Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
Data File : VN058511.D
Acq On : 3 Oct 2019 15:43
Operator : JC/SP
Sample : K5140-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : HR-05-100219

Quant Time: Oct 04 04:44:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	299225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	492986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	424307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	163417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	221101	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.12%			
35) Dibromofluoromethane	7.57	113	154791	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.46%			
50) Toluene-d8	10.08	98	614878	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.90%			
62) 4-Bromofluorobenzene	12.41	95	189873	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.72%			
Target Compounds						Qvalue
16) Acetone	3.80	43	11026	7.397	ug/l	99
20) Methylene Chloride	4.53	84	434525	126.318	ug/l	99
43) Isopropyl Acetate	8.15	43	74890	9.965	ug/l	99
67) Ethyl Benzene	11.52	91	30430	1.992	ug/l	92
68) m/p-Xylenes	11.62	106	72619	12.634	ug/l	99
69) o-Xylene	11.95	106	41732	7.542	ug/l	94
78) n-propylbenzene	12.60	91	43919	3.228	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	104469	10.334	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	381398	37.655	ug/l	100
85) sec-Butylbenzene	13.18	105	13734	1.223	ug/l	82
86) p-Isopropyltoluene	13.30	119	10961	1.109	ug/l	93
89) n-Butylbenzene	13.62	91	15953	1.782	ug/l #	70
95) Naphthalene	15.13	128	65416	8.169	ug/l	97

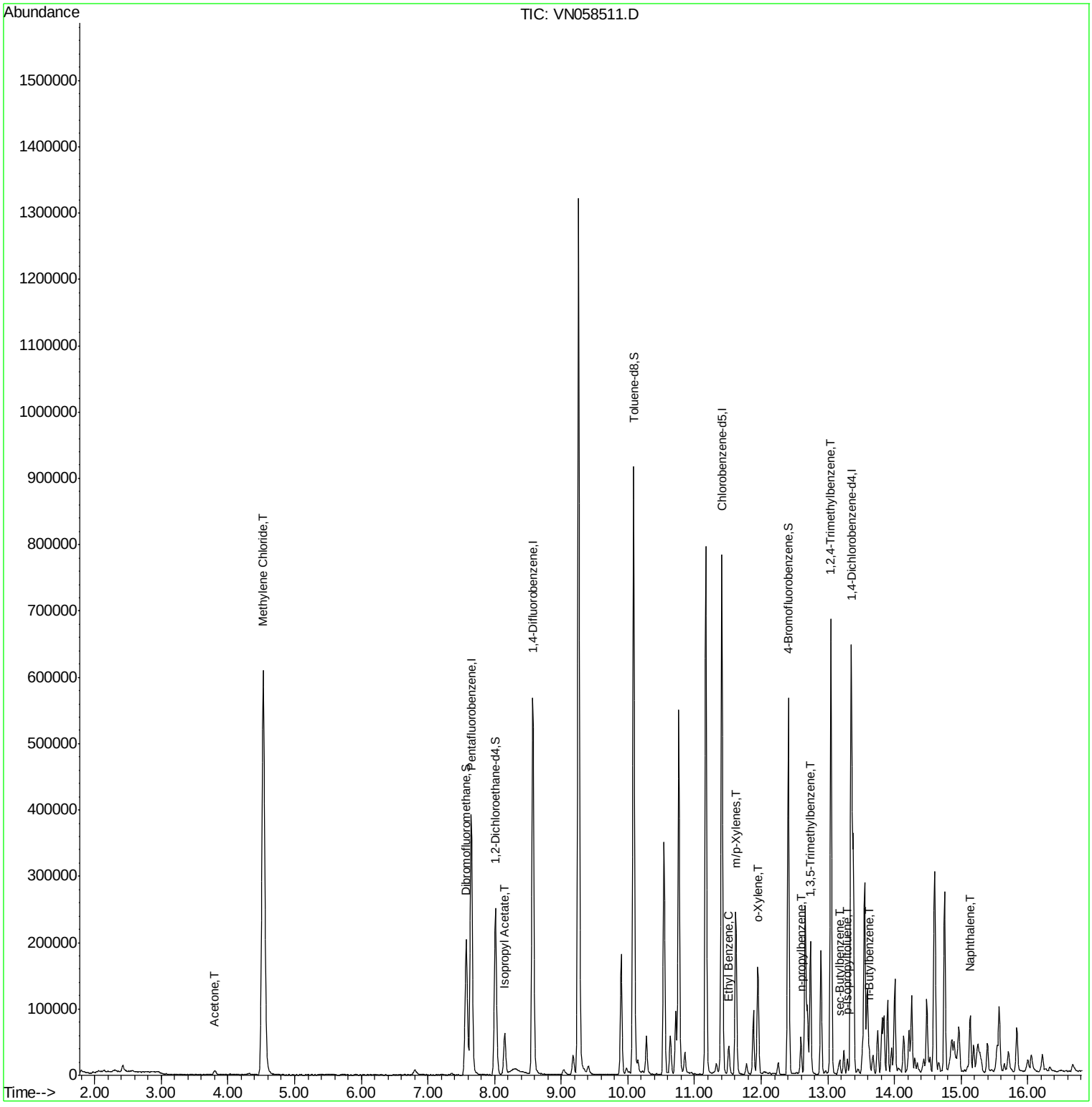
(#) = qualifier out of range (m) = manual integration (+) = signals summed

