Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052939.D
Acq On : 17 Dec 2018 20:31
Operator : MD\SY
Sample : J6425-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : WC-20181214

Quant Time: Dec 18 06:24:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1236832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1898354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1708561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	766379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	614912	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.52%			
35) Dibromofluoromethane	7.59	113	476713	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.98%			
50) Toluene-d8	10.09	98	2331198	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.48%			
62) 4-Bromofluorobenzene	12.40	95	798058	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.52%			
Target Compounds						Qvalue
16) Acetone	3.82	43	405740	137.370	ug/l	95
20) Methylene Chloride	4.55	84	62150	4.676	ug/l	99
25) 2-Butanone	6.84	43	68691	14.988	ug/l	98
37) Ethyl Acetate	6.93	43	72603	6.913	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1006213	101.916	ug/l	100
52) Toluene	10.16	92	4238723	133.386	ug/l	100
64) Tetrachloroethene	10.63	164	64864	4.417	ug/l	99
67) Ethyl Benzene	11.51	91	1886428	30.990	ug/l	100
68) m/p-Xylenes	11.62	106	4039743	176.740	ug/l	99
69) o-Xylene	11.95	106	1647631	73.820	ug/l	100
73) Isopropylbenzene	12.25	105	64190	1.122	ug/l	99
78) n-propylbenzene	12.59	91	162774	2.494	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	236731	5.125	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	619745	13.253	ug/l	100
95) Naphthalene	15.13	128	81091	2.895	ug/l	99

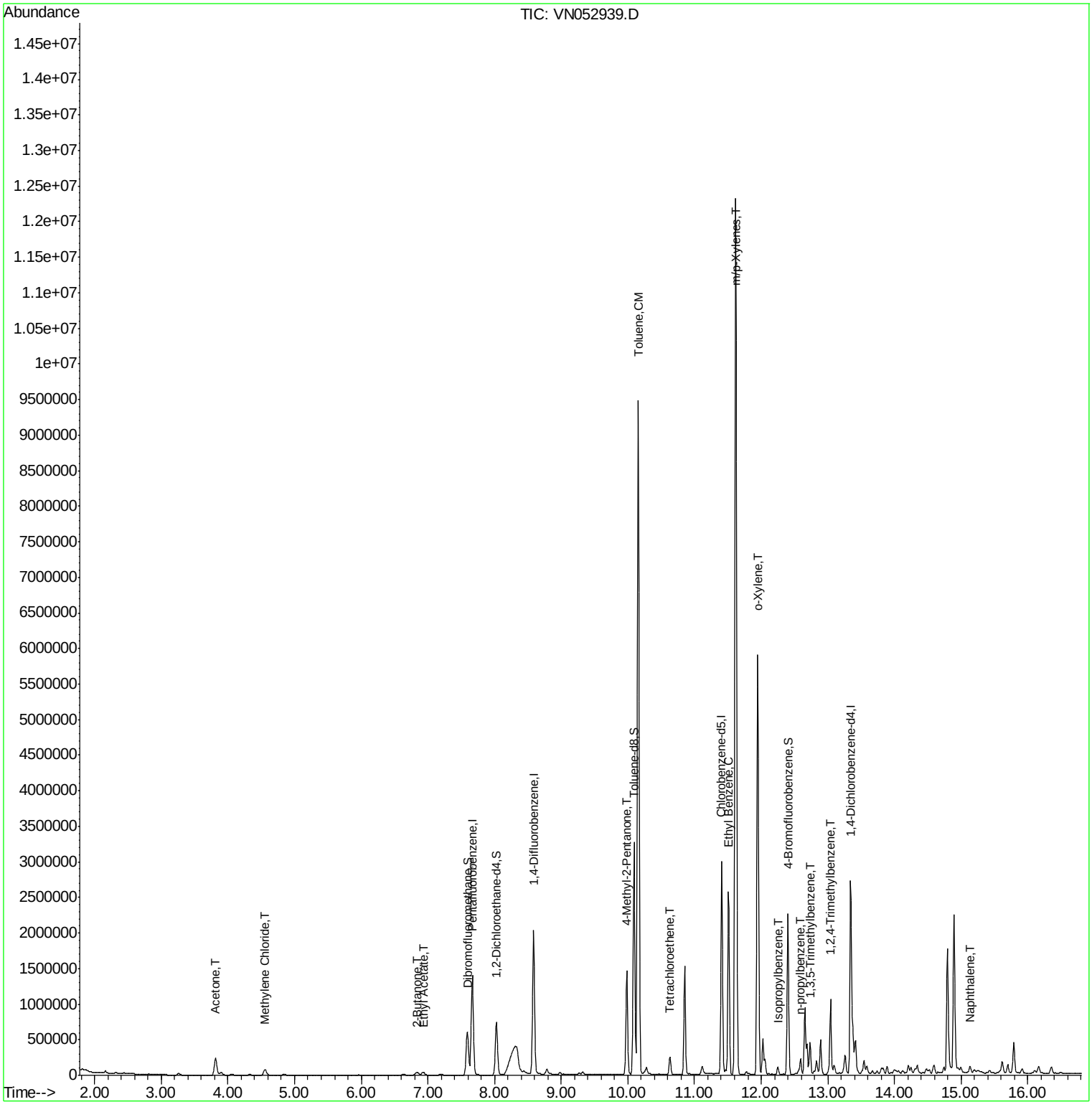
(#) = qualifier out of range (m) = manual integration (+) = signals summed

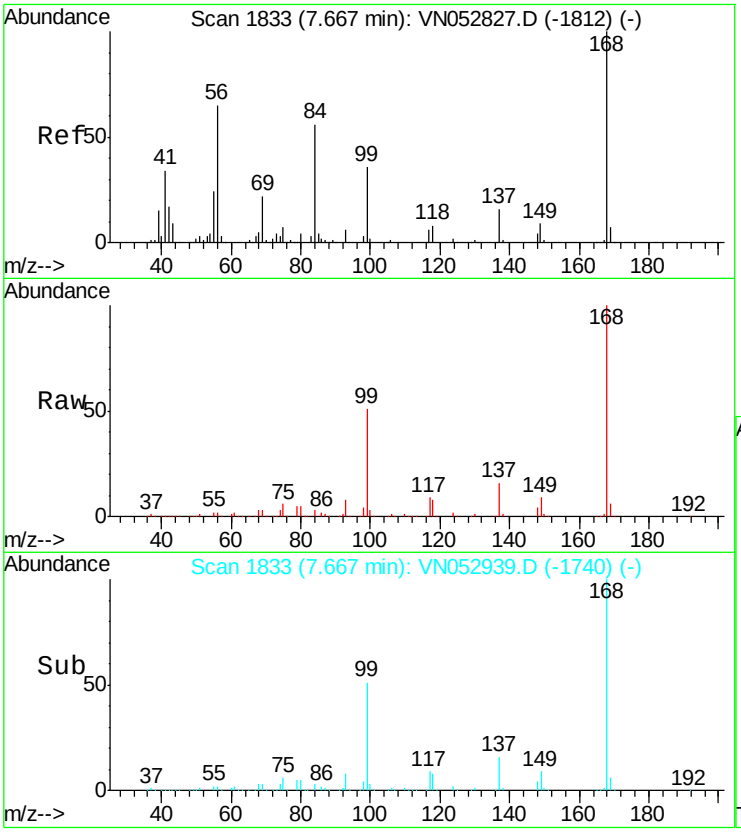
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
Data File : VN052939.D
Acq On : 17 Dec 2018 20:31
Operator : MD\SY
Sample : J6425-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
WC-20181214

Quant Time: Dec 18 06:24:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration



