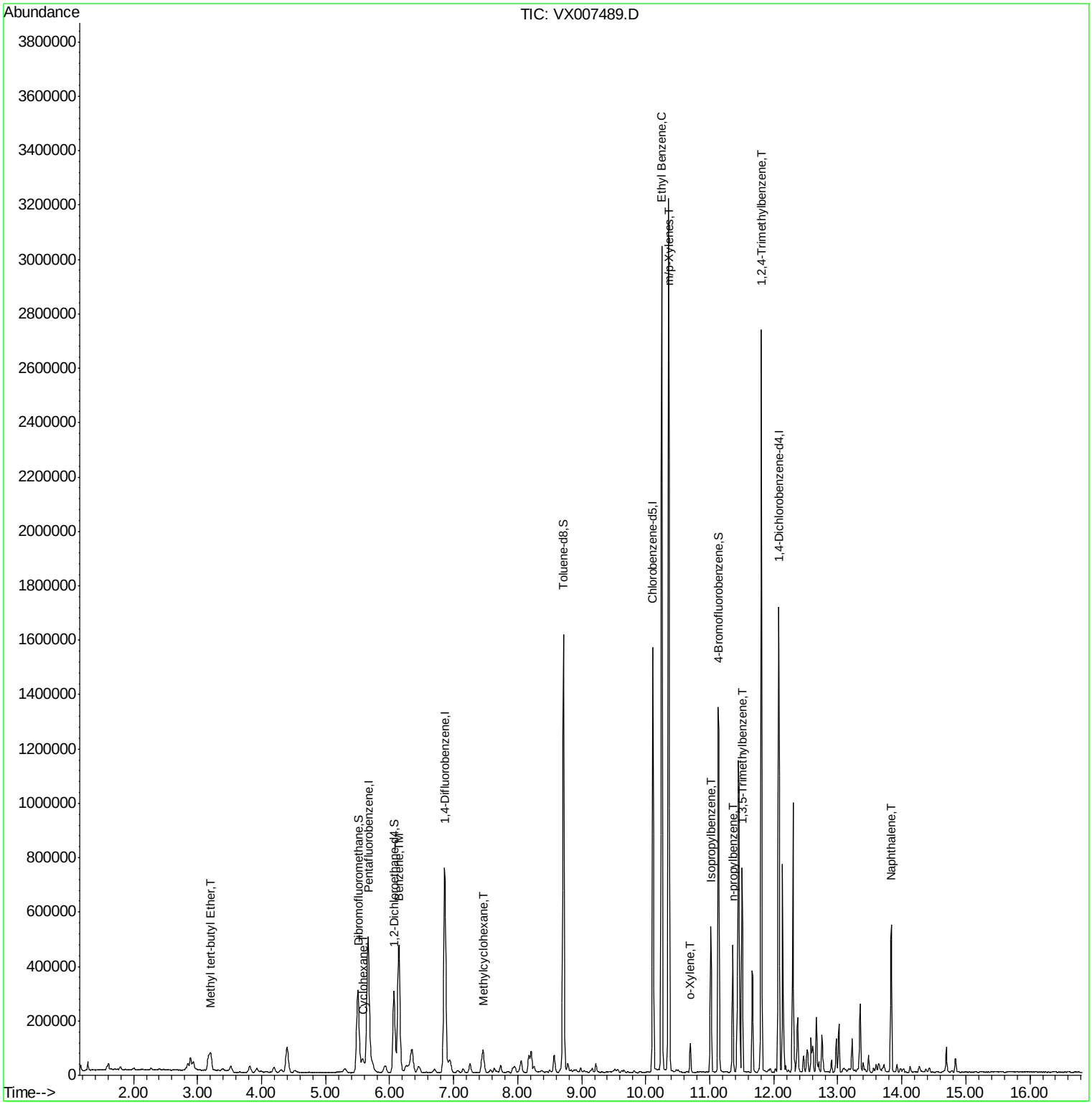
(#) = qualifier out of range (m) = manual integration (+) = signals summed

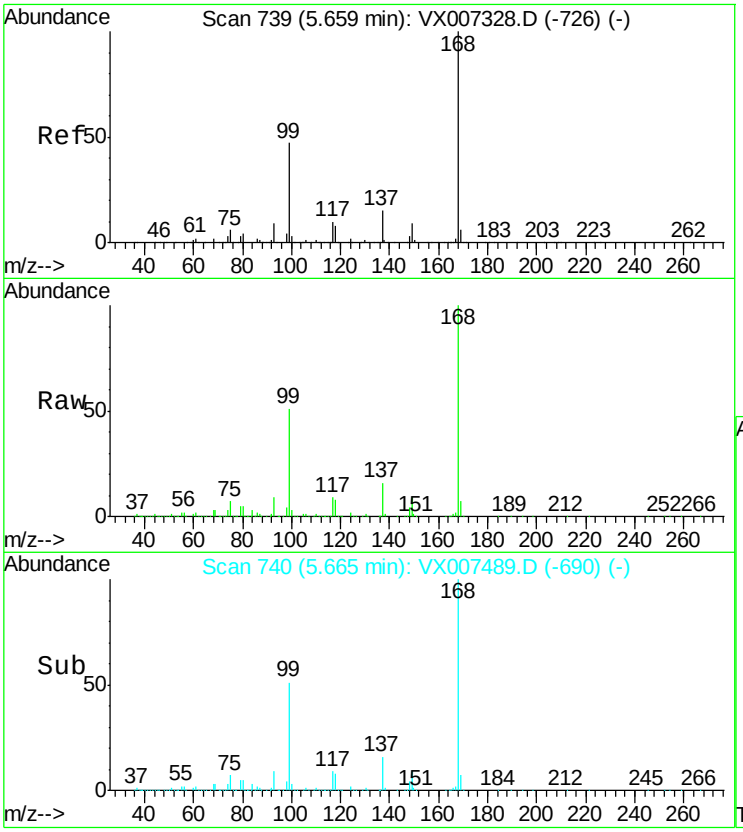
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021219\
Data File : VX007489.D
Acq On : 12 Feb 2019 15:30
Operator : JC/SP
Sample : K1433-09DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-190207DL