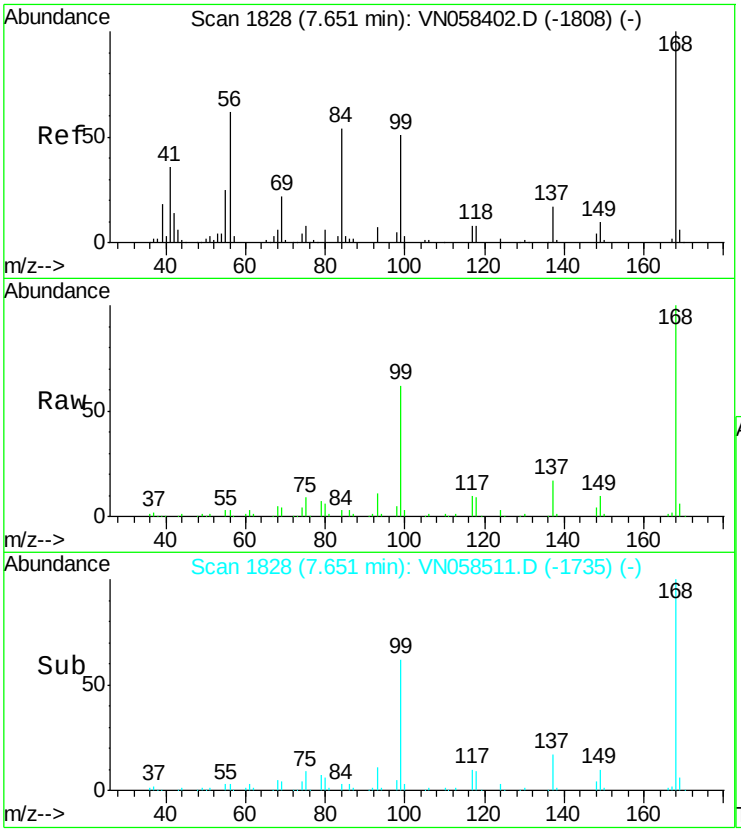
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
Data File : VN058511.D
Acq On : 3 Oct 2019 15:43
Operator : JC/SP
Sample : K5140-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Quant Time: Oct 04 04:44:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration