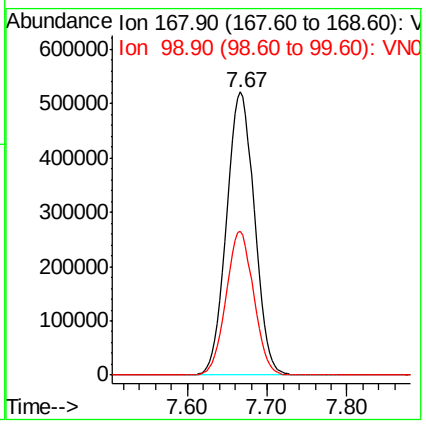


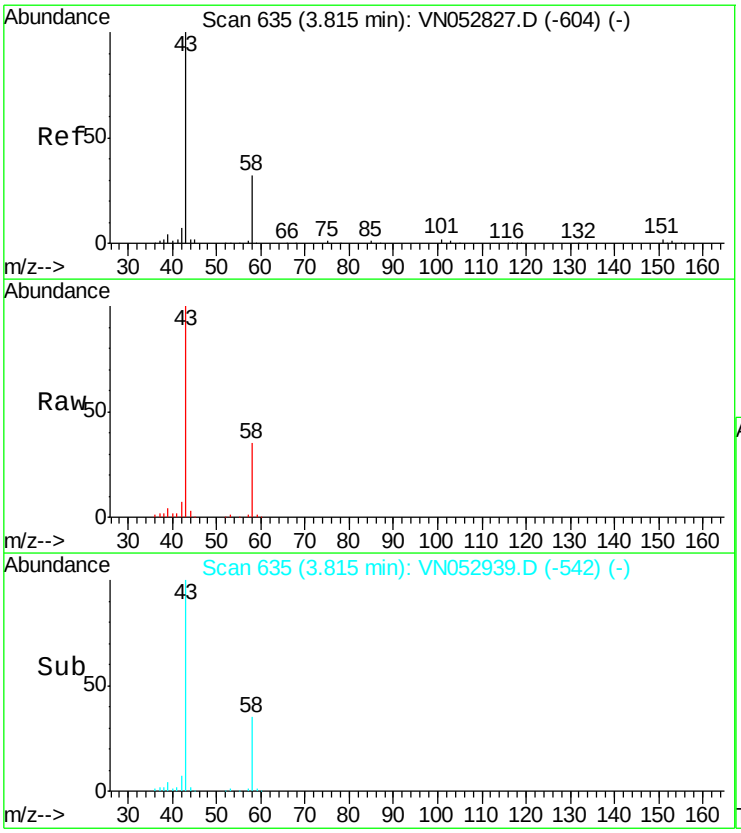
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument :
MSVOA_N
ClientSampleId :
WC-20181214

Tgt Ion:168 Resp: 1236832

Ion	Ratio	Lower	Upper
168	100		
99	51.1	40.2	60.2

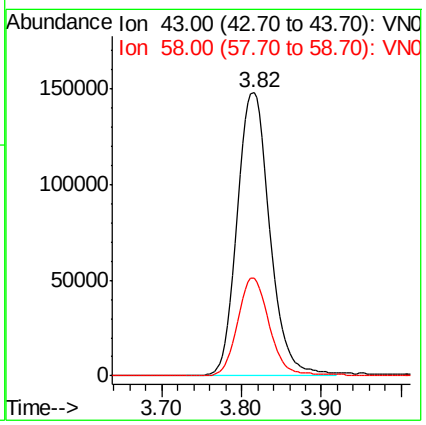


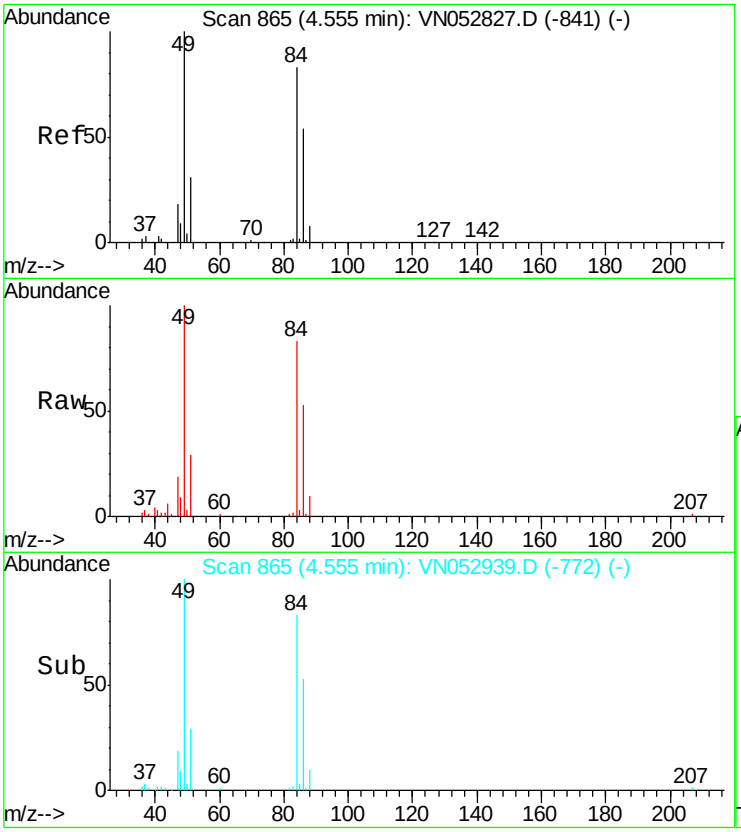


#16
Acetone
Concen: 137.370 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion: 43 Resp: 405740

Ion	Ratio	Lower	Upper
43	100		
58	34.5	25.4	38.0



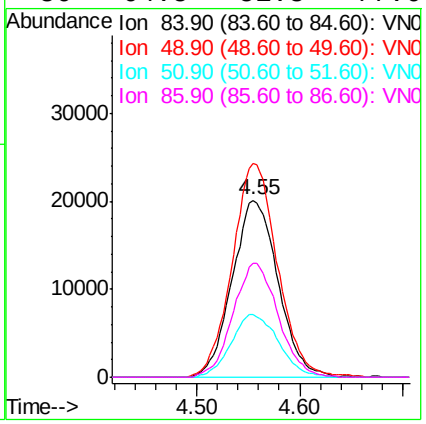


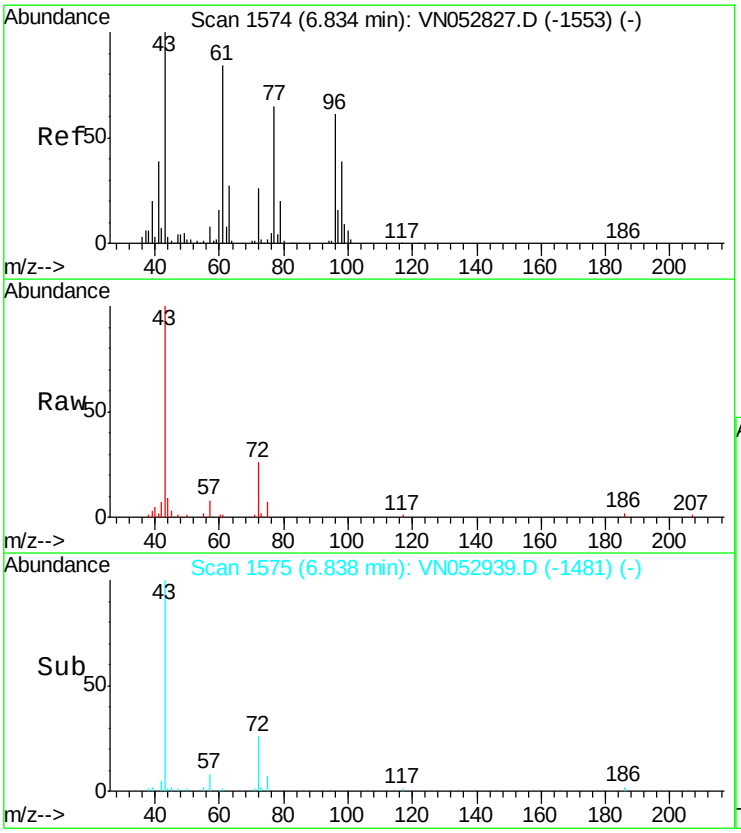
#20
Methylene Chloride
Concen: 4.676 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument : MSVOA_N
ClientSampleId : WC-20181214

Tgt Ion: 84 Resp: 62150

Ion	Ratio	Lower	Upper
84	100		
49	120.7	96.8	145.2
51	35.3	29.9	44.9
86	64.5	51.8	77.6

