Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022719\
Data File : VN053985.D
Acq On : 27 Feb 2019 22:51
Operator : JC/SP
Sample : K1632-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 50153

Quant Time: Feb 28 07:57:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1085046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397596	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.26%			
35) Dibromofluoromethane	7.59	113	364110	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
50) Toluene-d8	10.09	98	1434367	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.54%			
62) 4-Bromofluorobenzene	12.40	95	471332	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.08%			
Target Compounds						Qvalue
16) Acetone	3.82	43	34800	6.555	ug/l #	87
20) Methylene Chloride	4.55	84	18755	2.651	ug/l	94
43) Isopropyl Acetate	8.17	43	33919	2.679	ug/l #	90
52) Toluene	10.16	92	52368	2.757	ug/l	98
67) Ethyl Benzene	11.51	91	36141	0.941	ug/l	97
68) m/p-Xylenes	11.62	106	41036	2.832	ug/l	95
69) o-Xylene	11.95	106	24376	1.712	ug/l	92
78) n-propylbenzene	12.59	91	13694	0.376	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	12699	0.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	64029	2.449	ug/l	95
95) Naphthalene	15.13	128	17679	4.229	ug/l	97

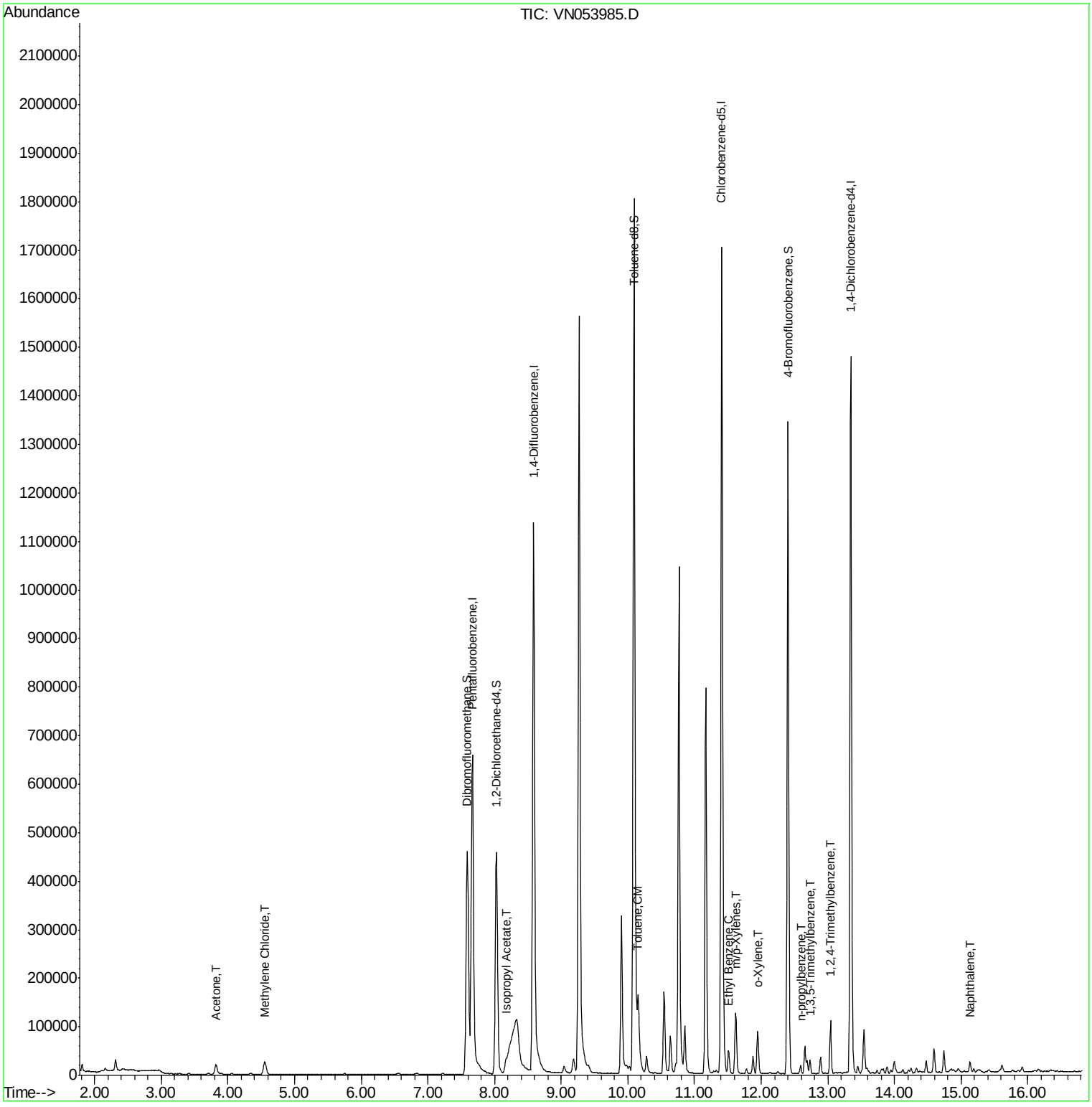
(#) = qualifier out of range (m) = manual integration (+) = signals summed

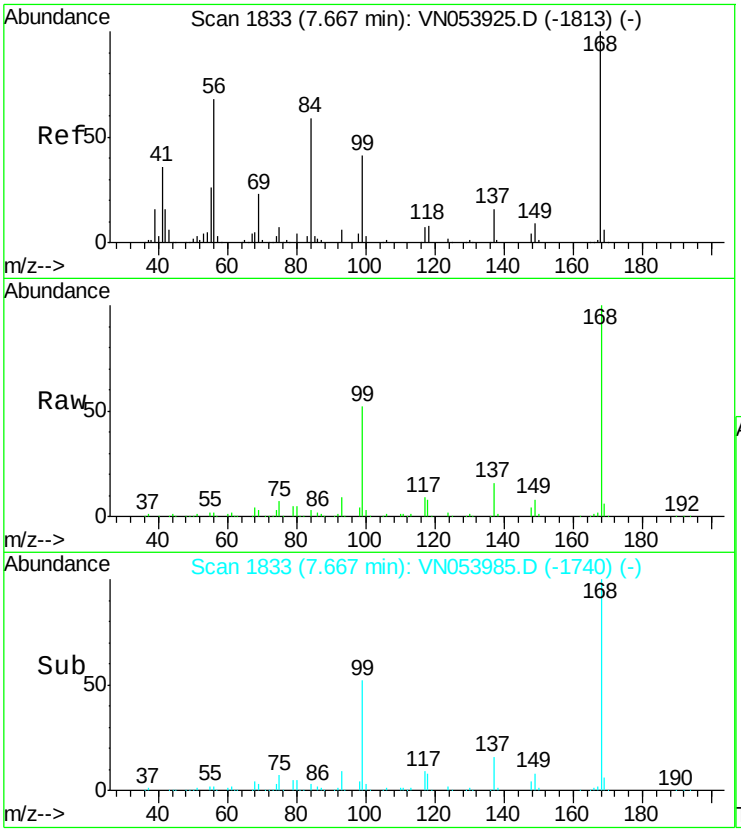
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022719\
Data File : VN053985.D
Acq On : 27 Feb 2019 22:51
Operator : JC/SP
Sample : K1632-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 50153

Quant Time: Feb 28 07:57:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration