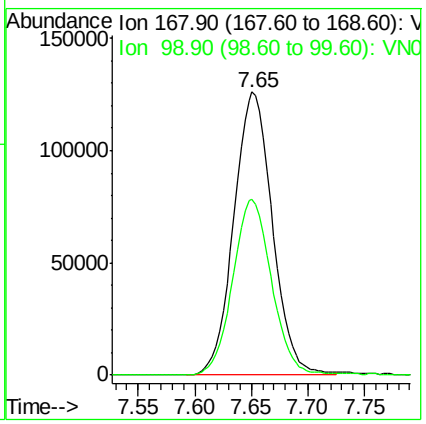


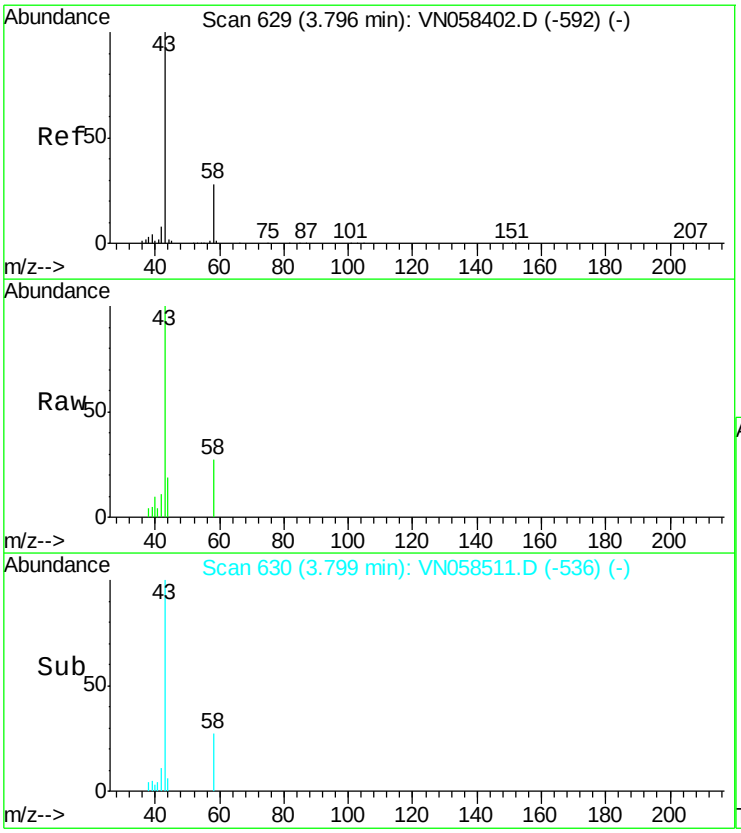
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion:168 Resp: 299225

Ion	Ratio	Lower	Upper
168	100		
99	62.3	47.7	71.5

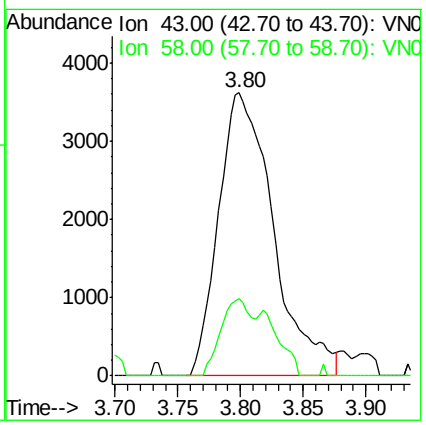


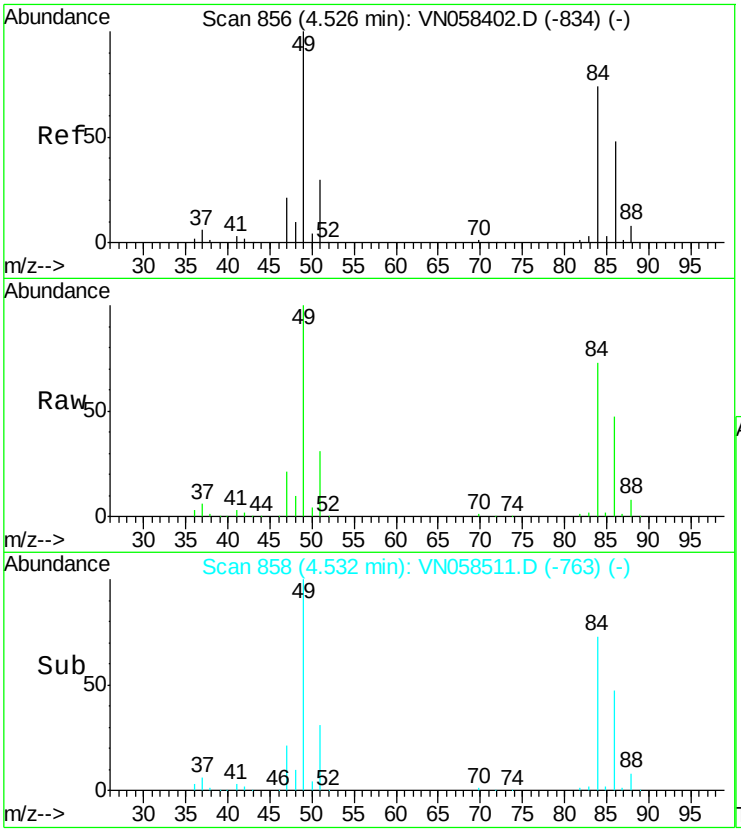


#16
Acetone
Concen: 7.397 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion: 43 Resp: 11026

Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.4	33.6



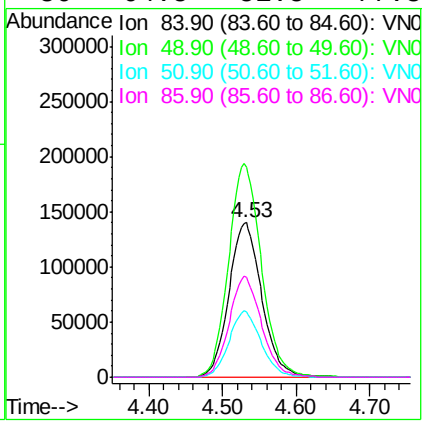


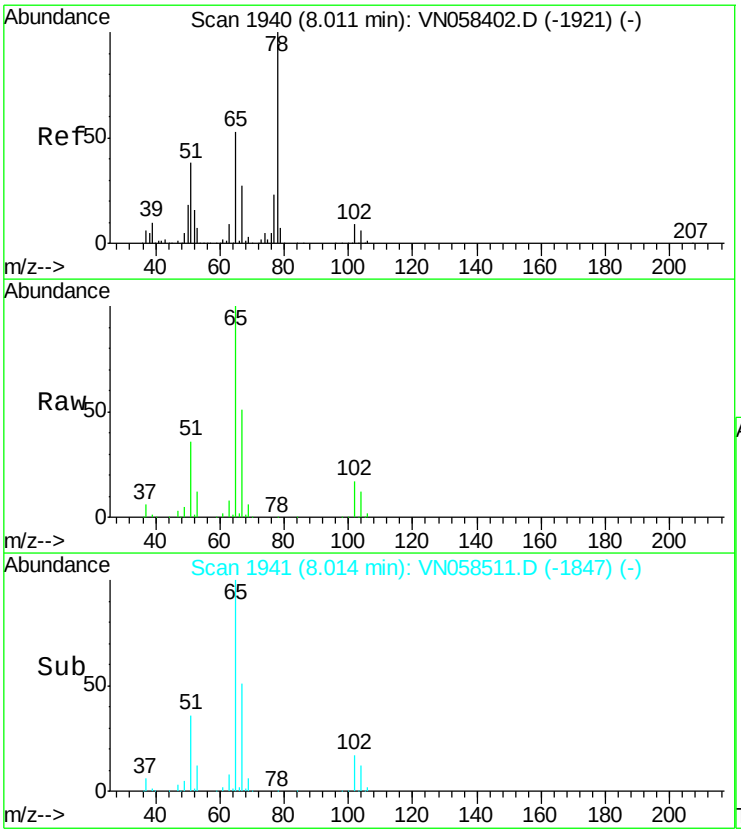
#20
Methylene Chloride
Concen: 126.318 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion: 84 Resp: 434525

Ion	Ratio	Lower	Upper
84	100		
49	136.4	107.9	161.9
51	42.1	32.8	49.2
86	64.5	51.5	77.3