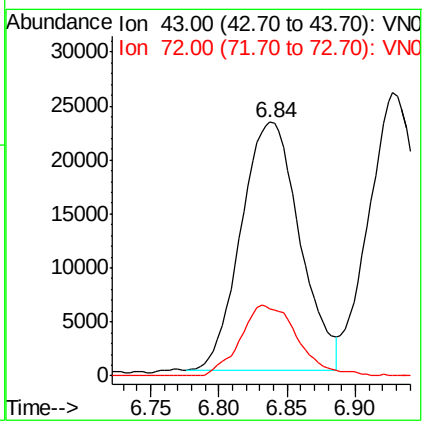


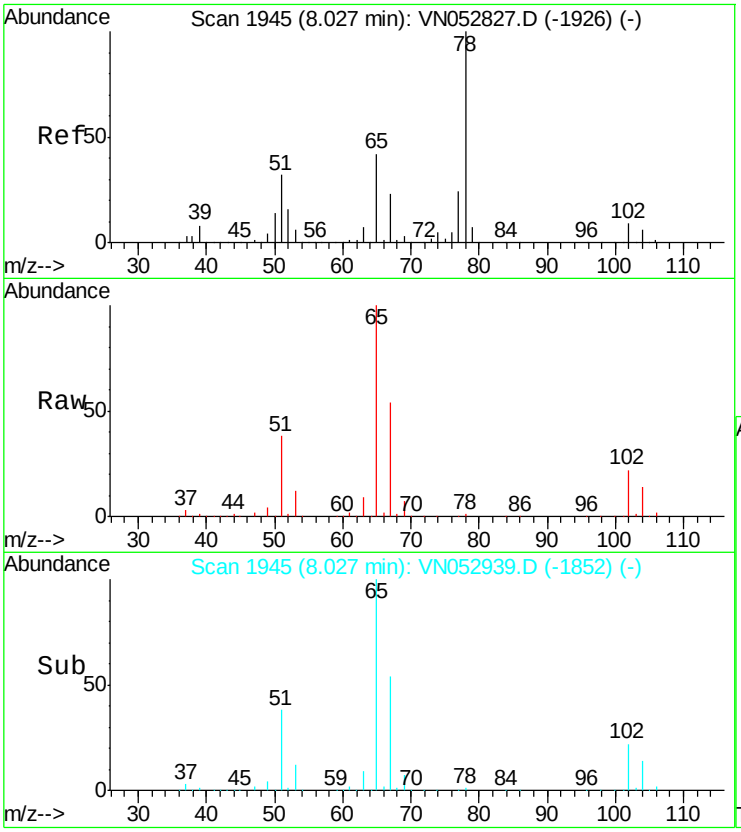


#25
2-Butanone
Concen: 14.988 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion: 43 Resp: 68691

Ion	Ratio	Lower	Upper
43	100		
72	27.1	21.0	31.6



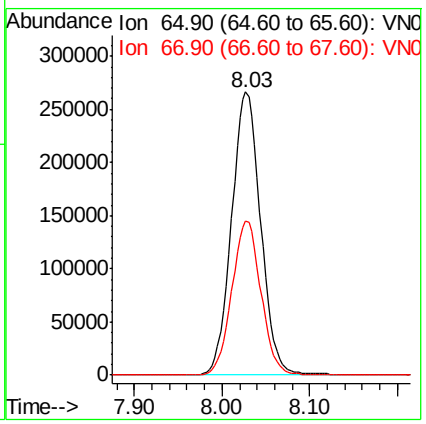


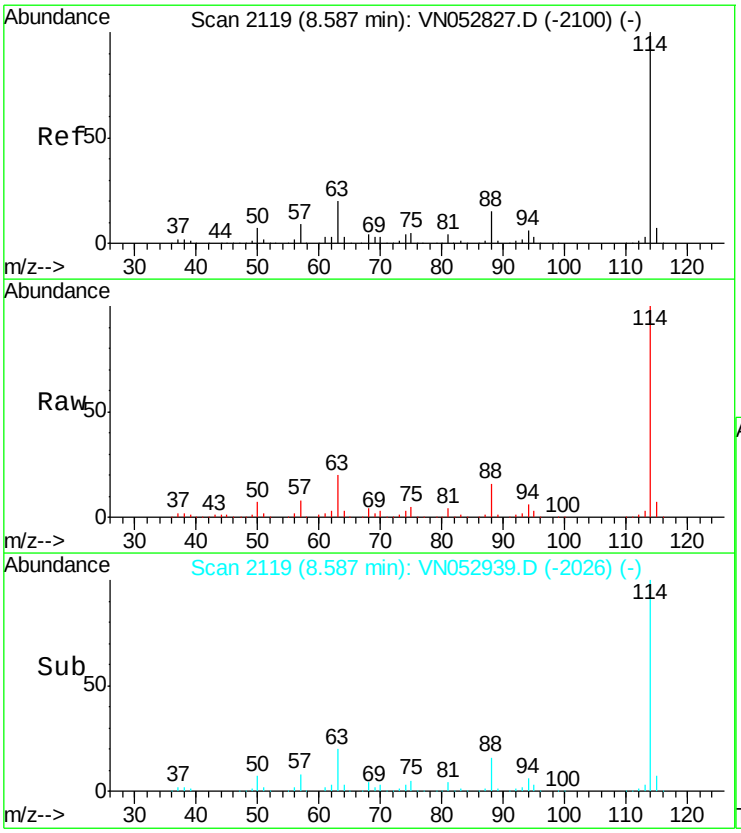
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument : MSVOA_N
ClientSampleId : WC-20181214

Tgt Ion: 65 Resp: 614912

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	110.4

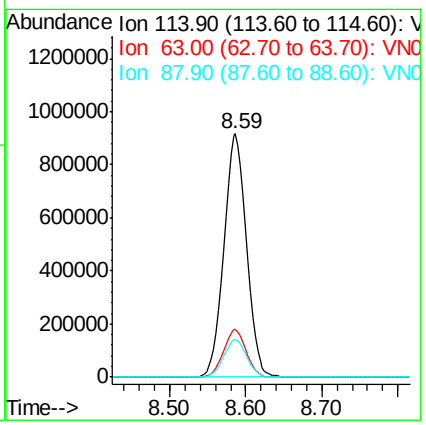


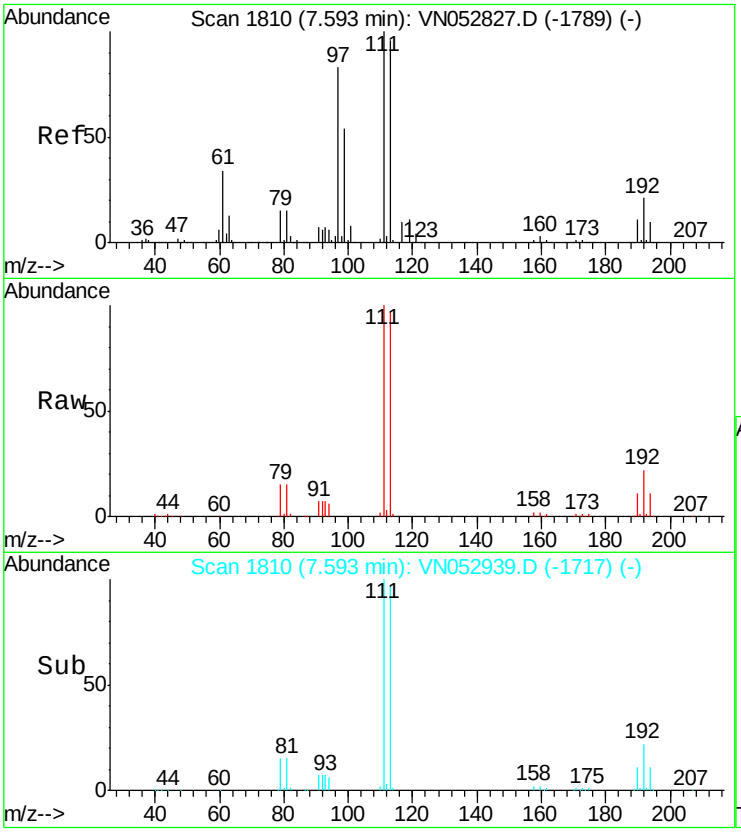


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion:114 Resp: 1898354

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.6	0.0	31.0



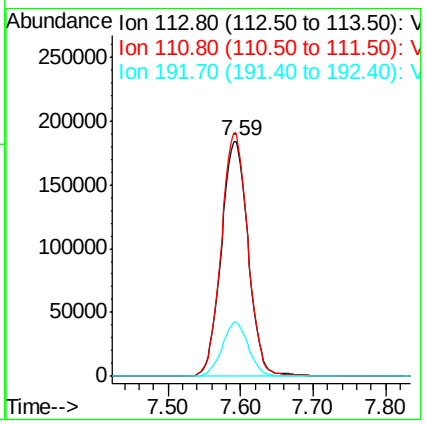


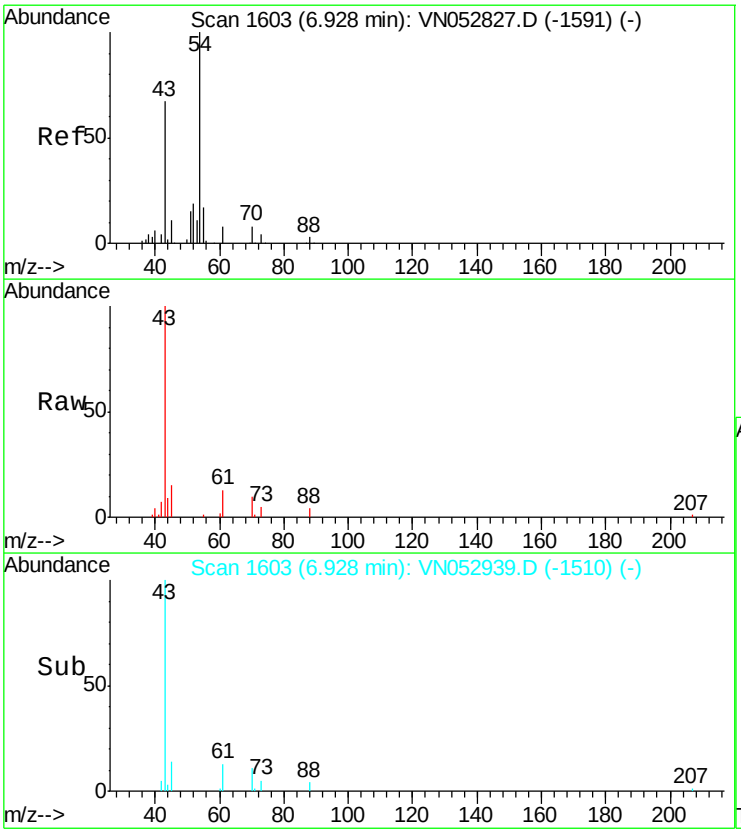
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument :
MSVOA_N
ClientSampleId :
WC-20181214