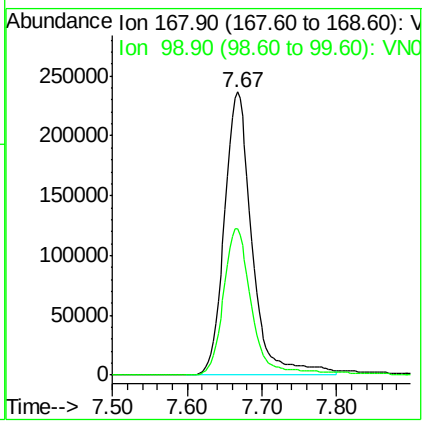


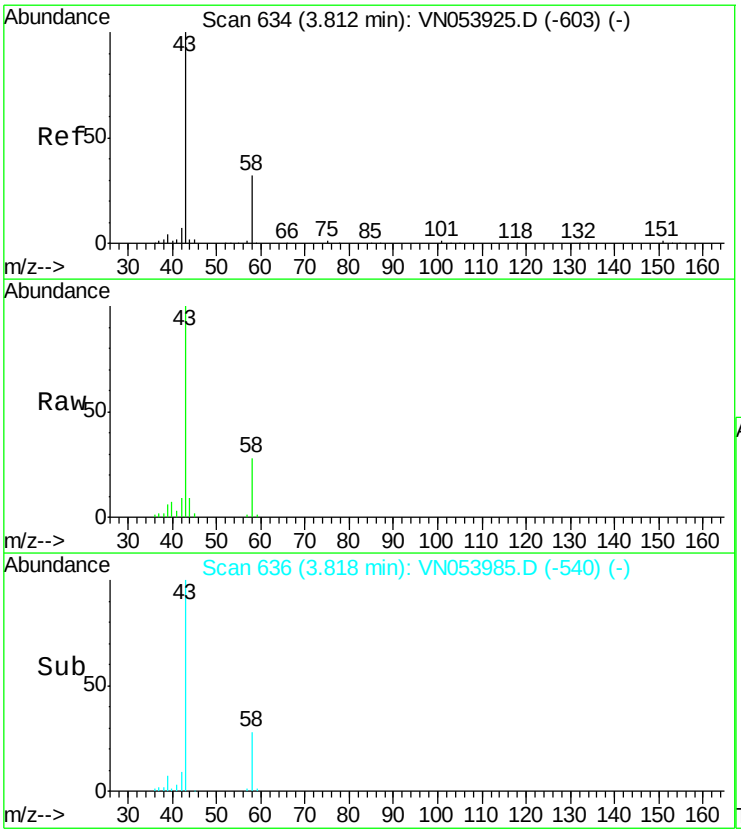
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion:168 Resp: 609691

Ion	Ratio	Lower	Upper
168	100		
99	51.6	36.9	55.3

Instrument :
MSVOA_N
ClientSampleId :
50153

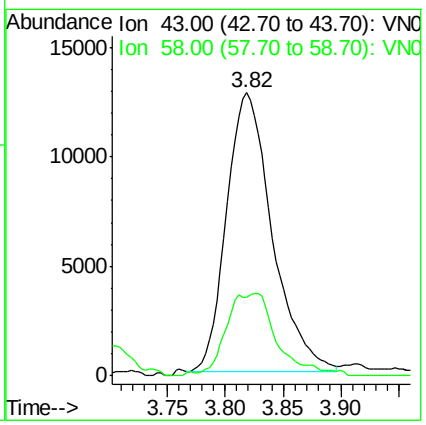


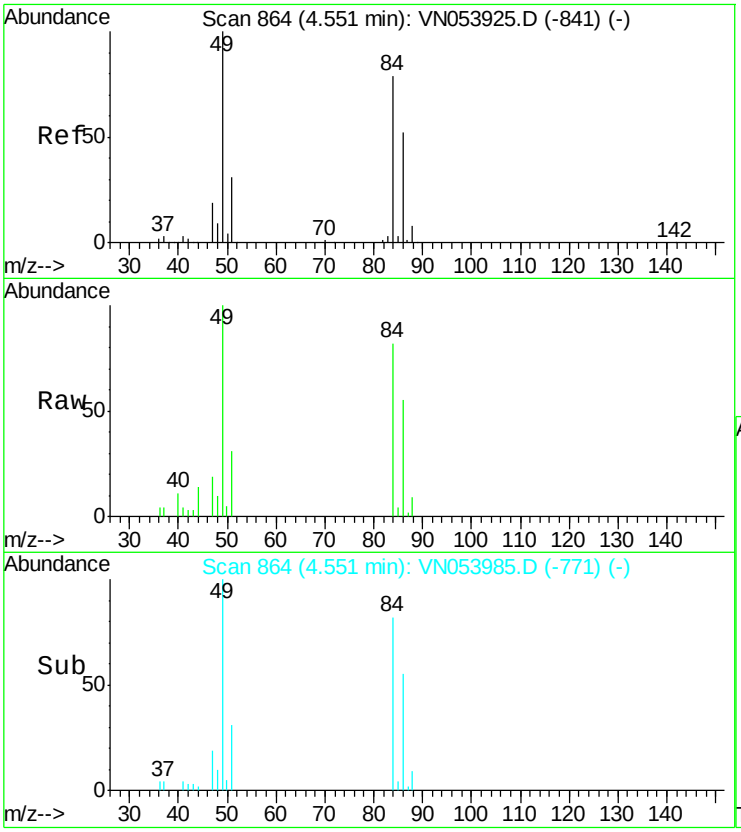


#16
Acetone
Concen: 6.555 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 43 Resp: 34800

Ion	Ratio	Lower	Upper
43	100		
58	26.8	27.6	41.4#



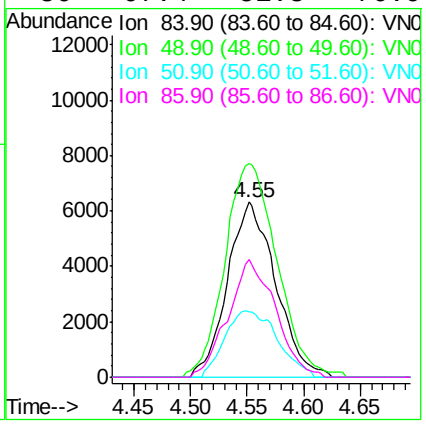


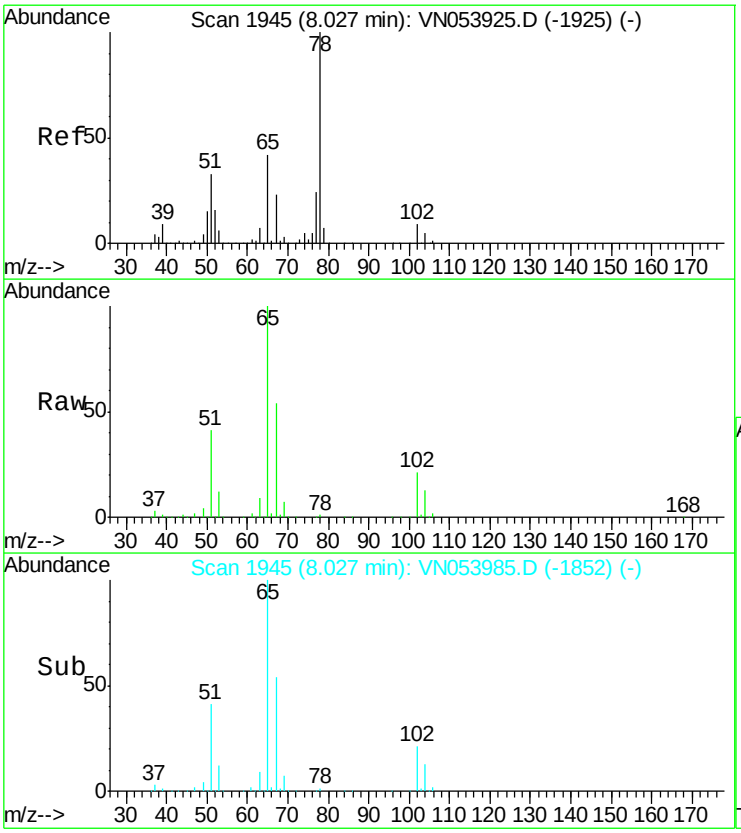
#20
Methylene Chloride
Concen: 2.651 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument : MSVOA_N
ClientSampleId : 50153