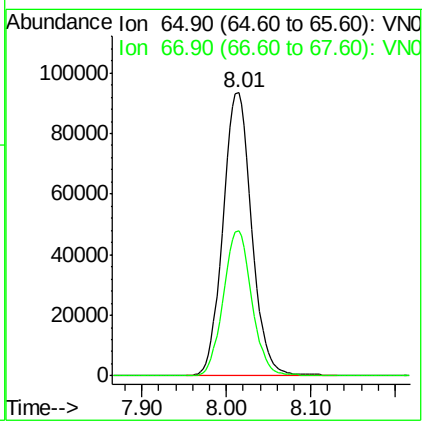


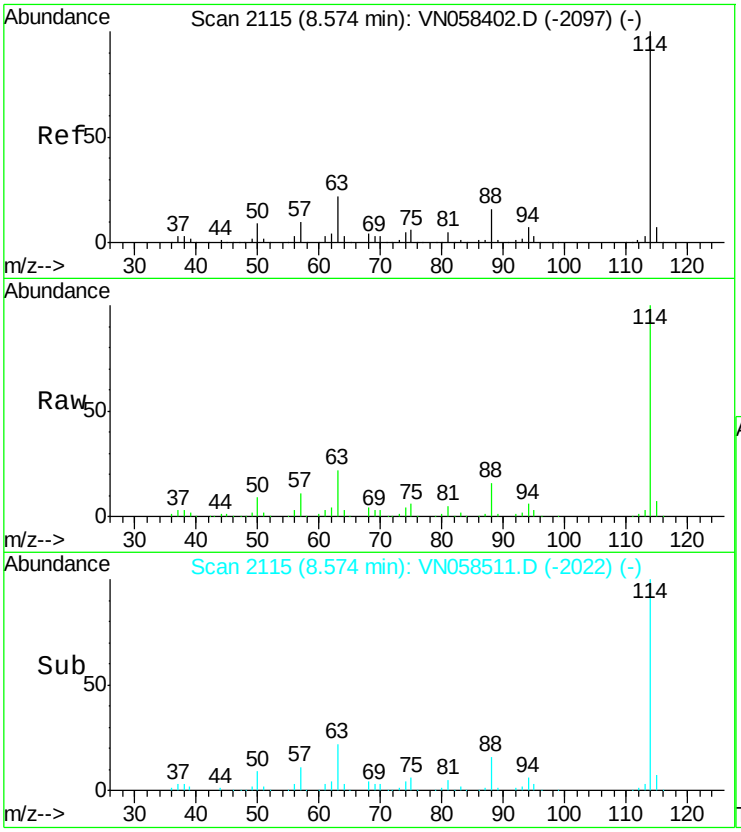


#33
1,2-Dichloroethane-d4
Concen: 50.564 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion: 65 Resp: 221101

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.4



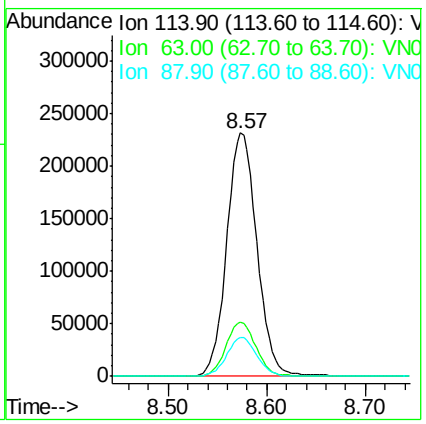


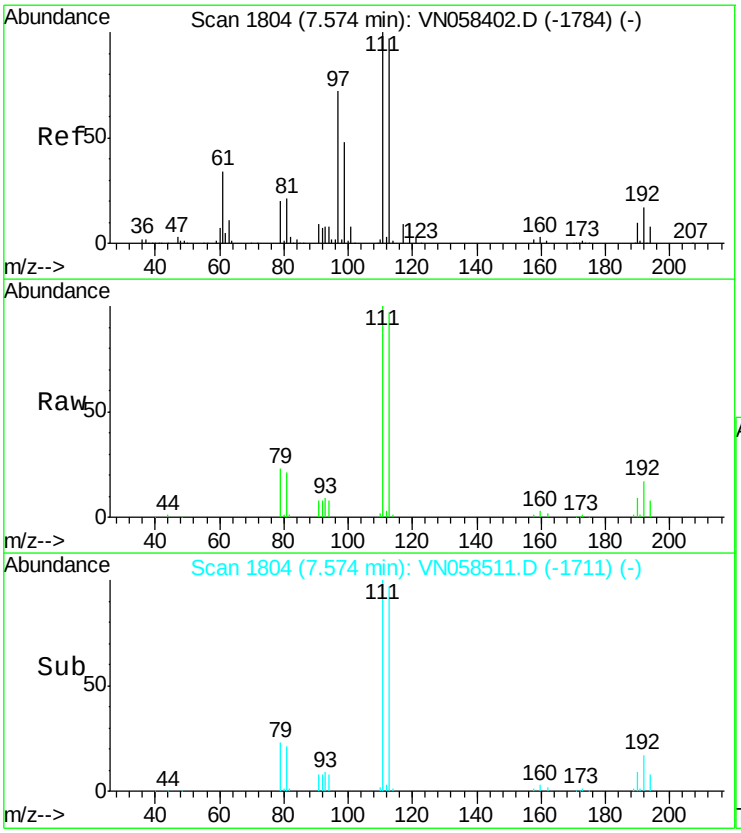
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion:114 Resp: 492986