Tgt Ion:113 Resp: 476713

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.4
192	22.4	17.5	26.3

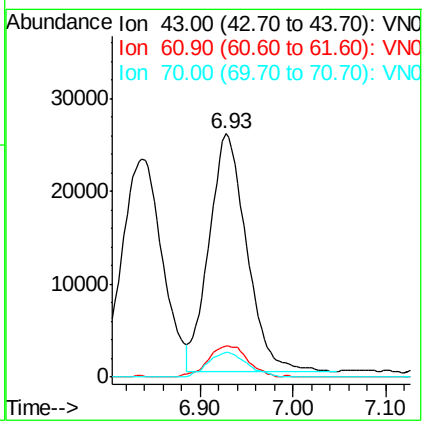


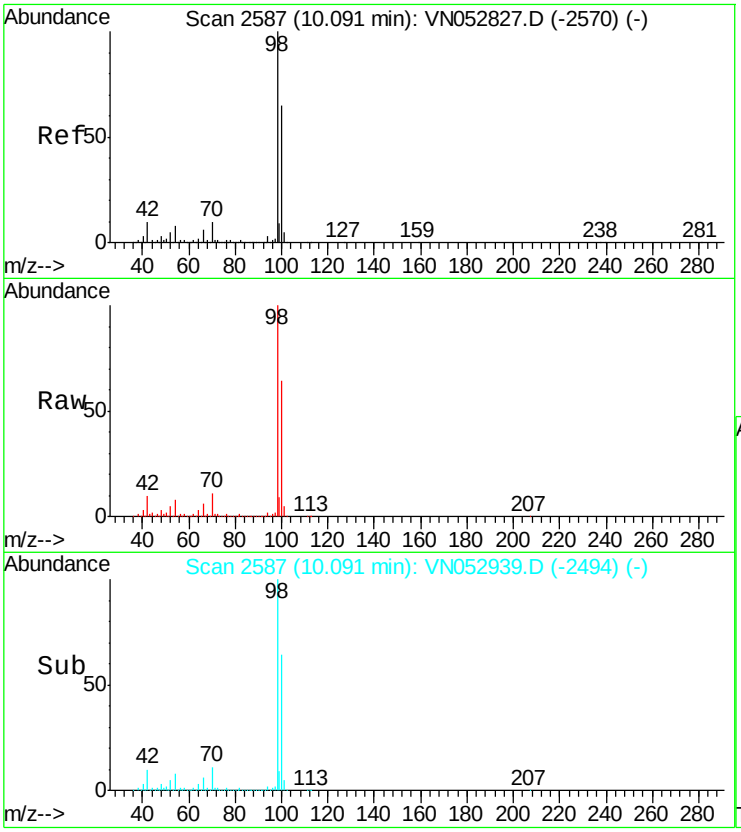


#37
Ethyl Acetate
Concen: 6.913 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion: 43 Resp: 72603

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.8	17.6
70	10.8	8.4	12.6



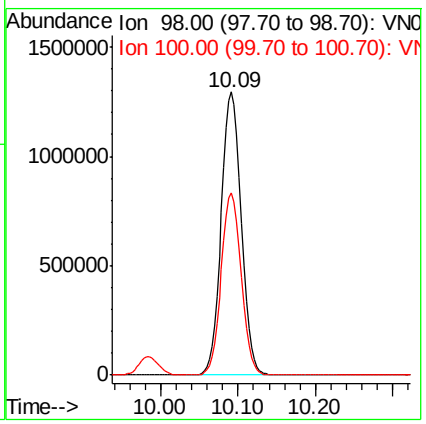


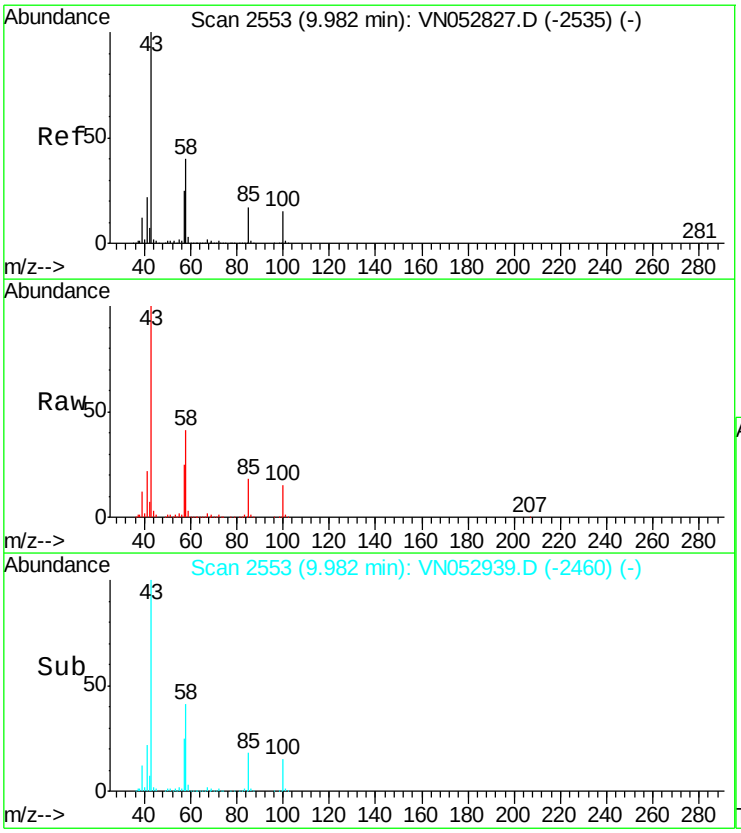
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument : MSVOA_N
ClientSampleId : WC-20181214

Tgt Ion: 98 Resp: 2331198

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

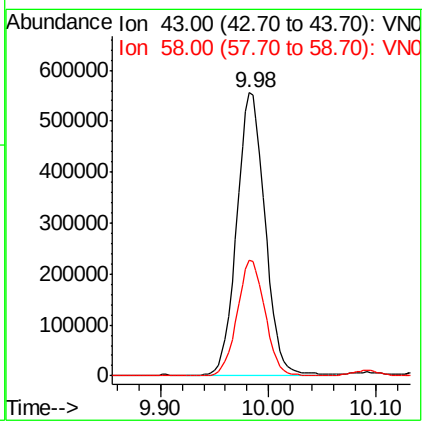


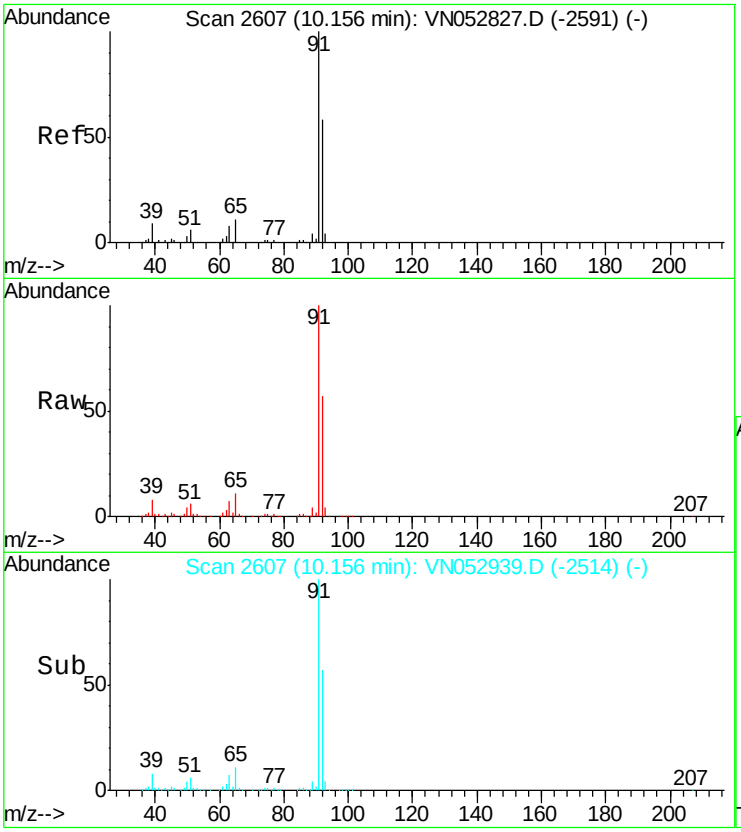


#51
4-Methyl-2-Pentanone
Concen: 101.916 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion: 43 Resp: 1006213