Quant Time: Feb 13 12:25:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



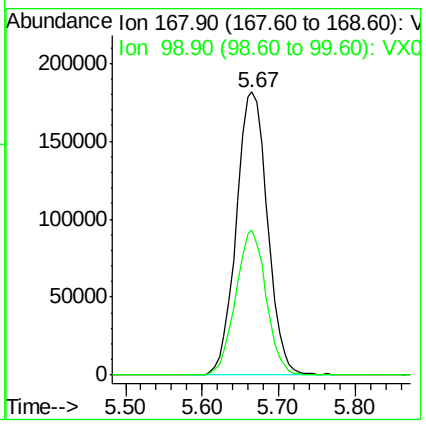


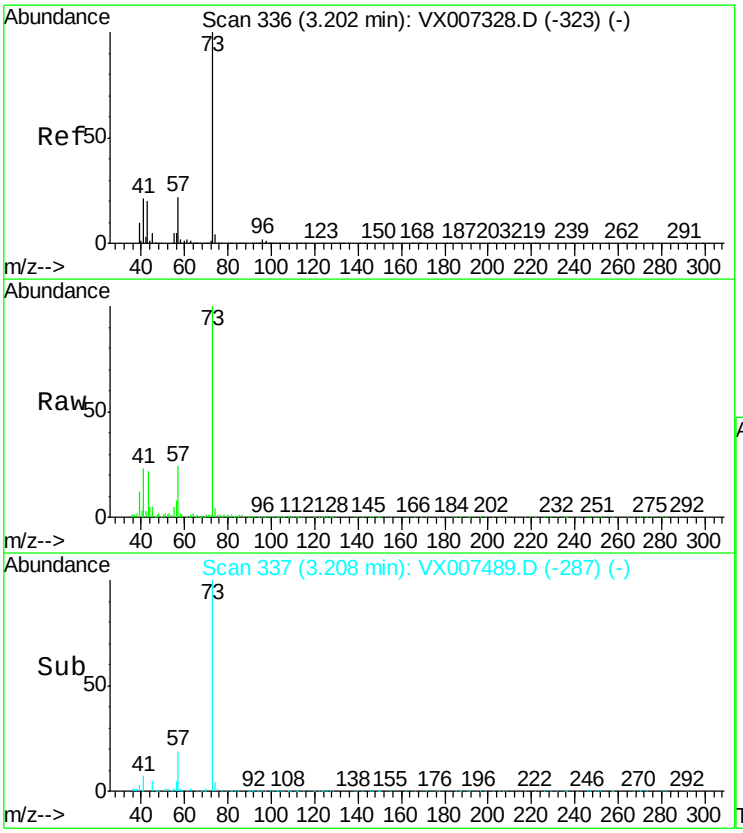
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-190207DL

Tgt Ion:168 Resp: 514433

Ion	Ratio	Lower	Upper
168	100		
99	51.1	37.9	56.9

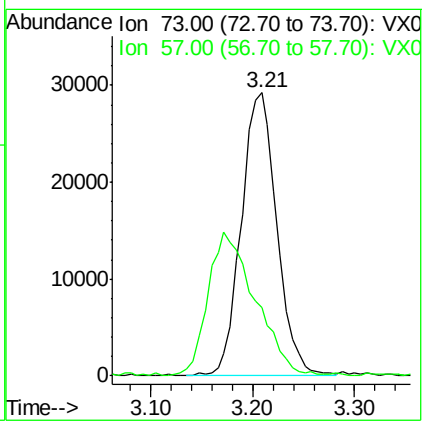


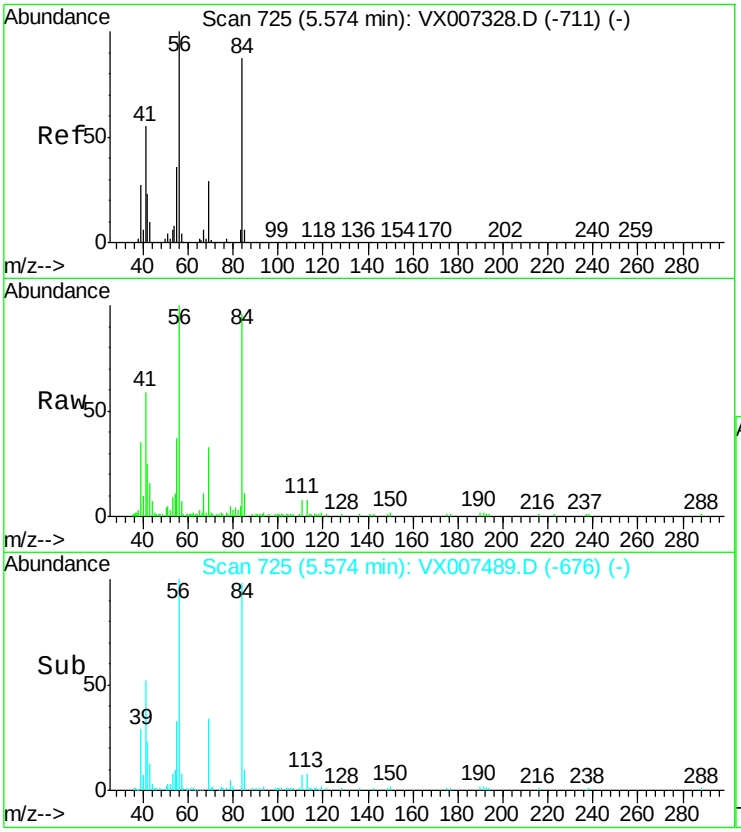


#19
Methyl tert-butyl Ether
Concen: 4.456 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion: 73 Resp: 70912

Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.8	26.8



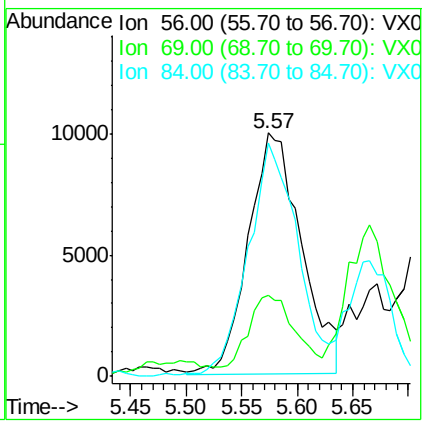


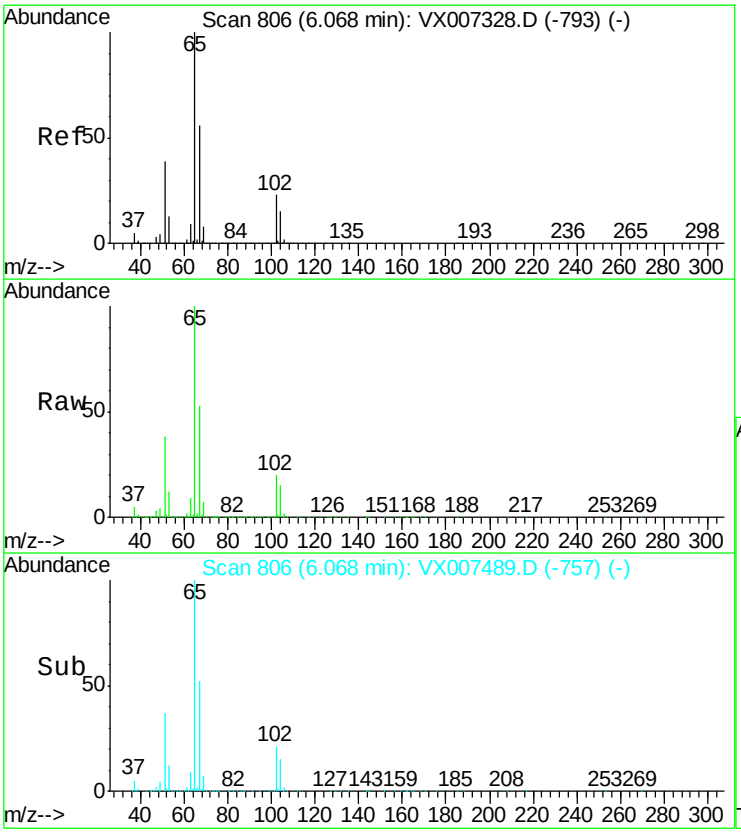
#31
Cyclohexane
Concen: 4.389 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-190207DL