Tgt Ion: 84 Resp: 18755

Ion	Ratio	Lower	Upper
84	100		
49	119.3	89.7	134.5
51	37.4	27.8	41.8
86	67.4	51.3	76.9

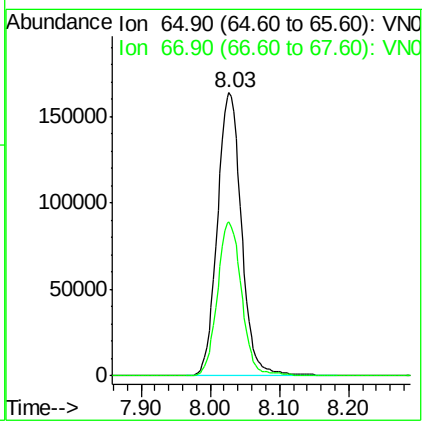


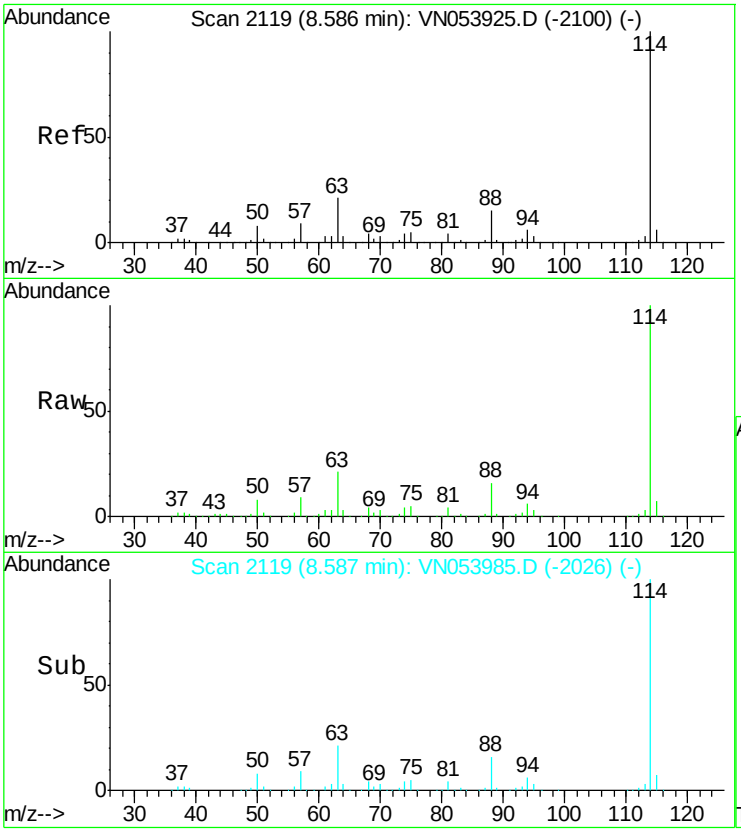


#33
1,2-Dichloroethane-d4
Concen: 55.632 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 65 Resp: 397596

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.8



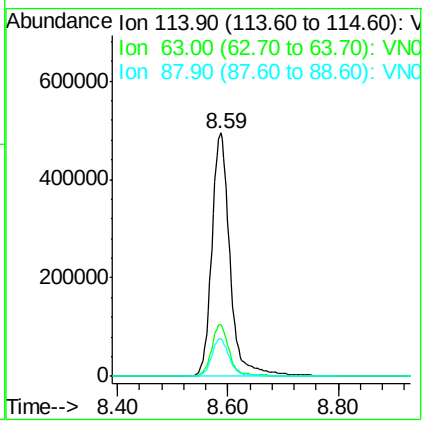


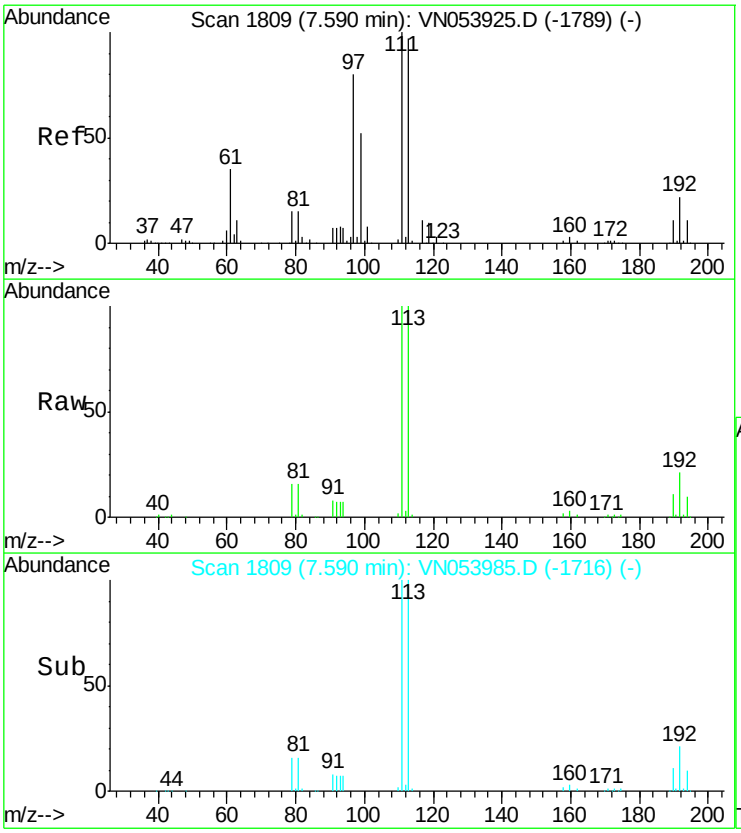
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument :
MSVOA_N
ClientSampleId :
50153