Ion	Ratio	Lower	Upper
43	100		
58	40.5	32.2	48.4



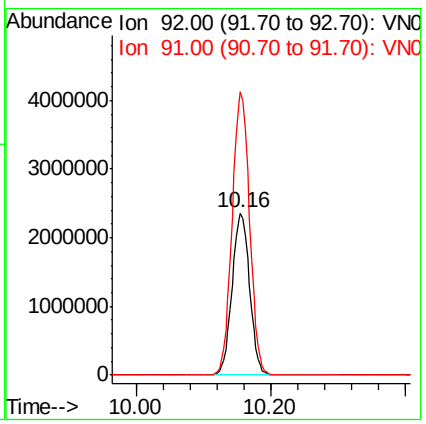


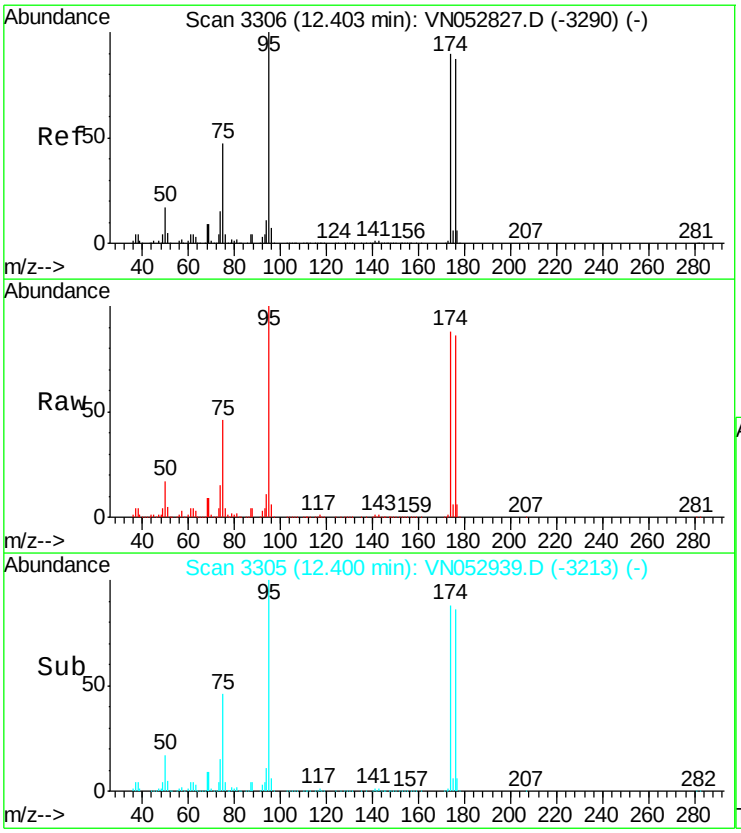
#52
Toluene
Concen: 133.386 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument : MSVOA_N
ClientSampleId : WC-20181214

Tgt Ion: 92 Resp: 4238723

Ion	Ratio	Lower	Upper
92	100		
91	174.7	139.8	209.6

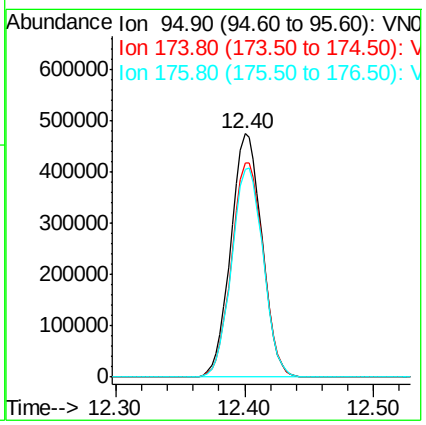


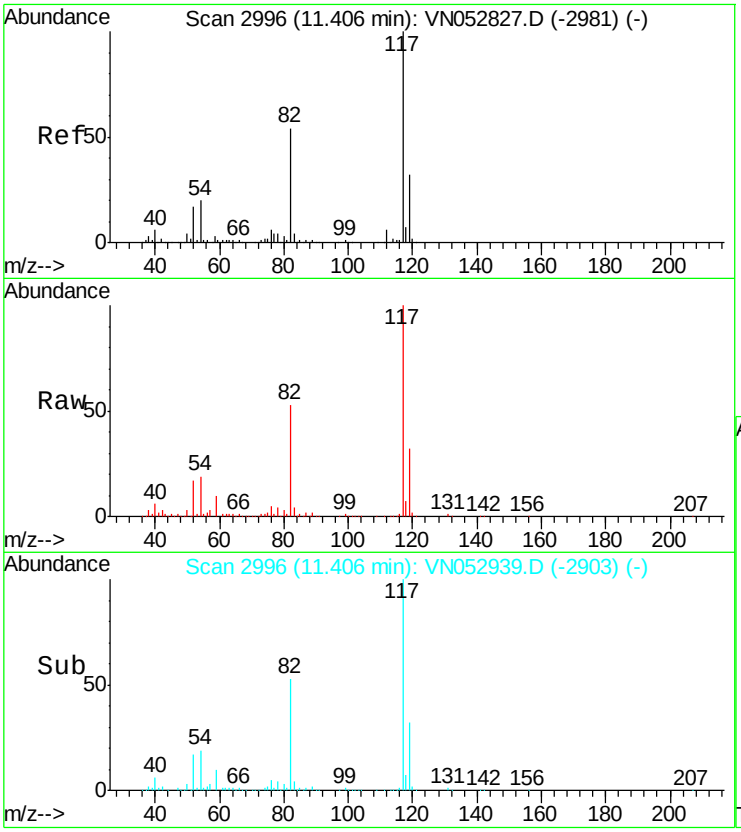


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion: 95 Resp: 798058

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	178.8
176	87.0	0.0	173.8



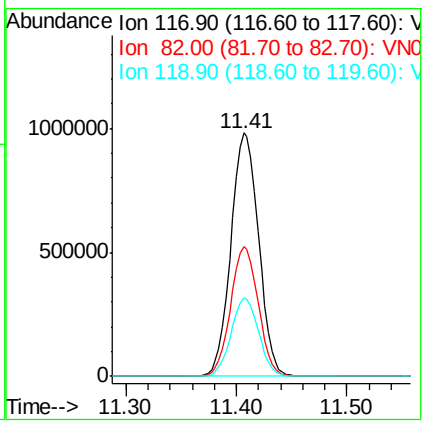


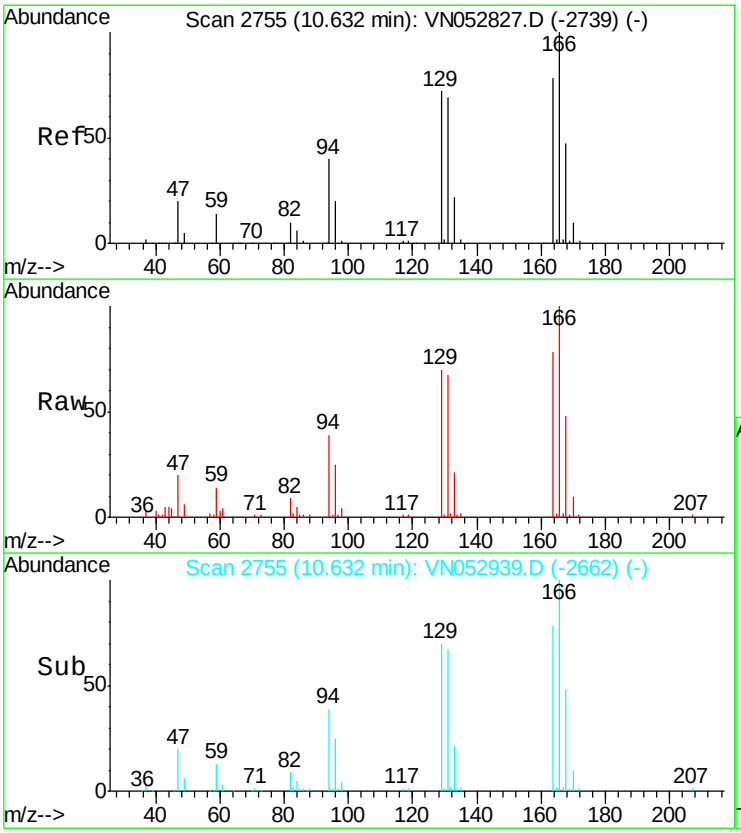
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument : MSVOA_N
ClientSampleId : WC-20181214