Tgt Ion: 56 Resp: 33323

Ion	Ratio	Lower	Upper
56	100		
69	27.6	23.0	34.6
84	96.1	69.8	104.6

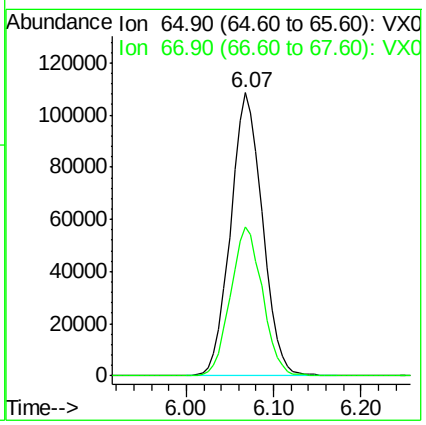


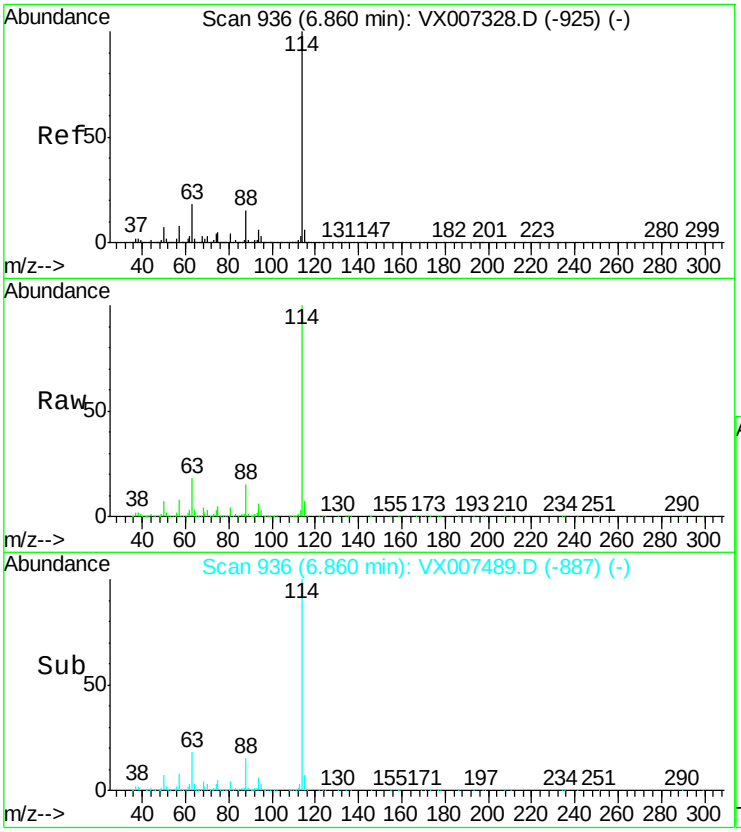


#33
1,2-Dichloroethane-d4
Concen: 50.216 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion: 65 Resp: 274192

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.8



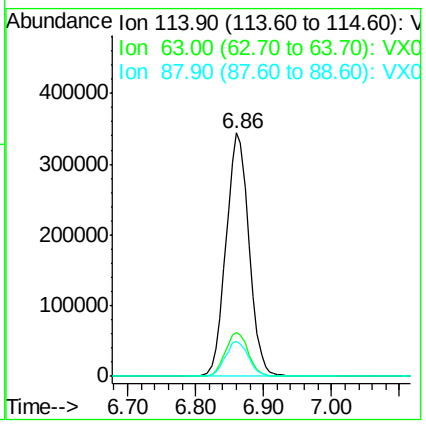


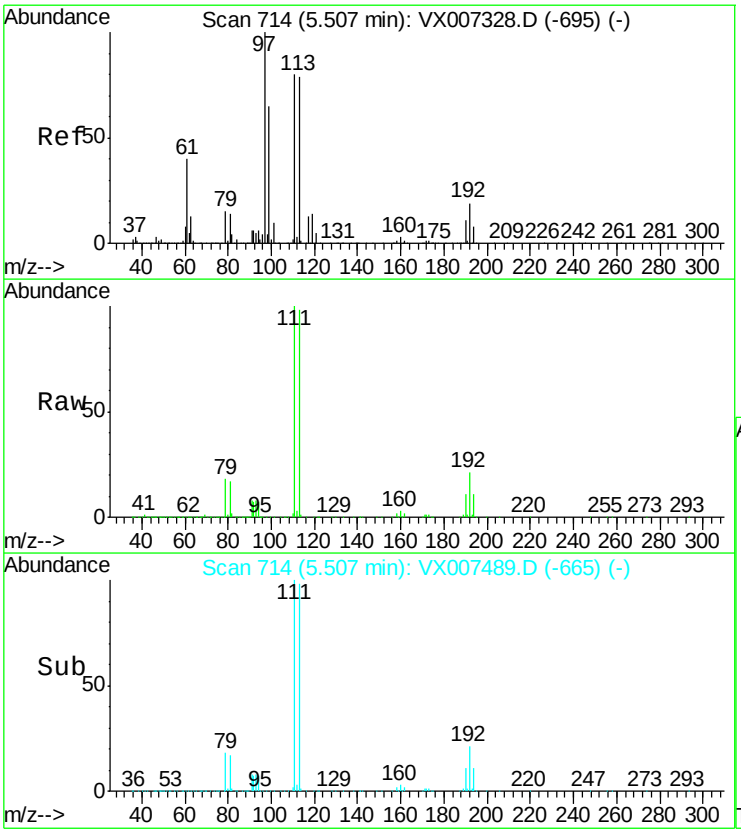
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-190207DL

Tgt Ion:114 Resp: 802831

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	14.6	0.0	29.6

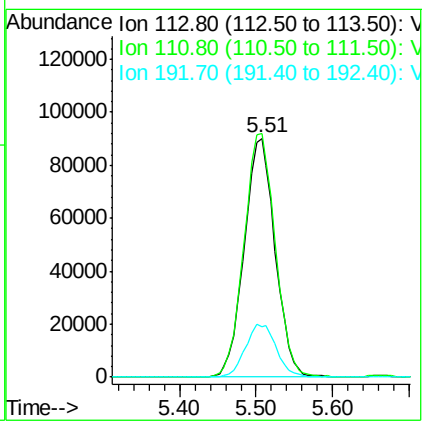


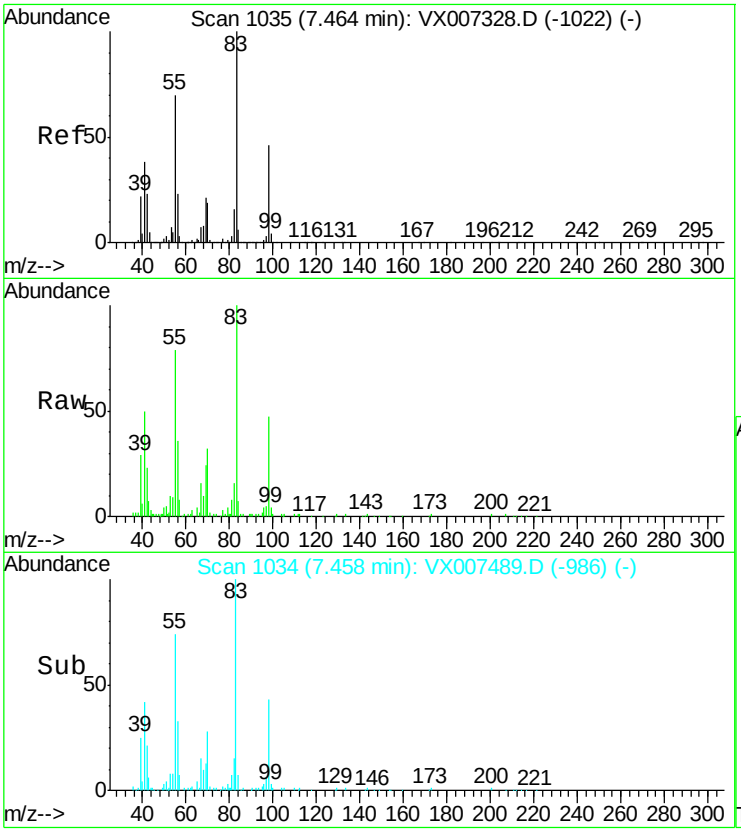


#35
Dibromofluoromethane
Concen: 48.510 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion:113 Resp: 253403