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.0
88	16.2	0.0	32.2

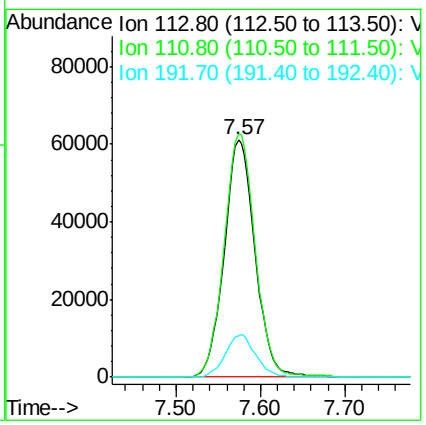


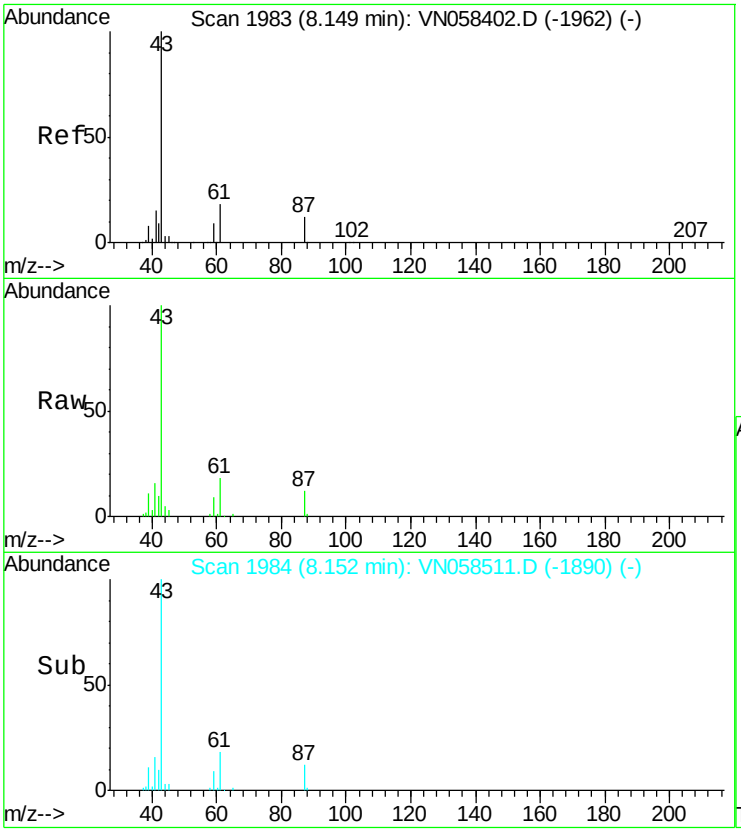


#35
Dibromofluoromethane
Concen: 51.231 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion:113 Resp: 154791