Tgt Ion:114 Resp: 1129233

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	37.4
88	15.6	0.0	30.4

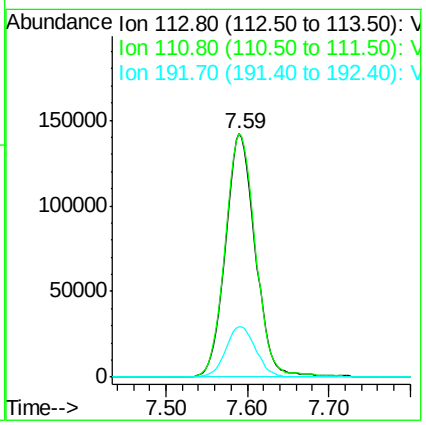


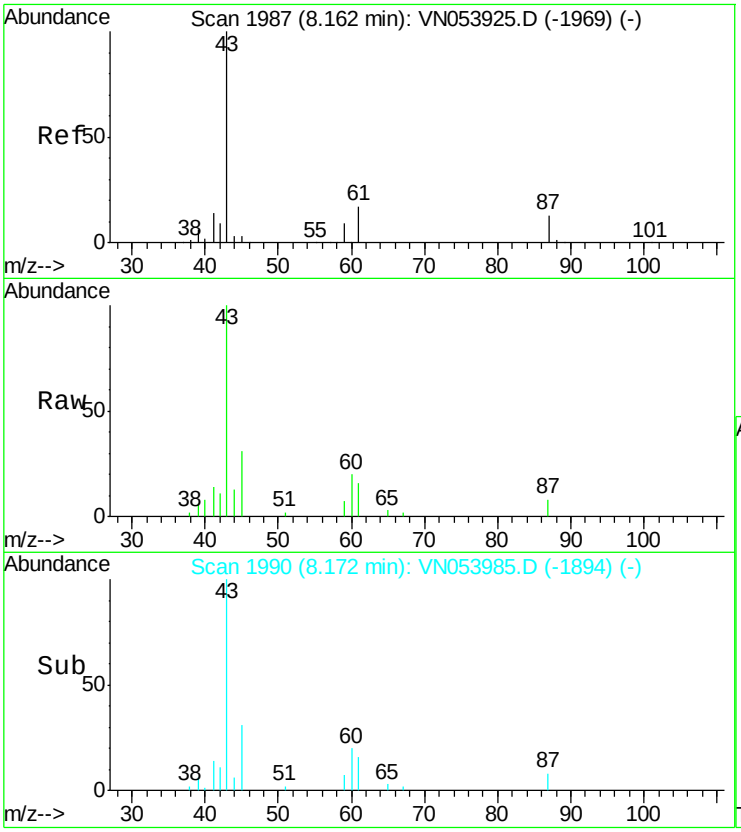


#35
Dibromofluoromethane
Concen: 49.863 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion:113 Resp: 364110

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	20.9	18.8	28.2



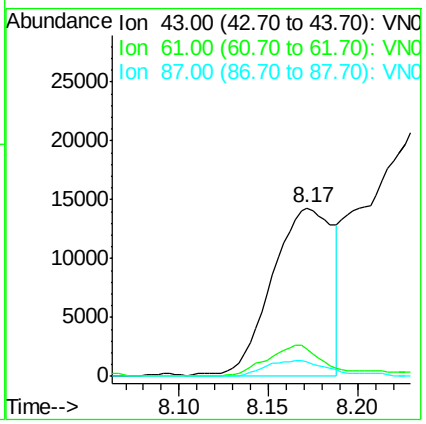


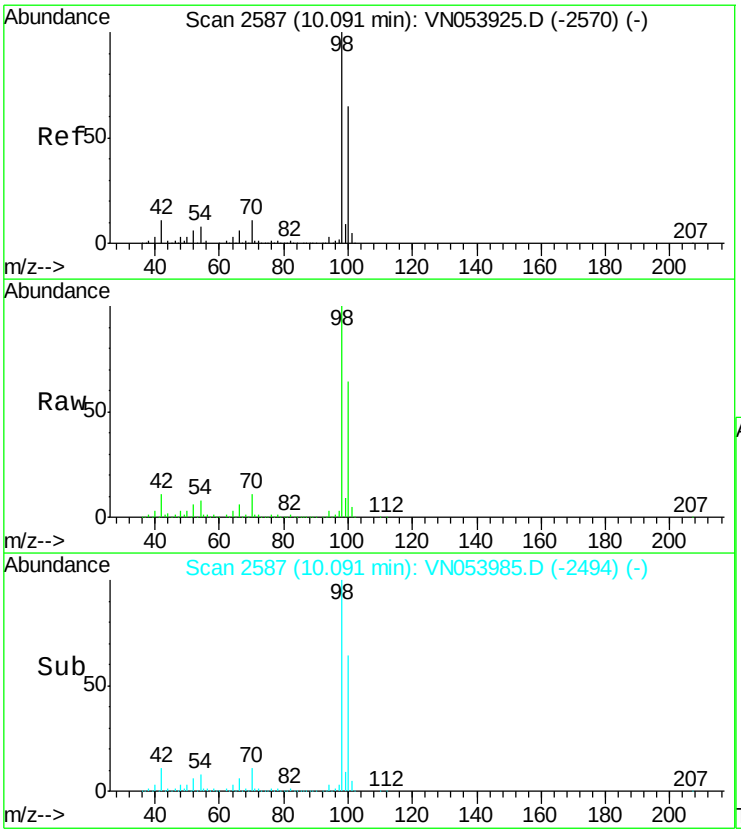
#43
Isopropyl Acetate
Concen: 2.679 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument : MSVOA_N
ClientSampleId : 50153

Tgt Ion: 43 Resp: 33919

Ion	Ratio	Lower	Upper
43	100		
61	17.5	17.4	26.0
87	9.1	11.5	17.3#

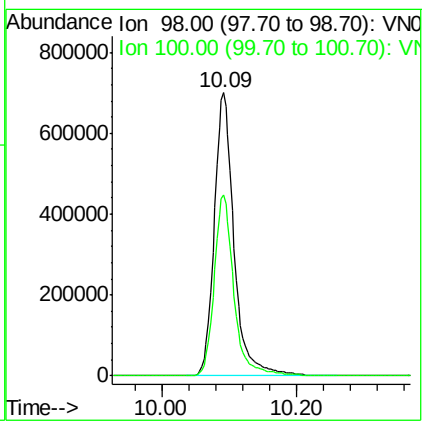


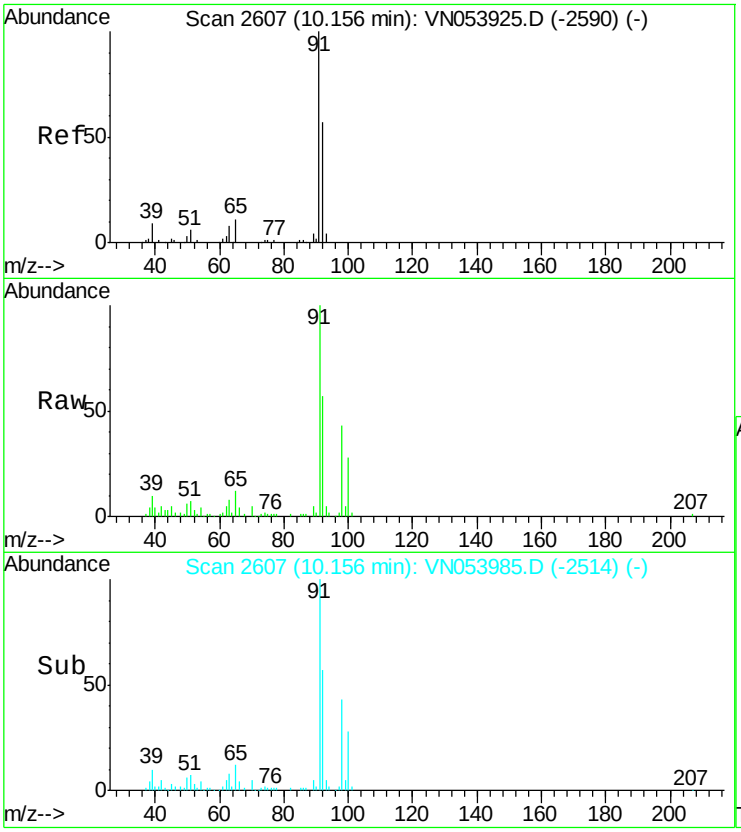


#50
Toluene-d8
Concen: 52.767 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 98 Resp: 1434367