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	22.3	18.5	27.7



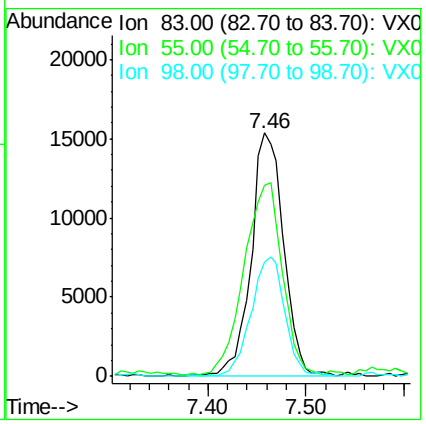


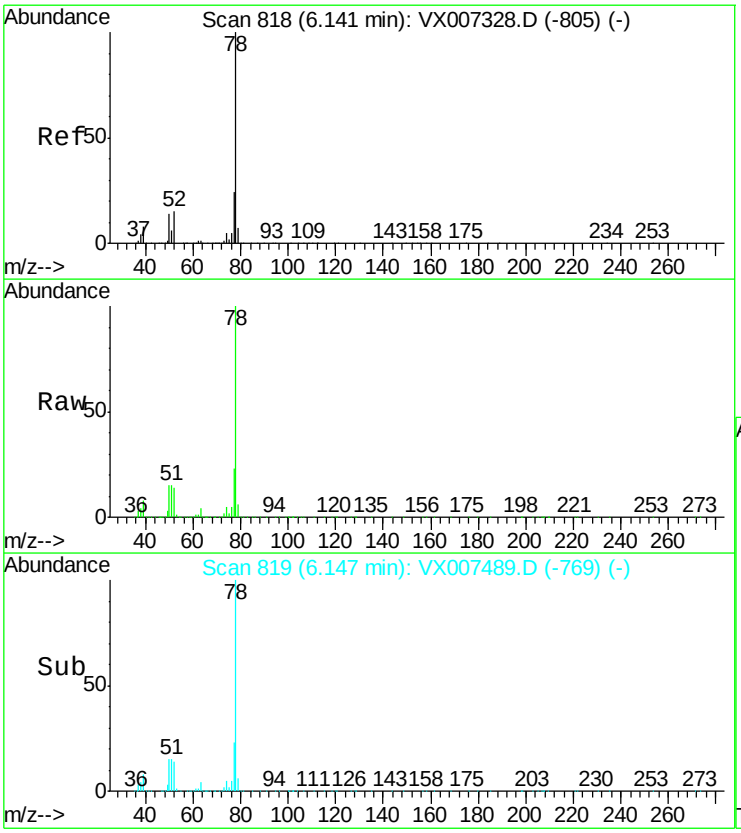
#39
Methylcyclohexane
Concen: 4.078 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-190207DL

Tgt Ion: 83 Resp: 35540

Ion	Ratio	Lower	Upper
83	100		
55	78.2	56.2	84.2
98	46.9	36.8	55.2

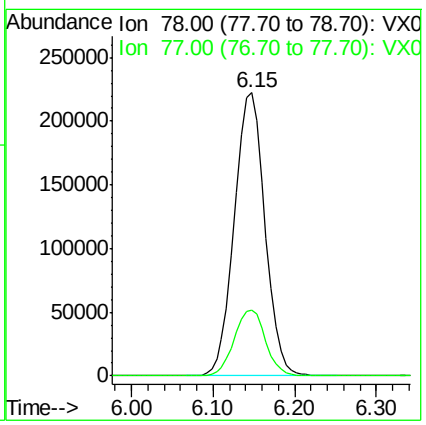


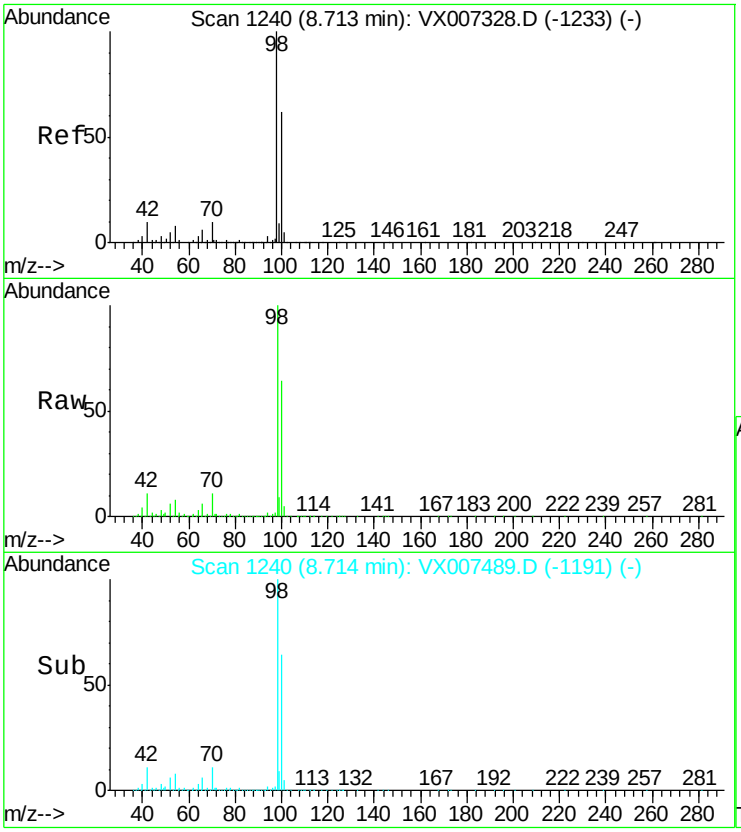


#40
Benzene
Concen: 27.268 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion: 78 Resp: 578596