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.2
192	17.6	14.9	22.3



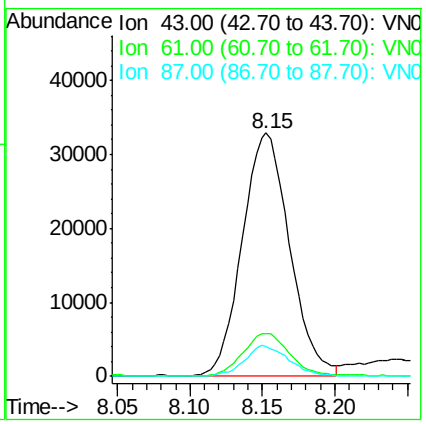


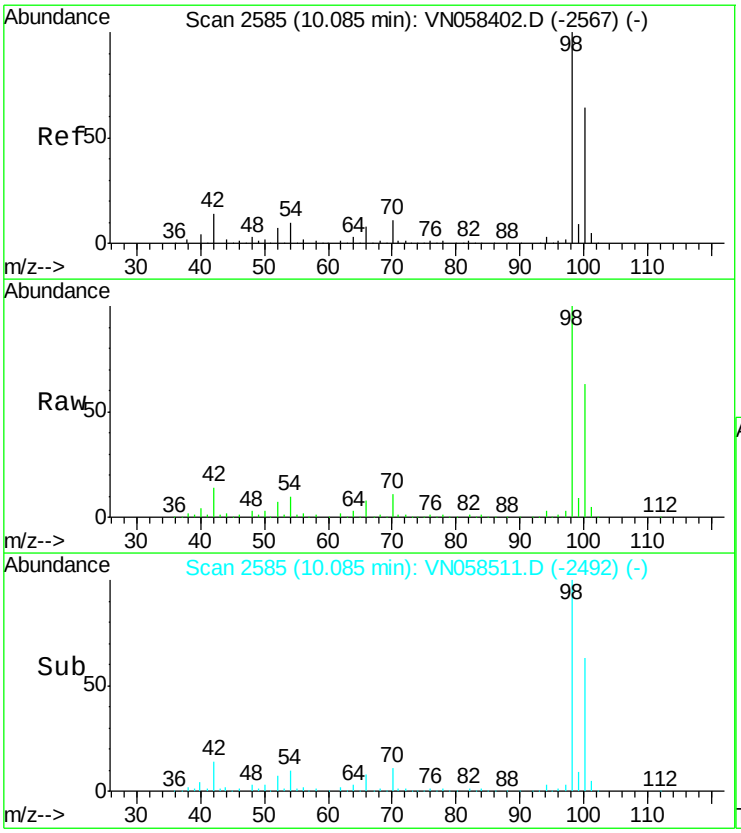
#43
Isopropyl Acetate
Concen: 9.965 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument : MSVOA_N
ClientSampleId : HR-05-100219