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.9	77.9



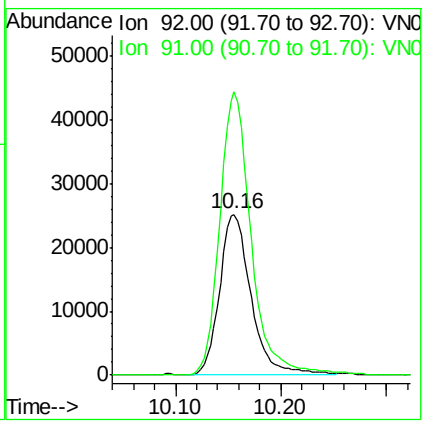


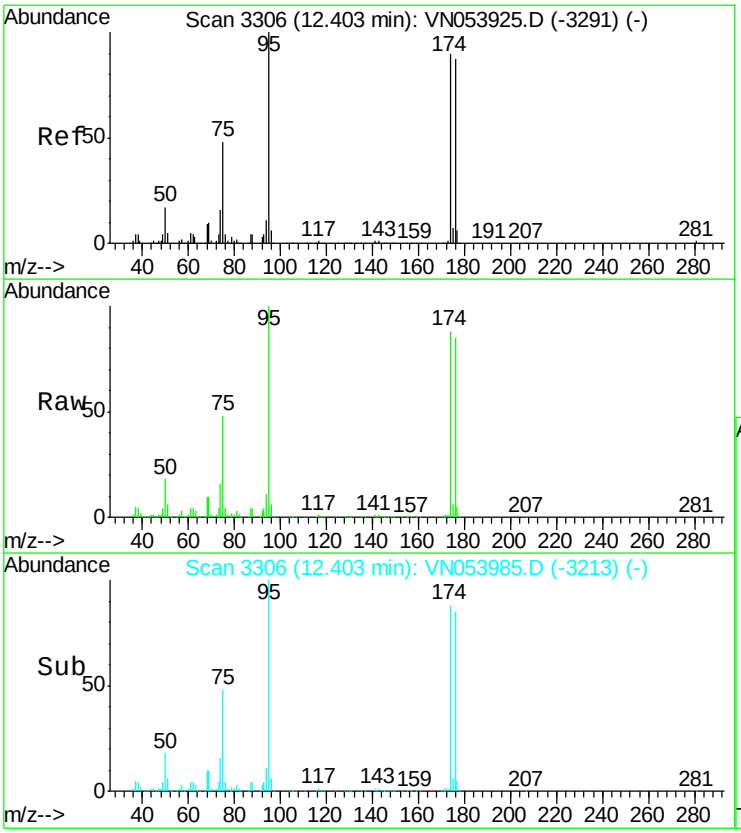
#52
Toluene
Concen: 2.757 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument :
MSVOA_N
ClientSampleId :
50153

Tgt Ion: 92 Resp: 52368

Ion	Ratio	Lower	Upper
92	100		
91	175.1	138.4	207.6

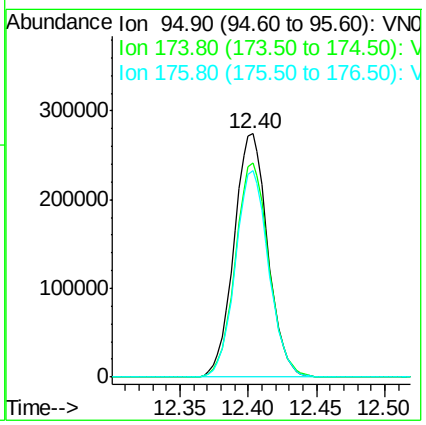


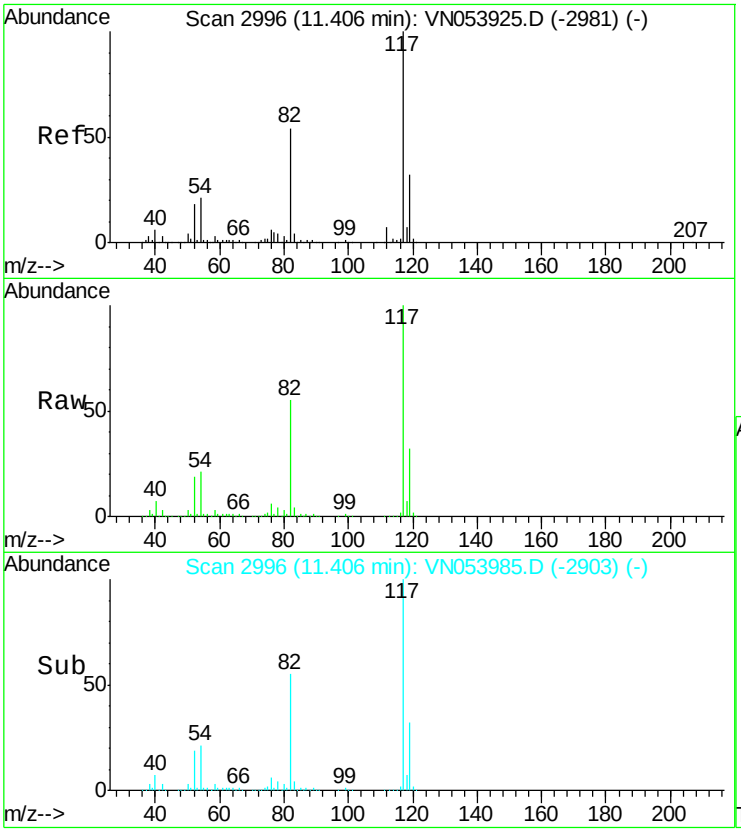


#62
4-Bromofluorobenzene
Concen: 52.043 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 95 Resp: 471332

Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	188.8
176	84.0	0.0	182.6



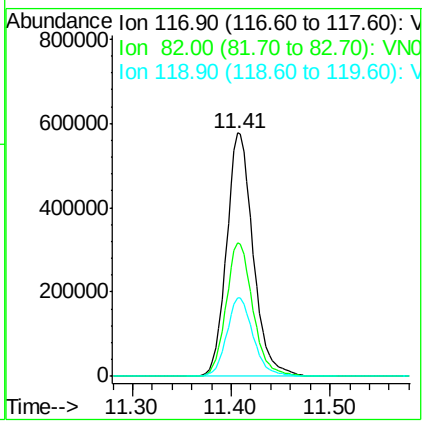


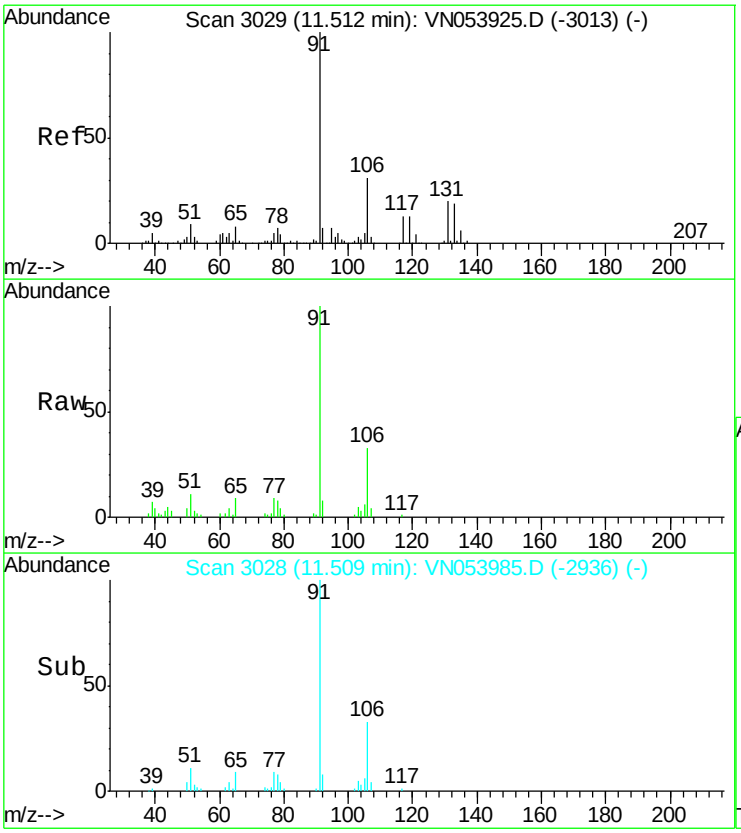
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument : MSVOA_N
ClientSampleId : 50153

Tgt Ion:117 Resp: 1085046

Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.4	62.2
119	32.3	25.3	37.9

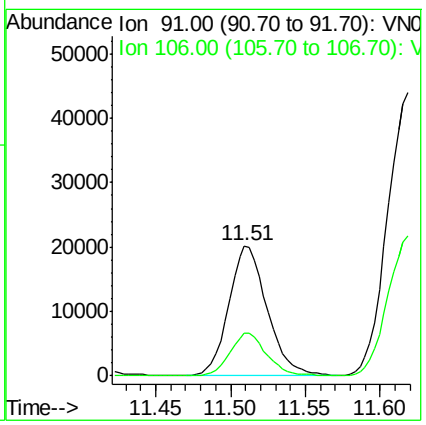


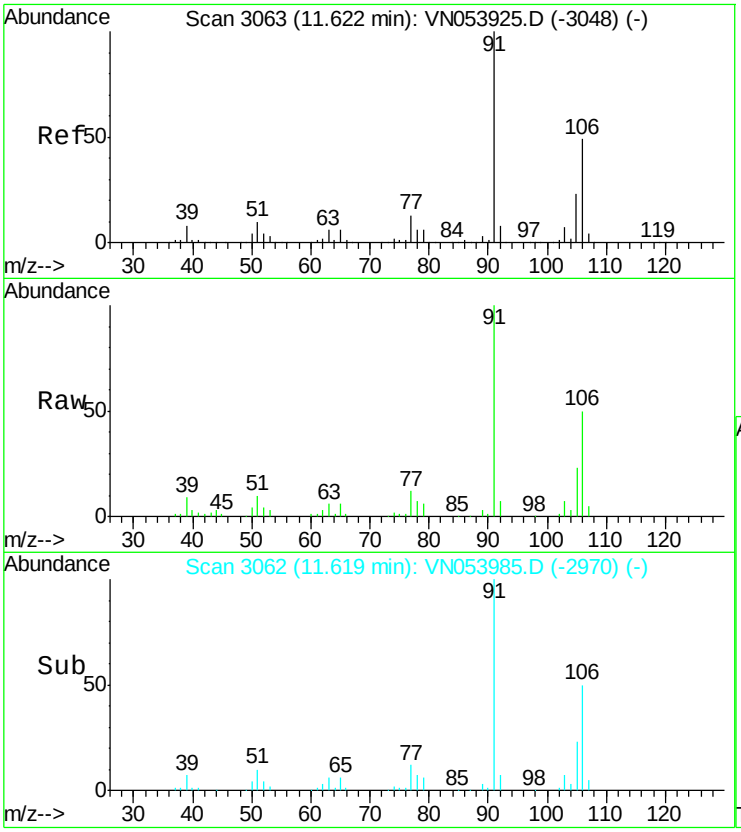


#67
Ethyl Benzene
Concen: 0.941 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 91 Resp: 36141

Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.2	37.8



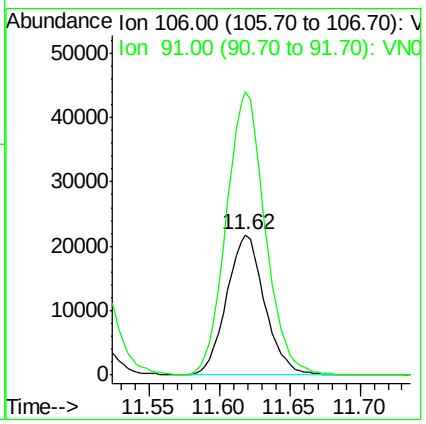


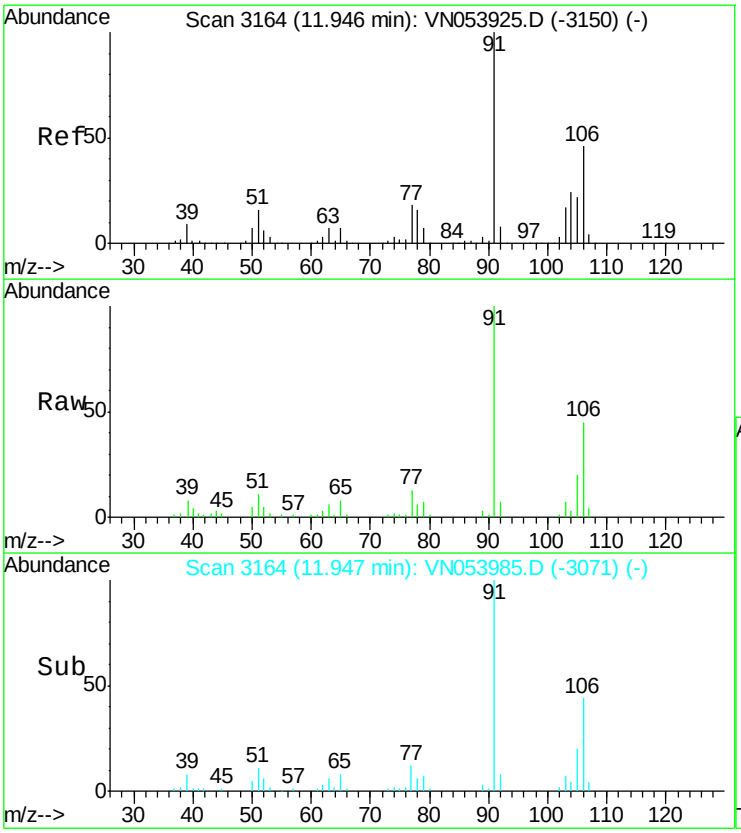
#68
m/p-Xylenes
Concen: 2.832 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument : MSVOA_N
ClientSampleId : 50153