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9



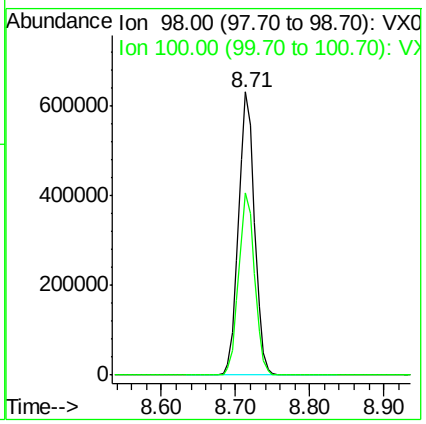


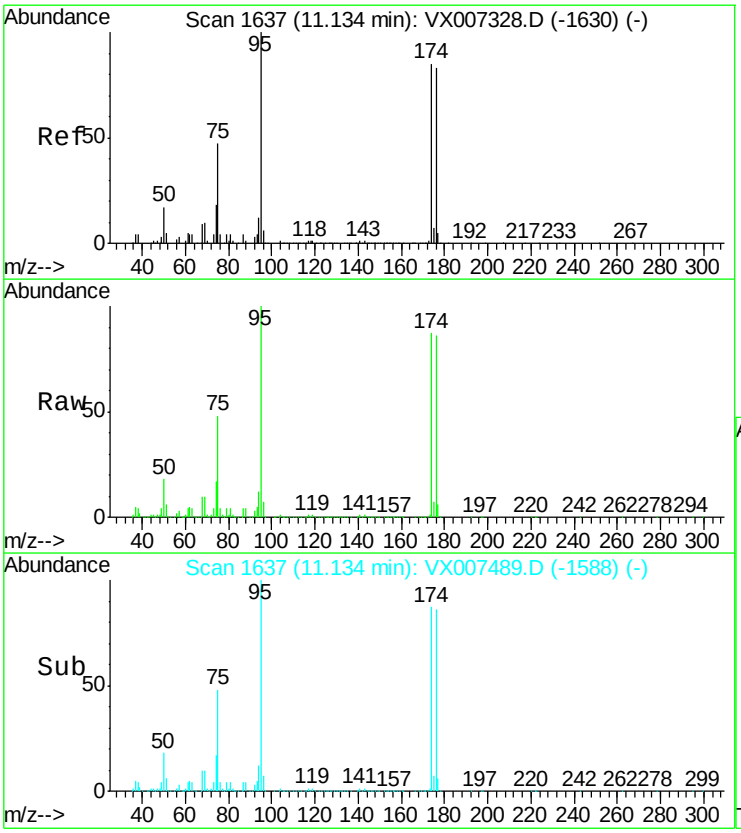
#50
Toluene-d8
Concen: 49.540 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument : MSVOA_X
ClientSampleId : KY001MW022-190207DL

Tgt Ion: 98 Resp: 960132

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

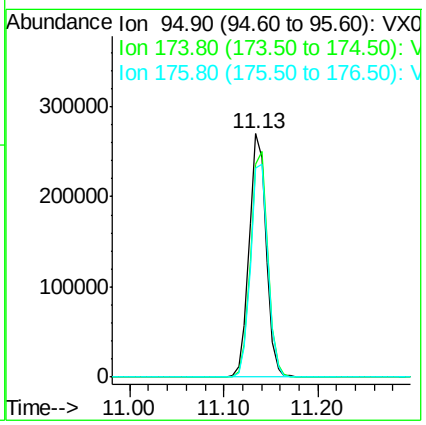


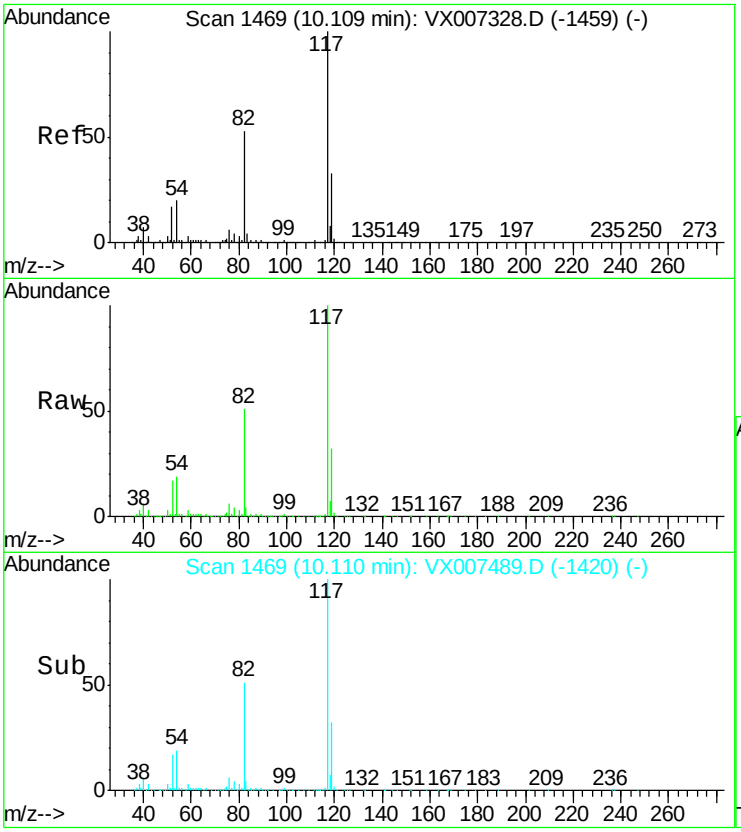


#62
4-Bromofluorobenzene
Concen: 48.430 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion: 95 Resp: 342689

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	189.2
176	90.2	0.0	186.2



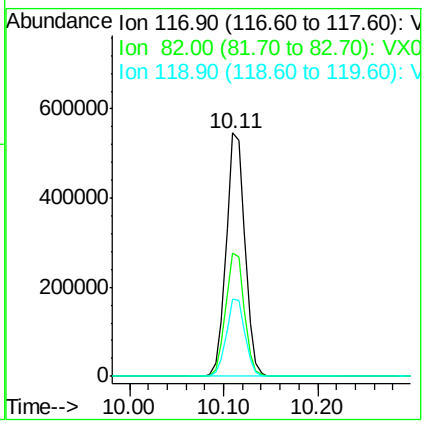


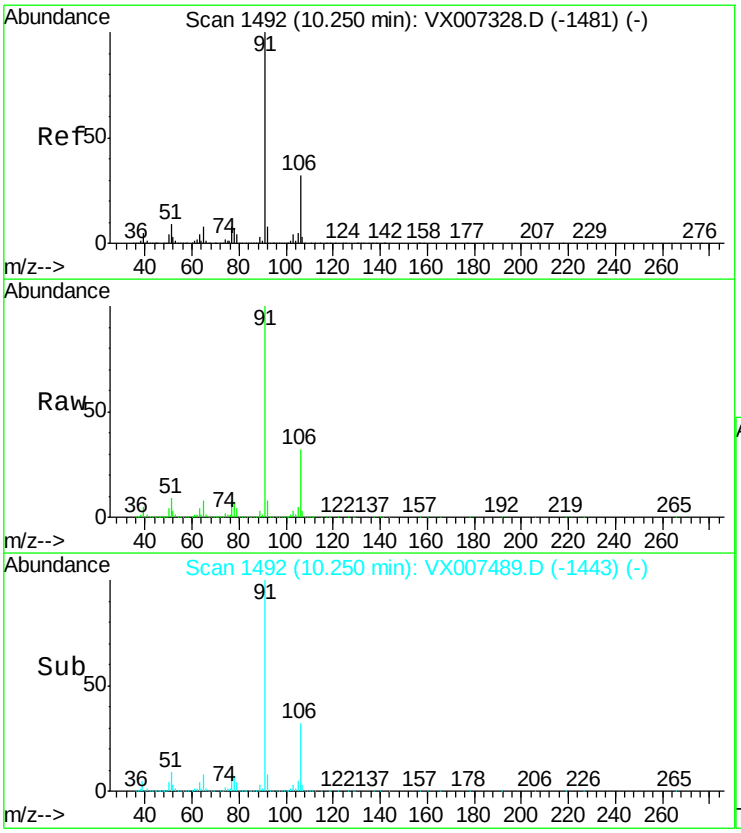
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument : MSVOA_X
ClientSampleId : KY001MW022-190207DL