Tgt Ion:117 Resp: 1708561

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.8	64.2
119	32.4	25.5	38.3

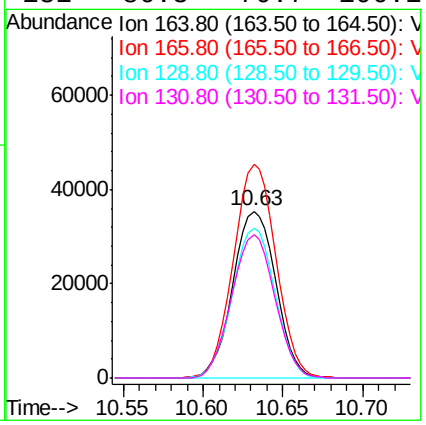


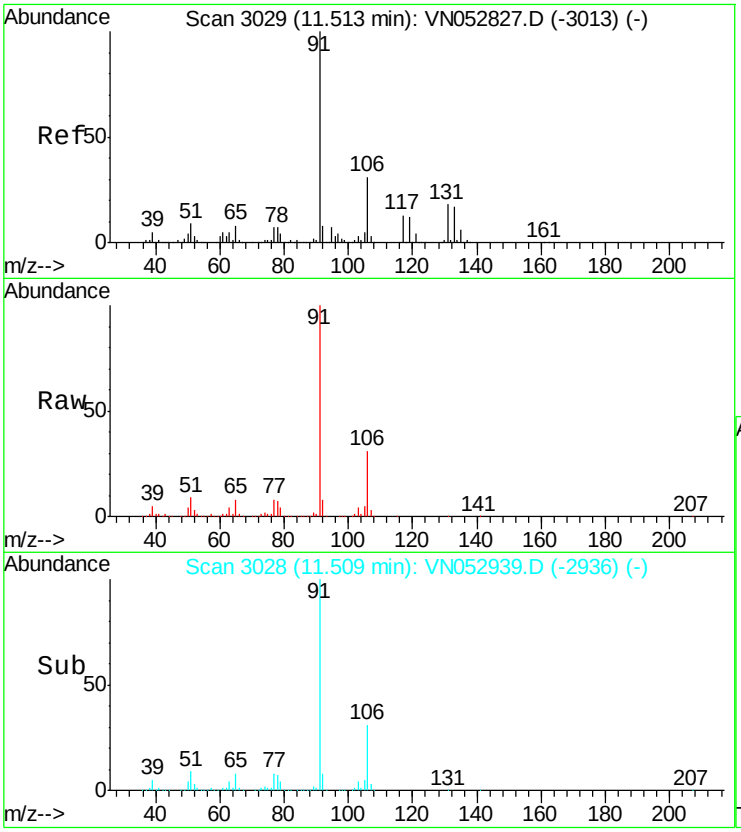


#64
Tetrachloroethene
Concen: 4.417 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion:164 Resp: 64864

Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.9	154.3
129	89.7	73.7	110.5
131	86.3	70.7	106.1



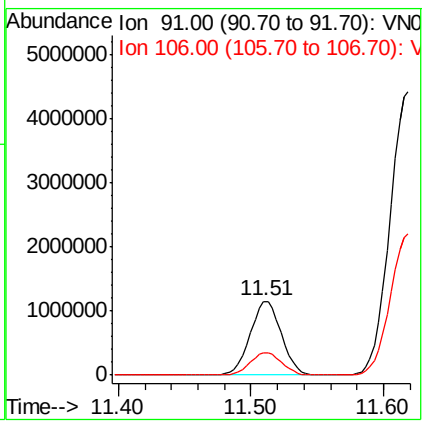


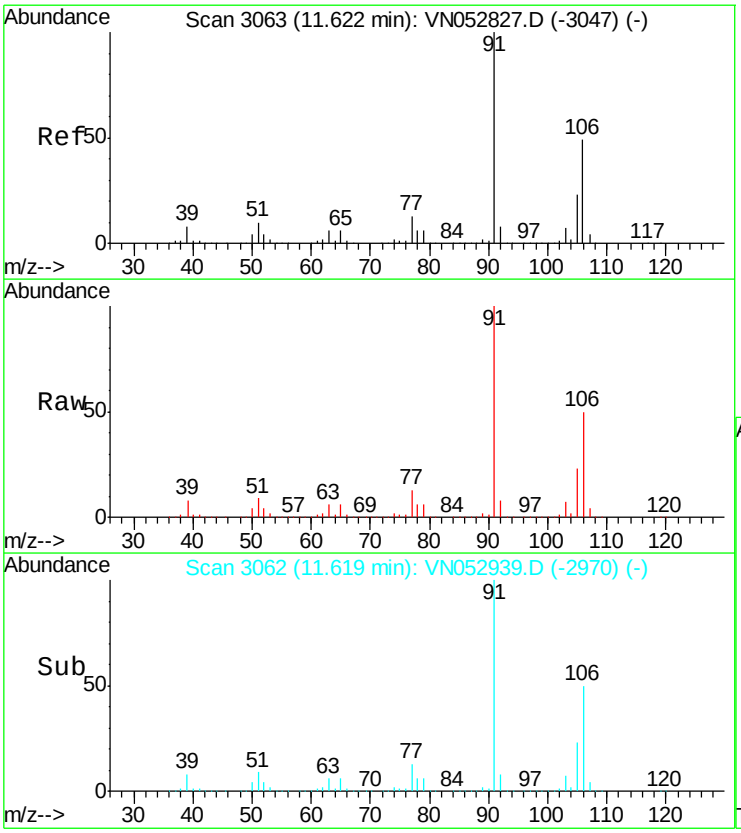
#67
Ethyl Benzene
Concen: 30.990 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument : MSVOA_N
ClientSampleId : WC-20181214

Tgt Ion: 91 Resp: 1886428

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.9	37.3

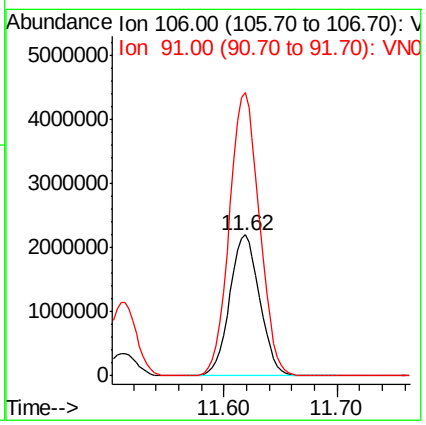


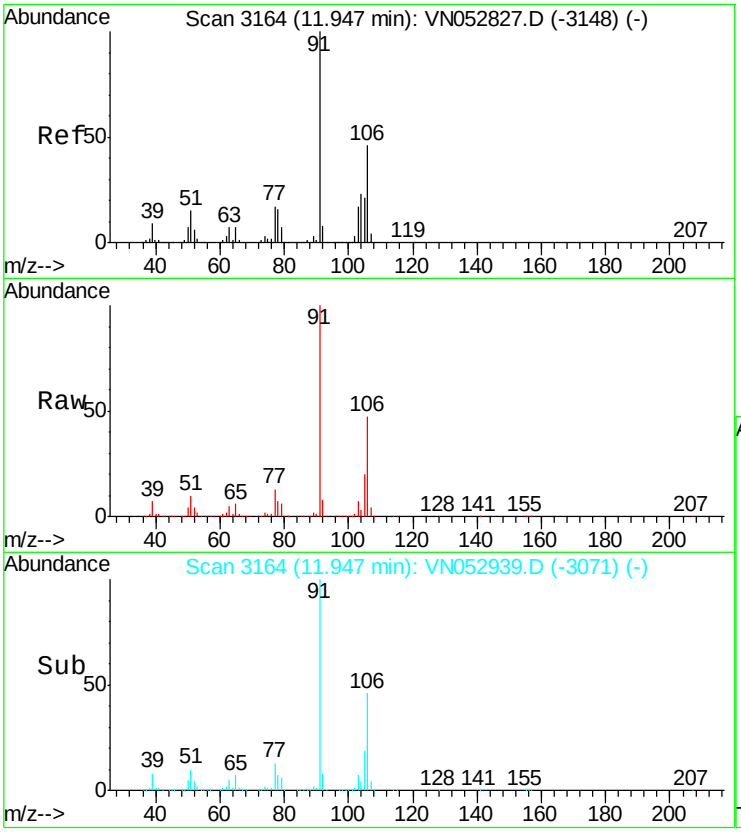


#68
m/p-Xylenes
Concen: 176.740 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion:106 Resp: 4039743