Tgt Ion:106 Resp: 41036

Ion	Ratio	Lower	Upper
106	100		
91	206.5	158.9	238.3

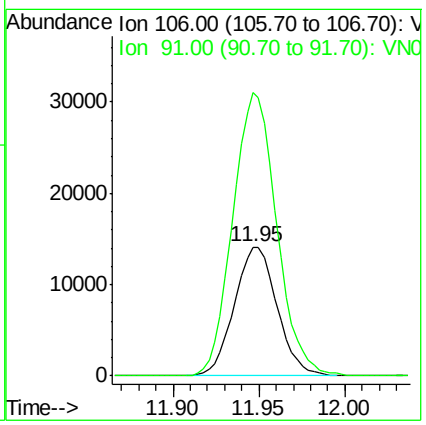


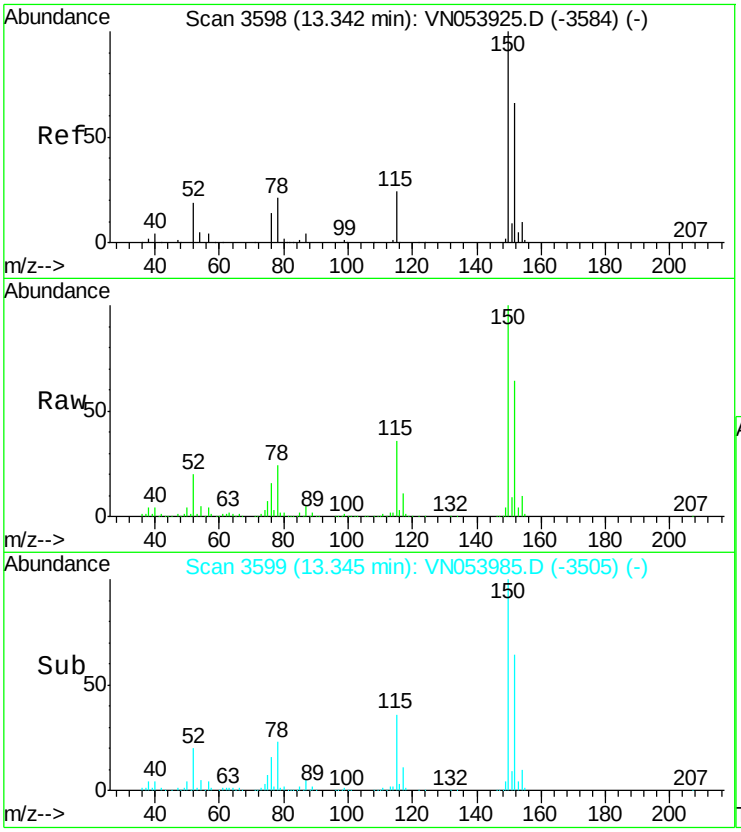


#69
o-Xylene
Concen: 1.712 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion:106 Resp: 24376

Ion	Ratio	Lower	Upper
106	100		
91	225.2	106.0	318.0



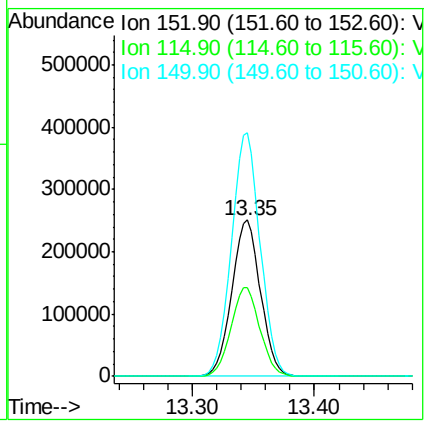


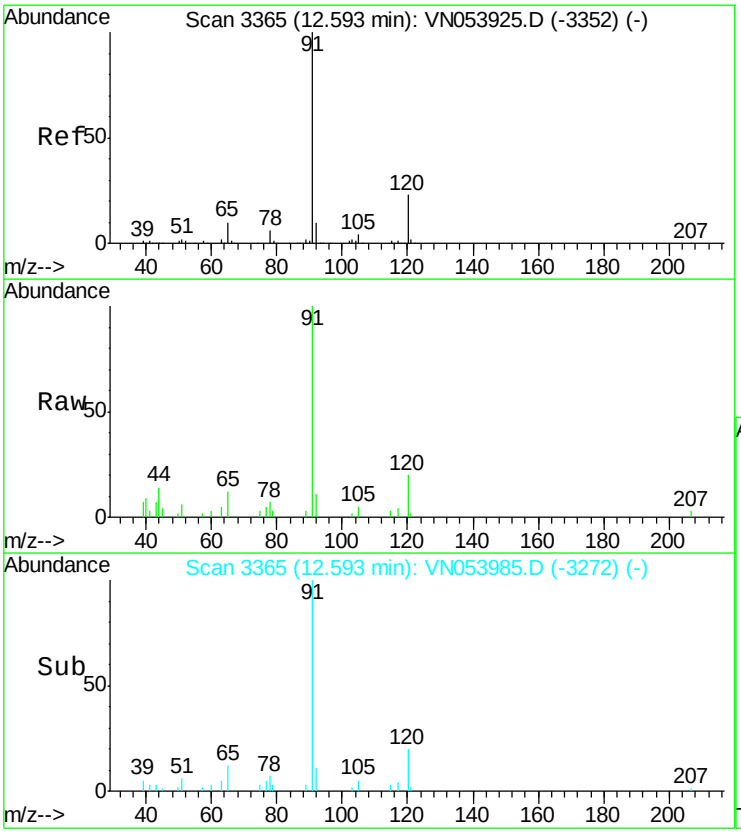
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument : MSVOA_N
ClientSampleId : 50153