Tgt Ion:117 Resp: 752316

Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.1	63.1
119	31.5	26.5	39.7

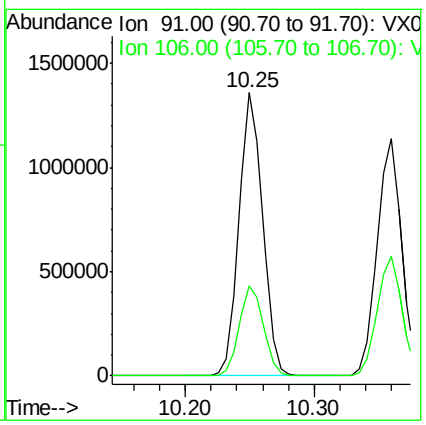


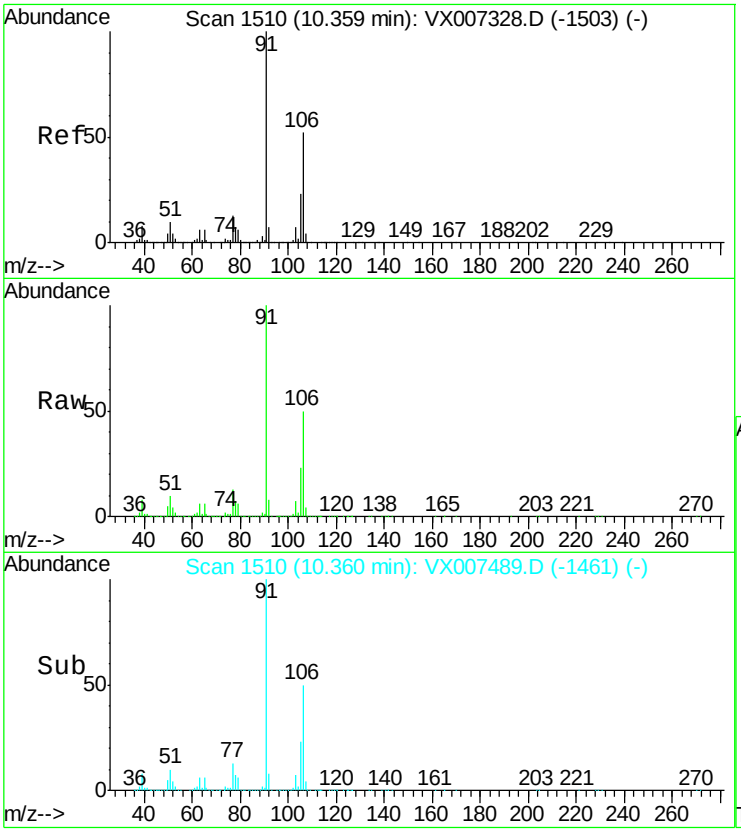


#67
Ethyl Benzene
Concen: 65.058 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion: 91 Resp: 1719971

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.4	38.0



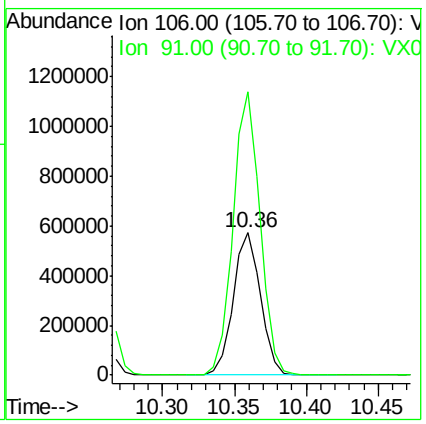


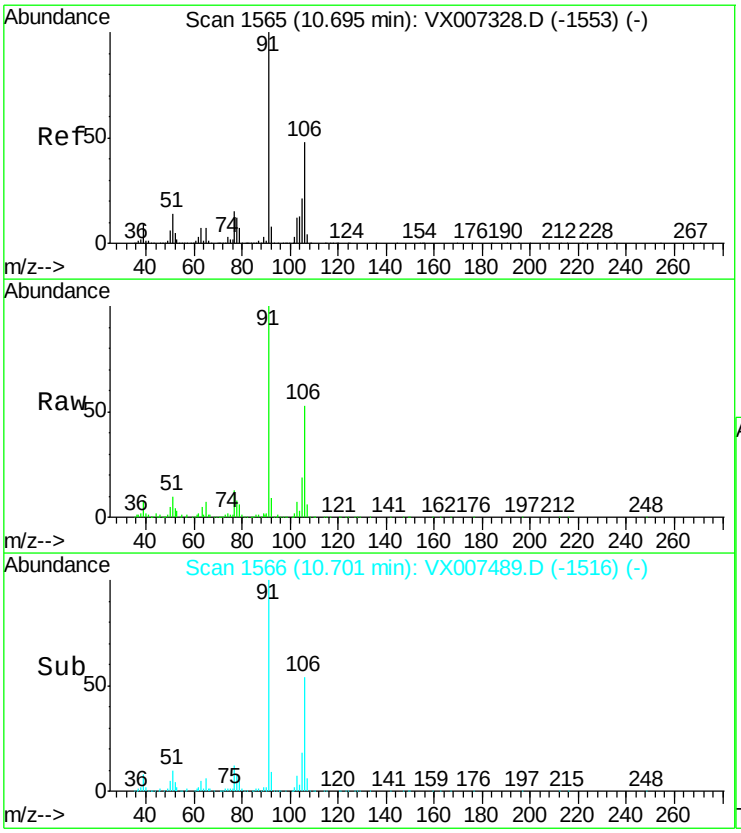
#68
m/p-Xylenes
Concen: 72.225 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-190207DL

Tgt Ion:106 Resp: 759028

Ion	Ratio	Lower	Upper
106	100		
91	196.4	156.6	234.8

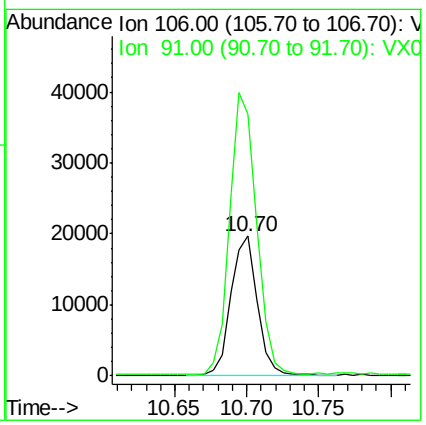


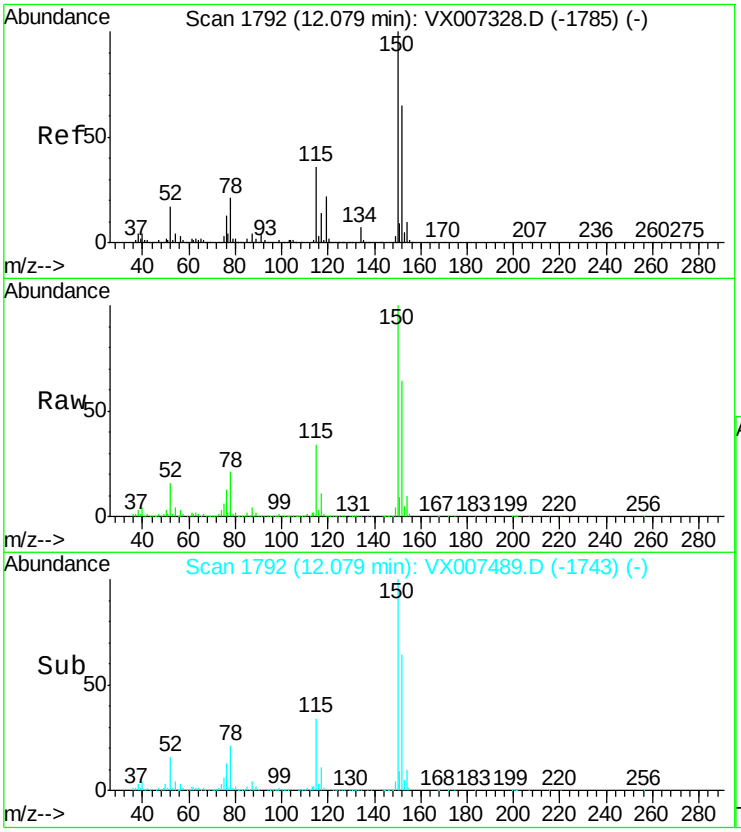


#69
o-Xylene
Concen: 2.532 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion:106 Resp: 25609