Ion	Ratio	Lower	Upper
106	100		
91	201.8	162.2	243.4



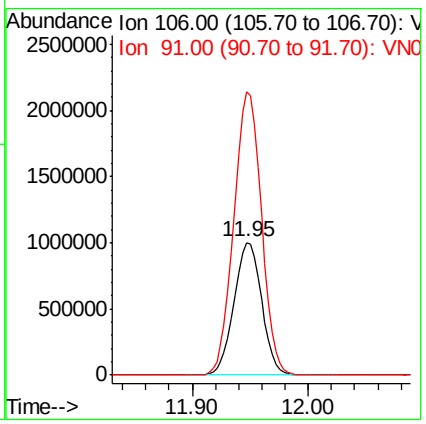


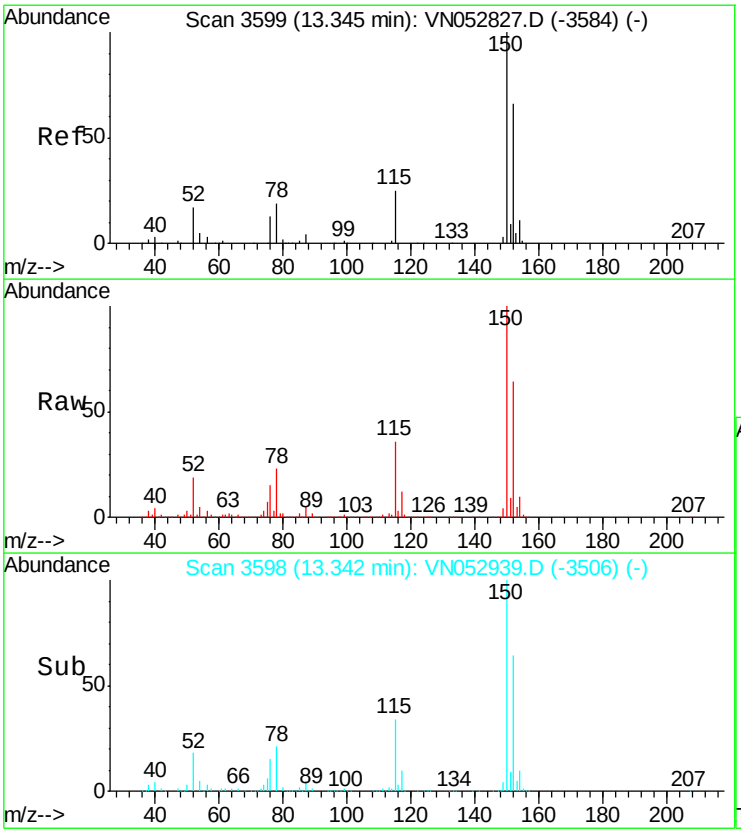
#69
o-Xylene
Concen: 73.820 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument :
MSVOA_N
ClientSampleId :
WC-20181214

Tgt Ion:106 Resp: 1647631

Ion	Ratio	Lower	Upper
106	100		
91	214.0	106.6	319.8

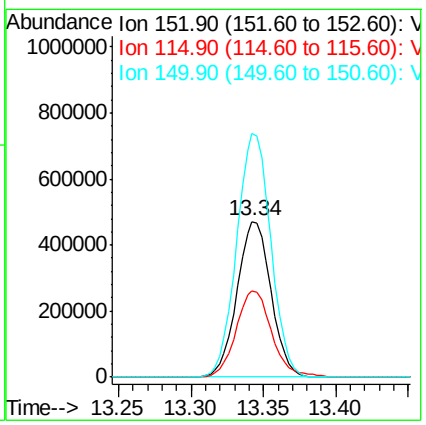


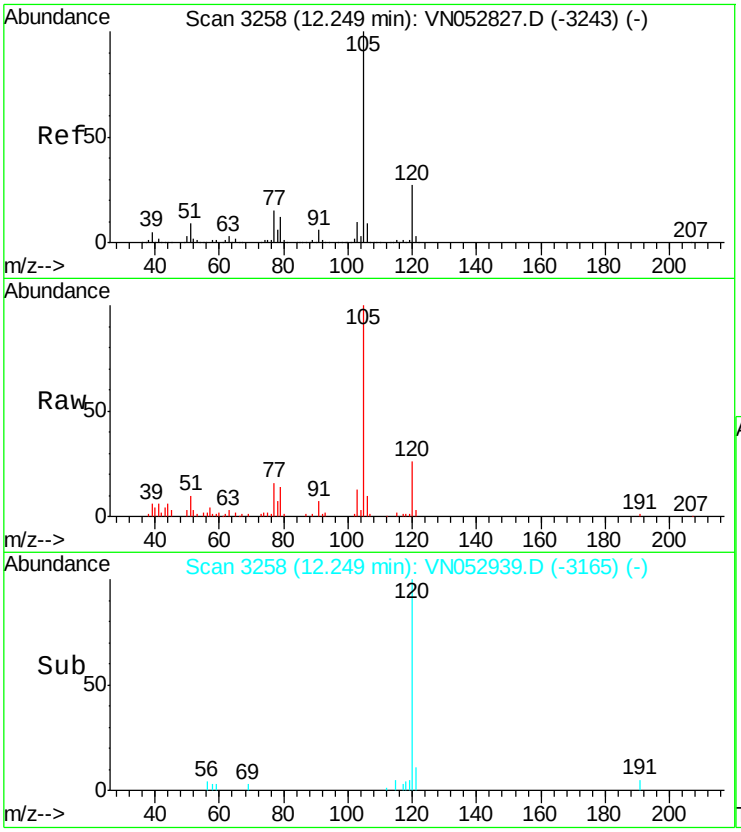


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion:152 Resp: 766379

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.3	85.0
150	157.3	0.0	347.8



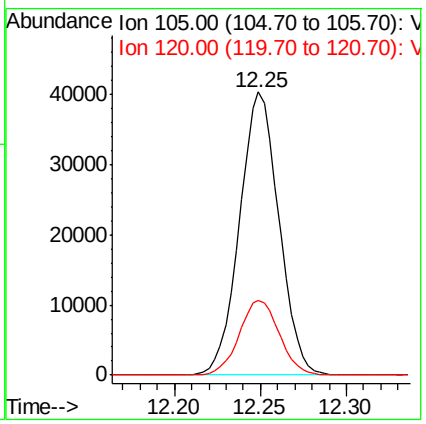


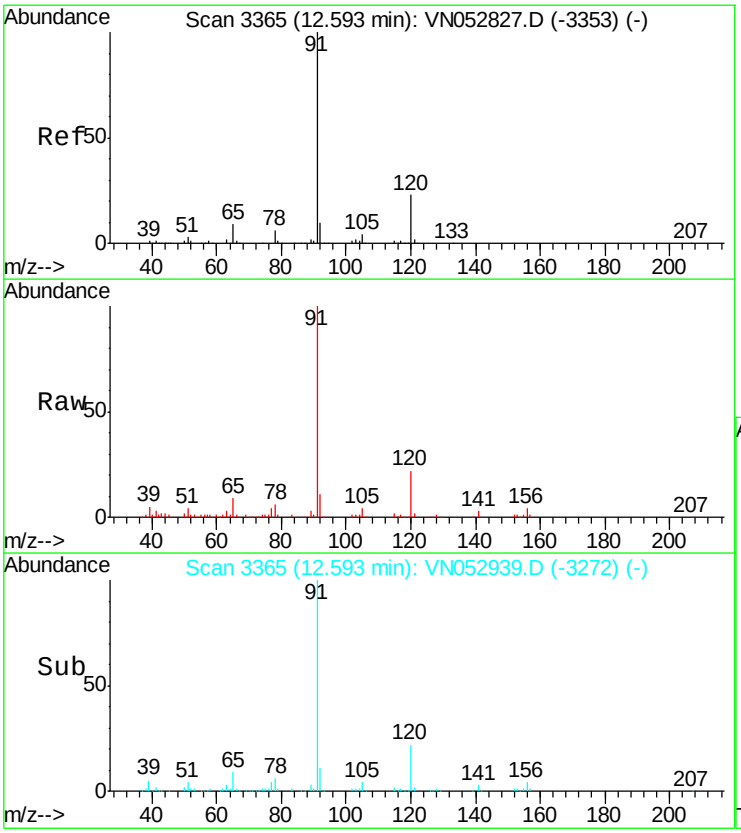
#73
Isopropylbenzene
Concen: 1.122 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument : MSVOA_N
ClientSampleId : WC-20181214