Tgt Ion:152 Resp: 410935

Ion	Ratio	Lower	Upper
152	100		
115	57.3	27.2	81.6
150	155.5	0.0	348.2

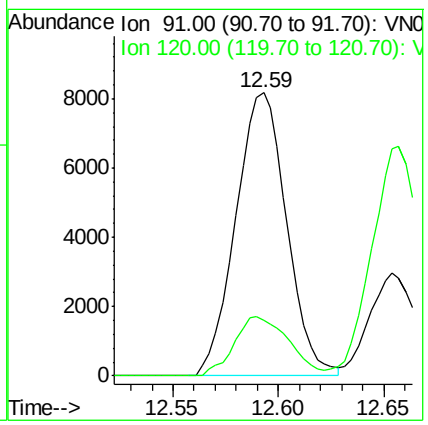


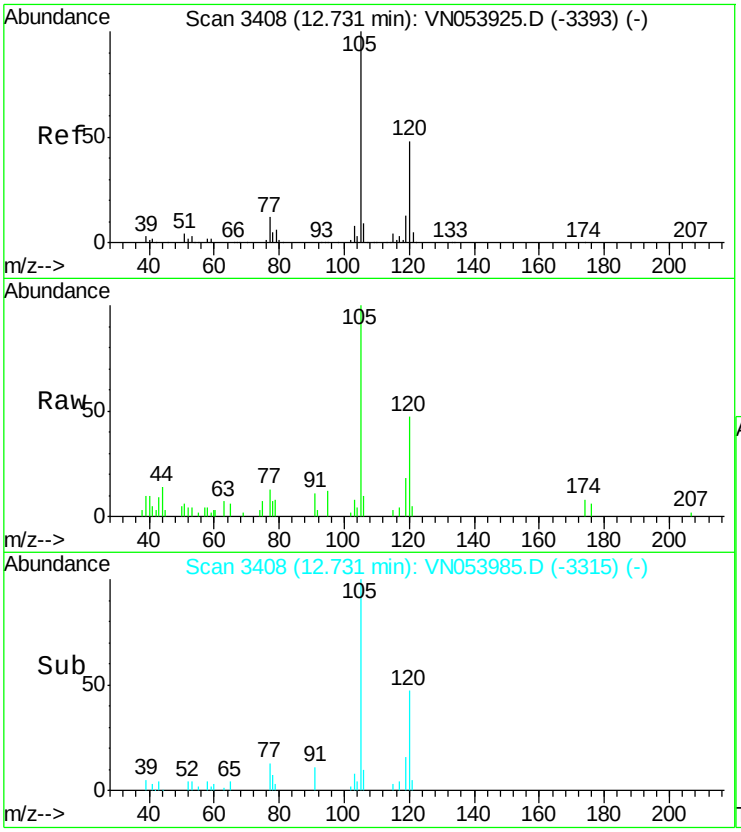


#78
n-propylbenzene
Concen: 0.376 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion: 91 Resp: 13694

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.9	35.9



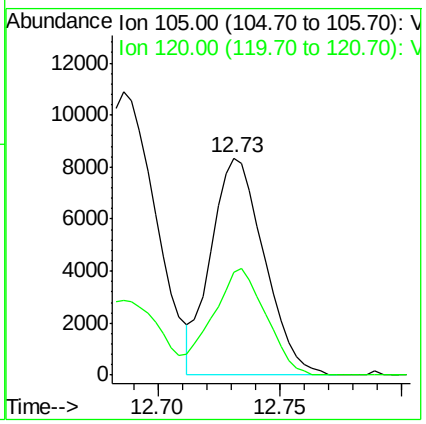


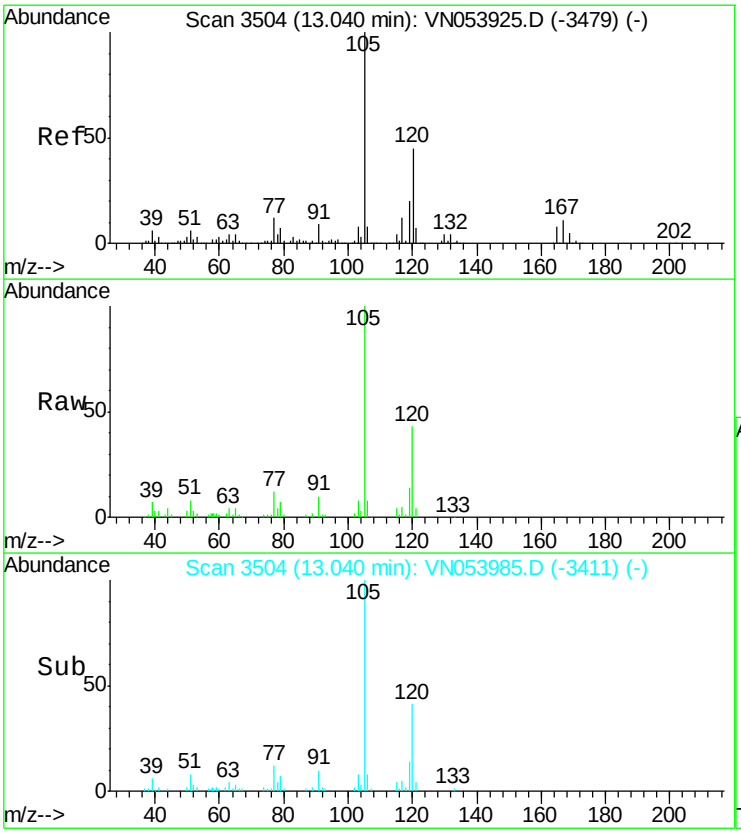
#80
1,3,5-Trimethylbenzene
Concen: 0.485 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument :
MSVOA_N
ClientSampleId :
50153

Tgt Ion:105 Resp: 12699

Ion	Ratio	Lower	Upper
105	100		
120	49.6	25.1	75.2

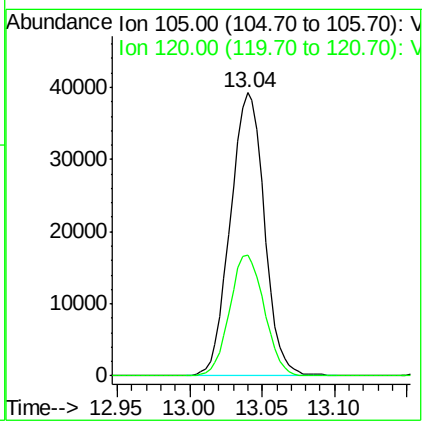


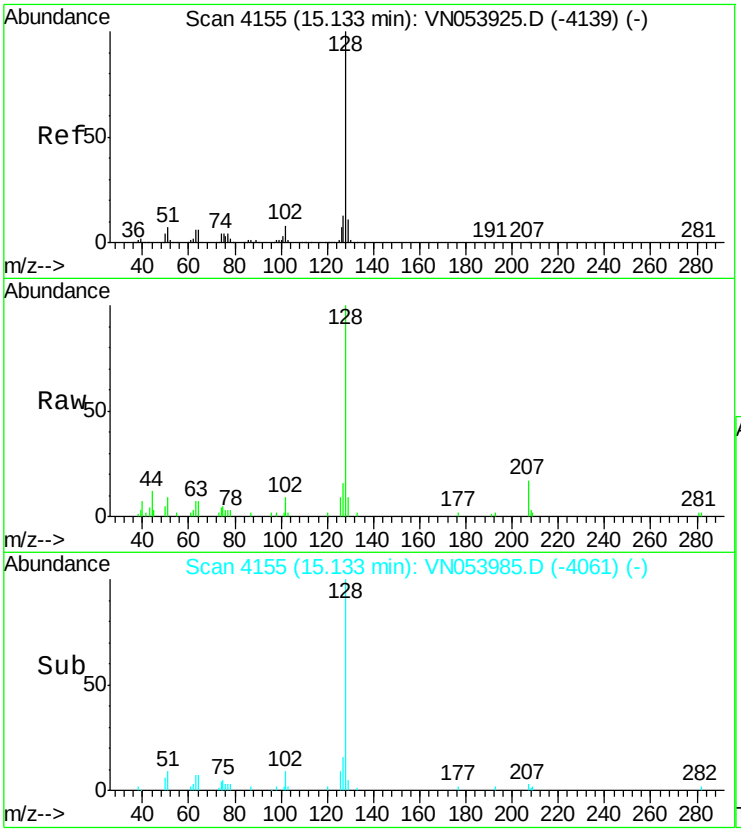


#84
1,2,4-Trimethylbenzene
Concen: 2.449 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Tgt Ion:105 Resp: 64029

Ion	Ratio	Lower	Upper
105	100		
120	43.3	23.2	69.5





#95
Naphthalene
Concen: 4.229 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053985.D
Acq: 27 Feb 2019 22:51

Instrument :
MSVOA_N
ClientSampleId :
50153

Tgt Ion:128 Resp: 17679

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	11.9	8.6	12.8