Ion	Ratio	Lower	Upper
106	100		
91	202.5	102.9	308.7



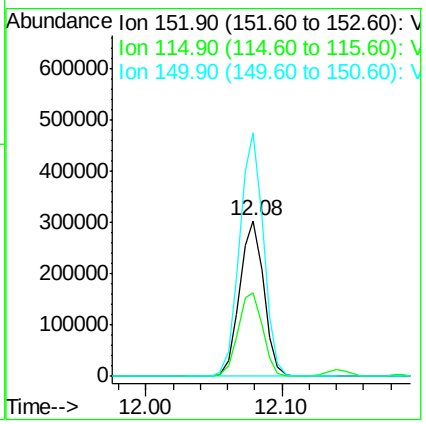


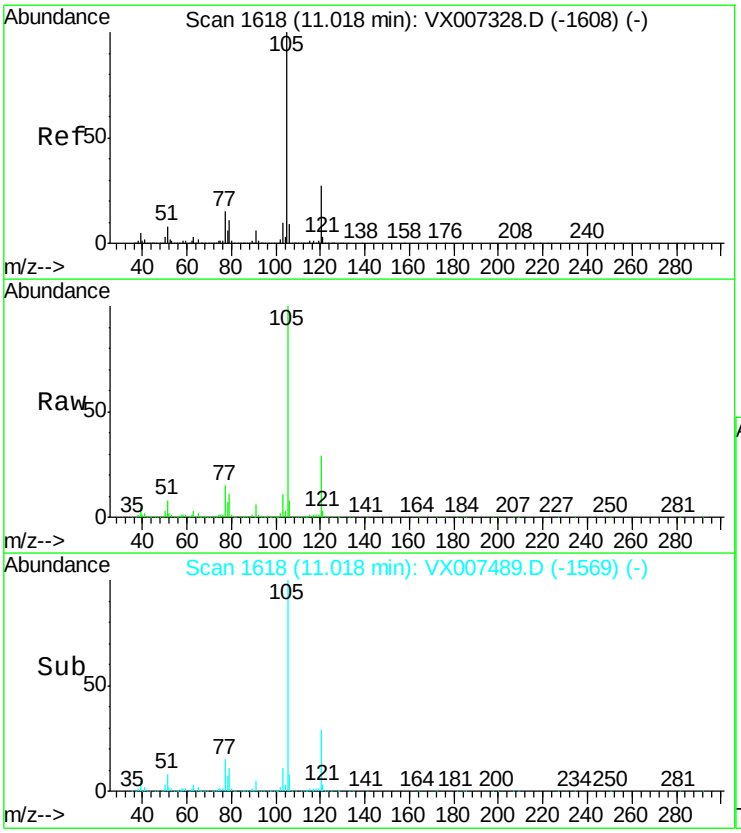
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument : MSVOA_X
ClientSampleId : KY001MW022-190207DL

Tgt Ion:152 Resp: 374442

Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.0	114.0
150	154.7	0.0	346.4

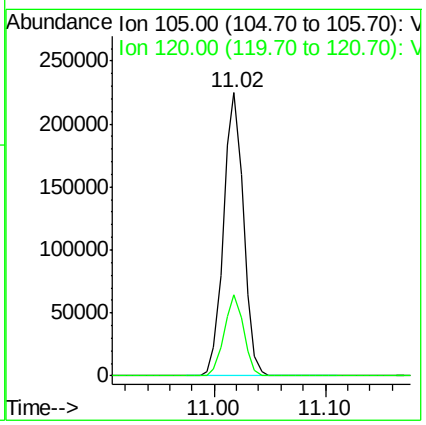


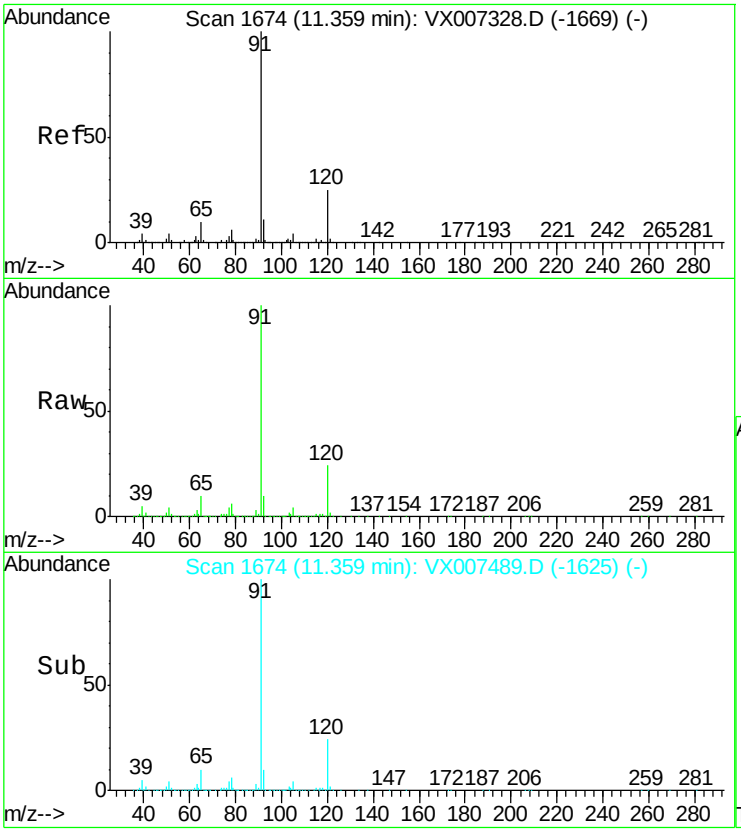


#73
Isopropylbenzene
Concen: 10.927 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion:105 Resp: 278042

Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.6	40.7



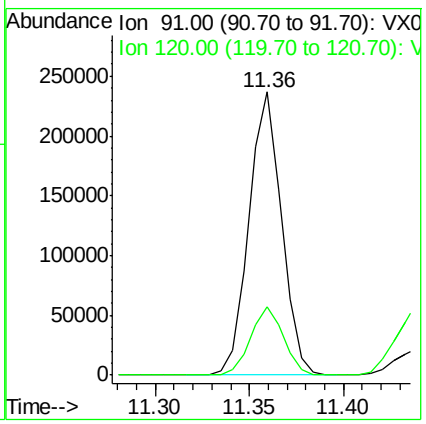


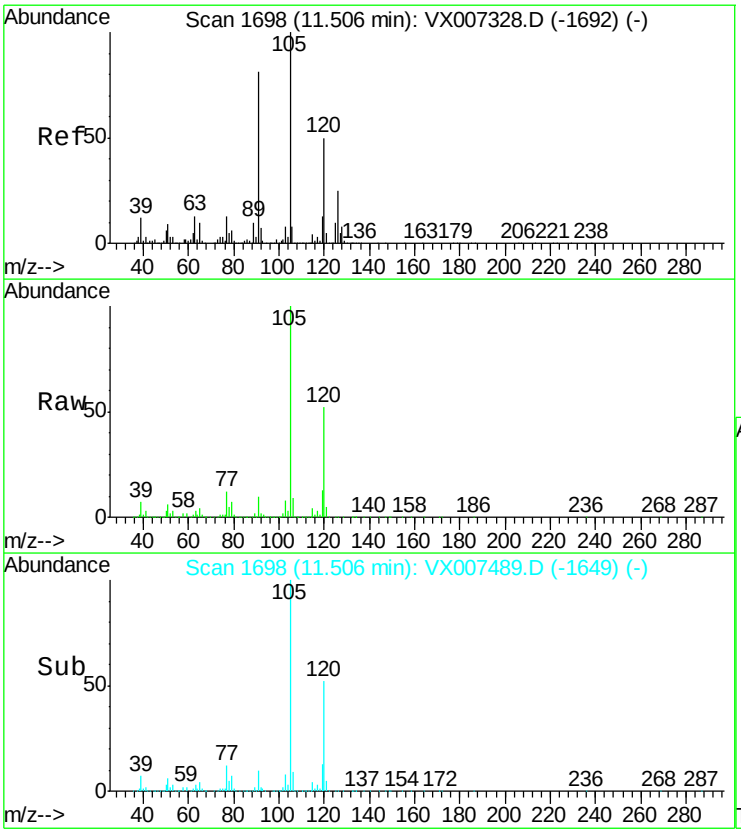
#78
n-propylbenzene
Concen: 10.171 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-190207DL

Tgt Ion: 91 Resp: 283809

Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.4	37.2

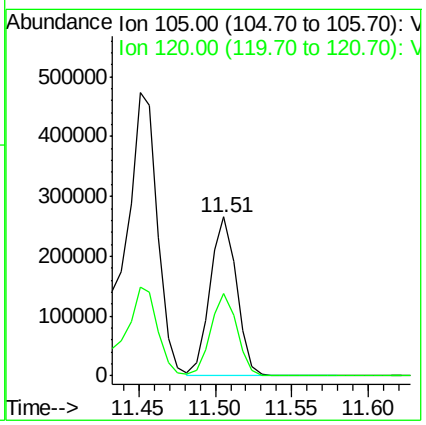


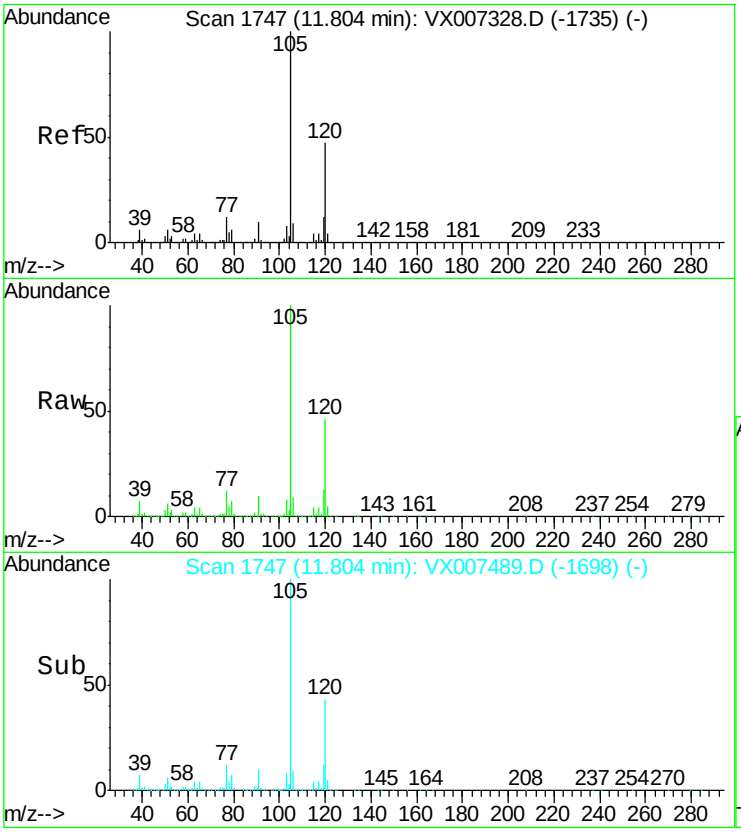


#80
1,3,5-Trimethylbenzene
Concen: 15.481 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion:105 Resp: 322267

Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.3	75.8



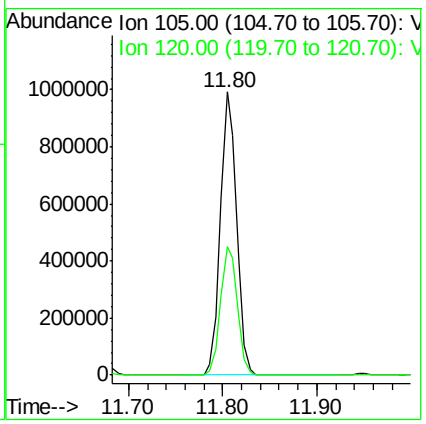


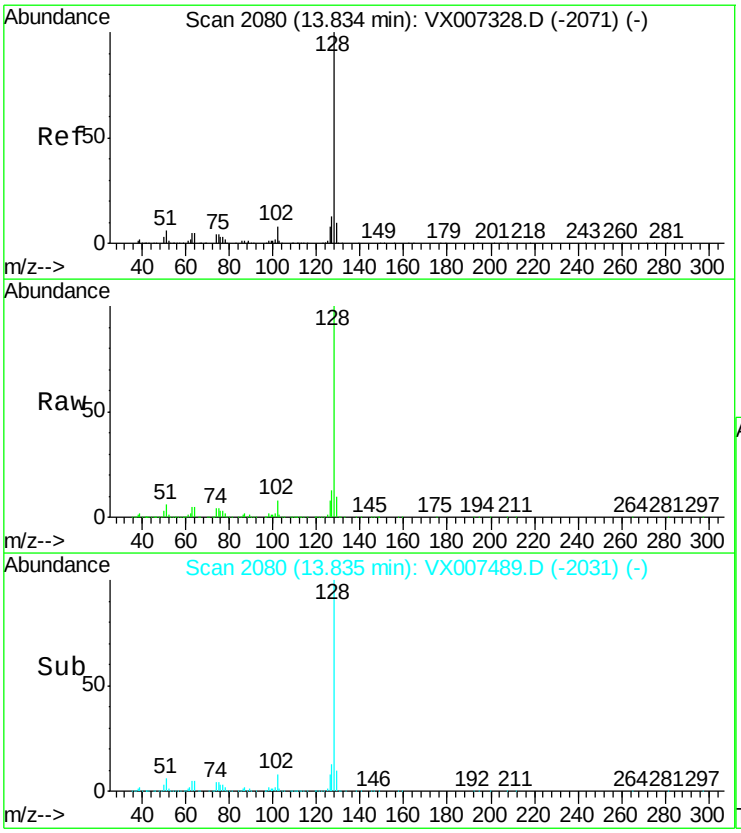
#84
1,2,4-Trimethylbenzene
Concen: 55.866 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-190207DL

Tgt Ion:105 Resp: 1180710

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.1	69.3





#95
Naphthalene
Concen: 13.891 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007489.D
Acq: 12 Feb 2019 15:30

Tgt Ion:128 Resp: 350776

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.0	8.7	13.1