Tgt Ion:105 Resp: 64190

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9

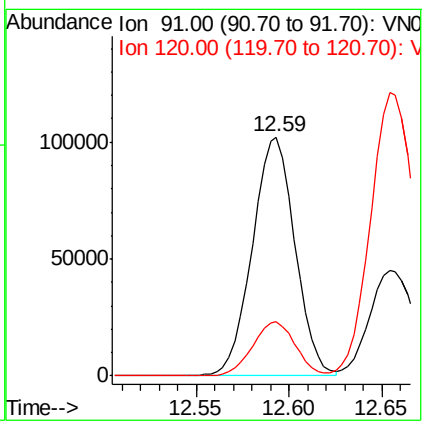


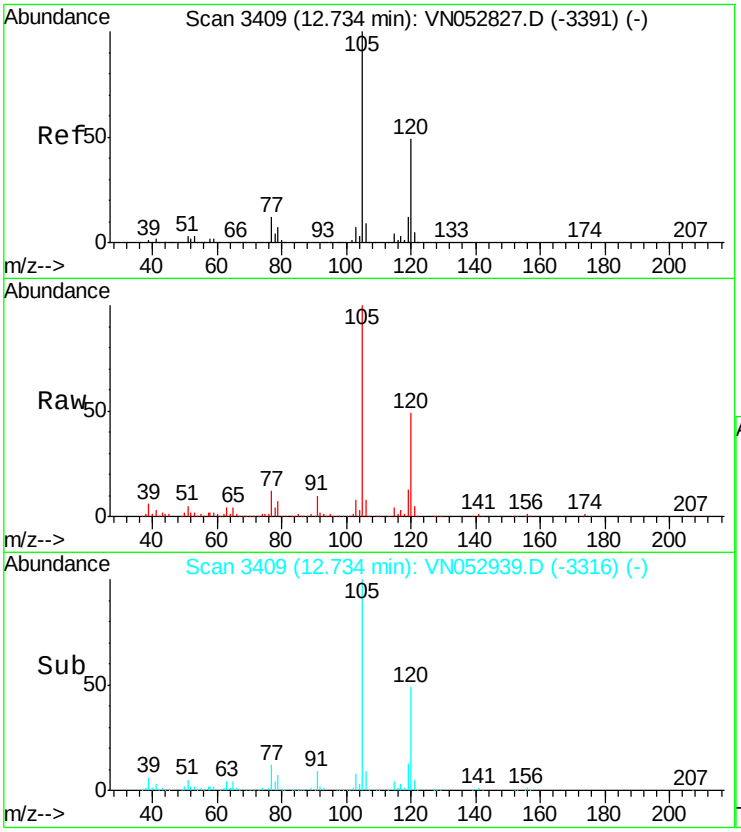


#78
n-propylbenzene
Concen: 2.494 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion: 91 Resp: 162774

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5



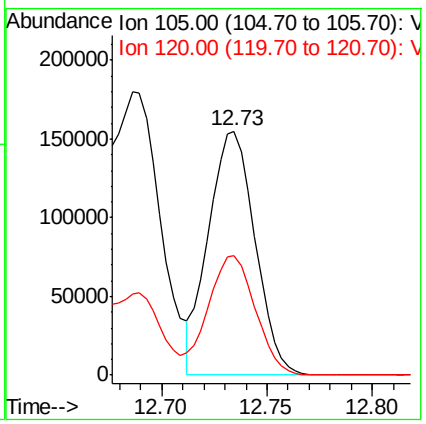


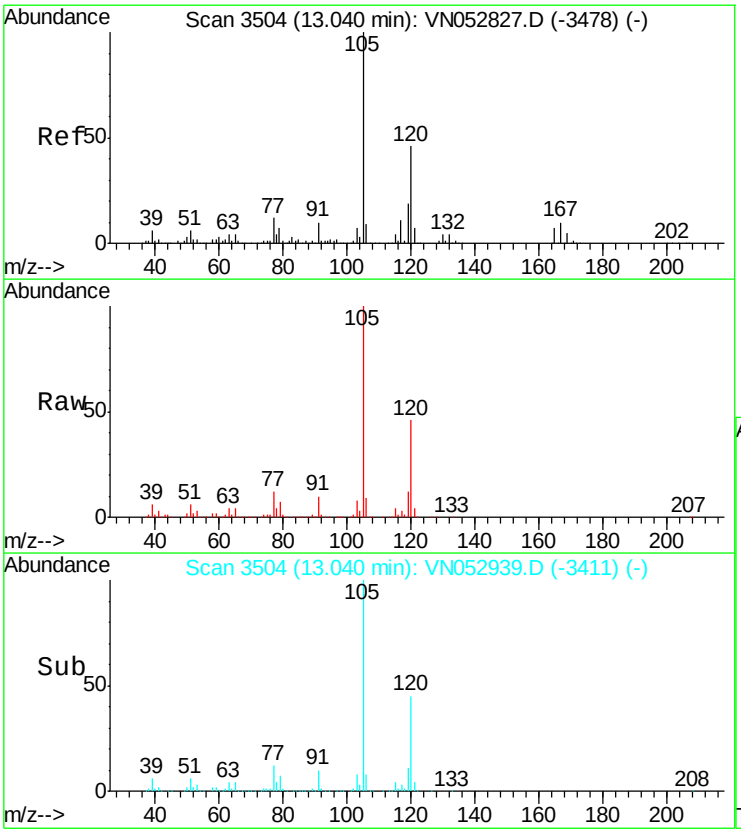
#80
1,3,5-Trimethylbenzene
Concen: 5.125 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument :
MSVOA_N
ClientSampleId :
WC-20181214

Tgt Ion:105 Resp: 236731

Ion	Ratio	Lower	Upper
105	100		
120	50.4	24.4	73.2

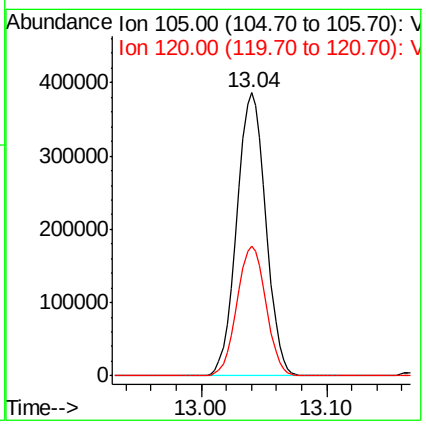


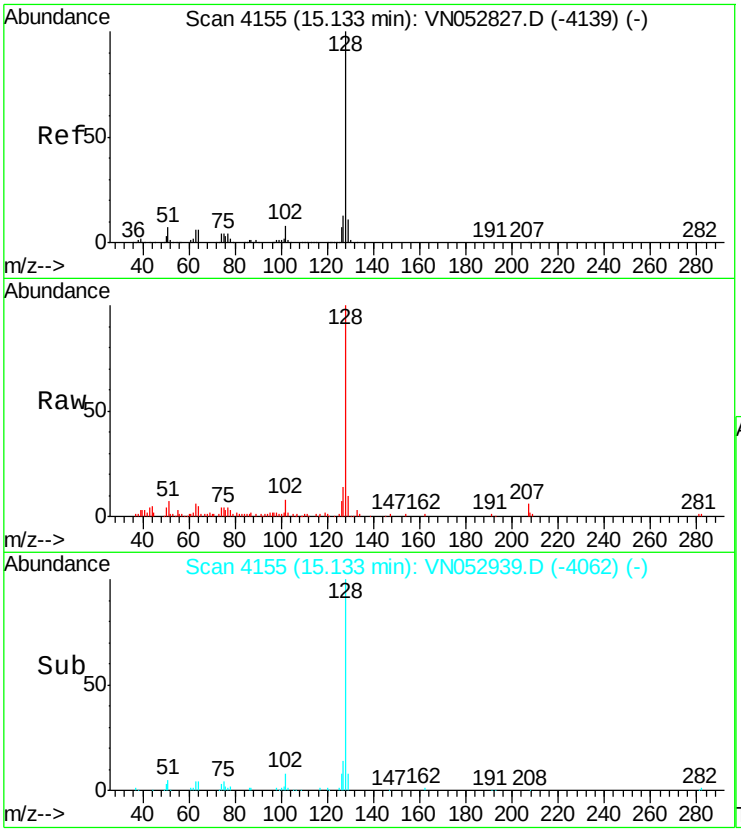


#84
1,2,4-Trimethylbenzene
Concen: 13.253 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Tgt Ion:105 Resp: 619745

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.8





#95
Naphthalene
Concen: 2.895 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052939.D
Acq: 17 Dec 2018 20:31

Instrument :
MSVOA_N
ClientSampleId :
WC-20181214

Tgt Ion:128 Resp: 81091

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.3	8.6	13.0