Tgt Ion: 43 Resp: 74890

Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.8	22.2
87	11.7	9.7	14.5

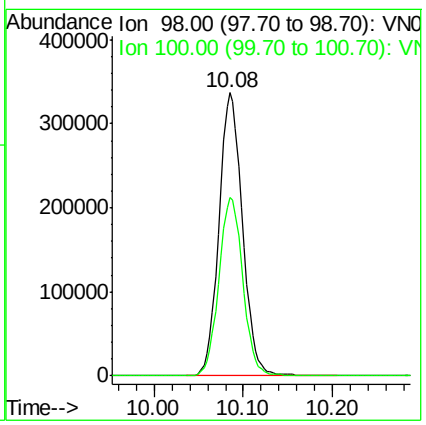


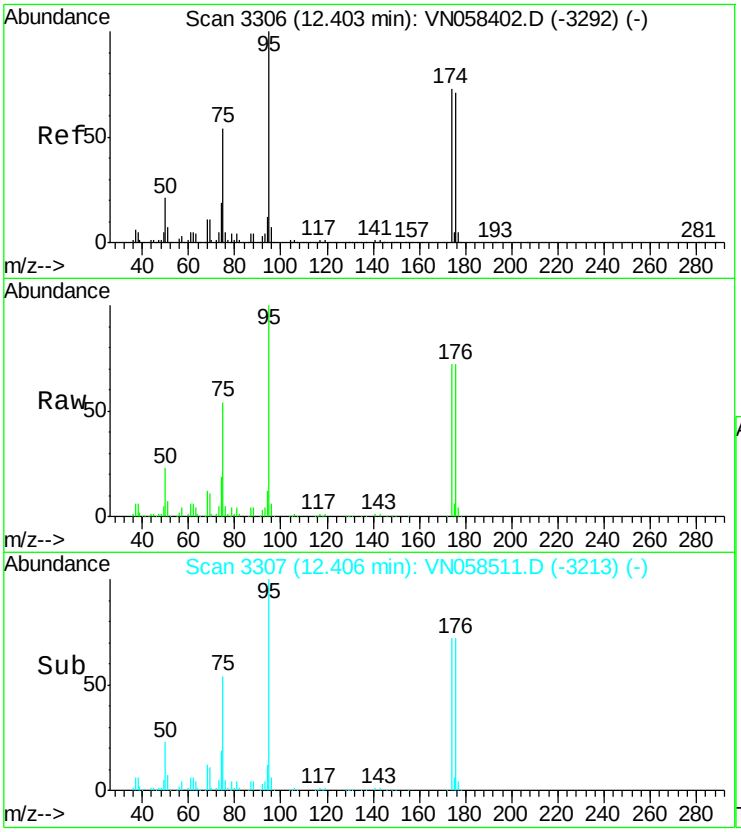


#50
Toluene-d8
Concen: 51.948 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion: 98 Resp: 614878

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.0	76.6



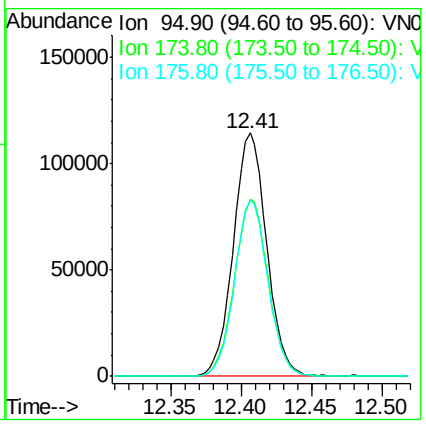


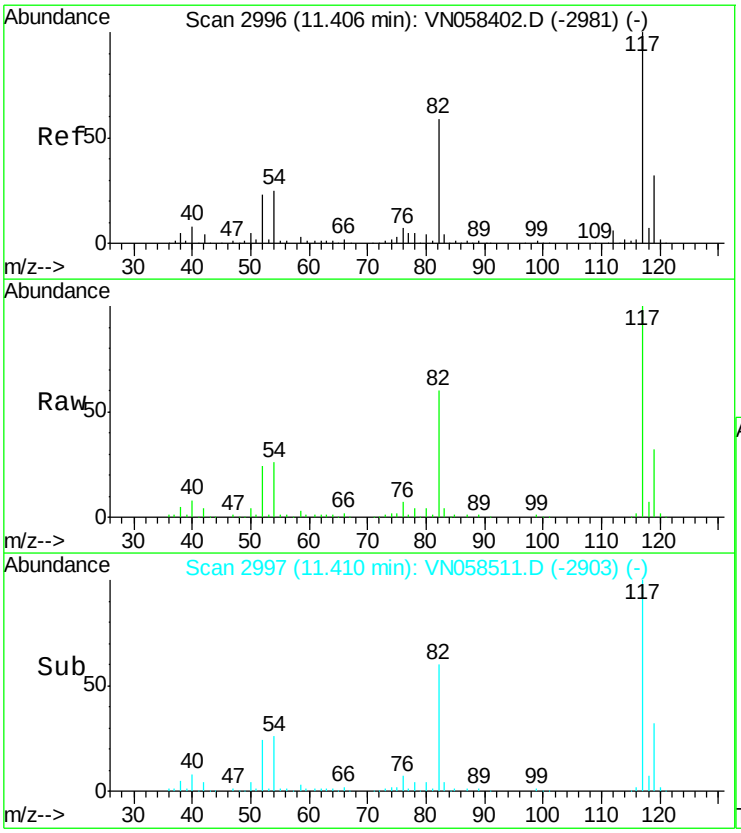
#62
4-Bromofluorobenzene
Concen: 44.365 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion: 95 Resp: 189873

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	150.6
176	72.5	0.0	146.2

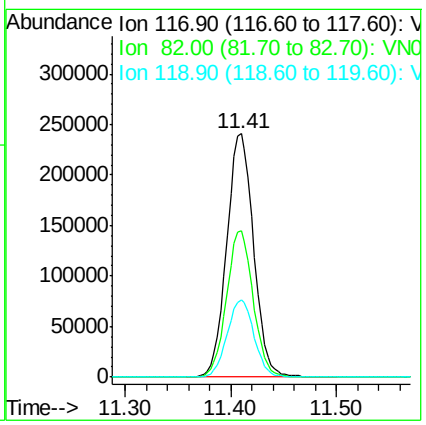


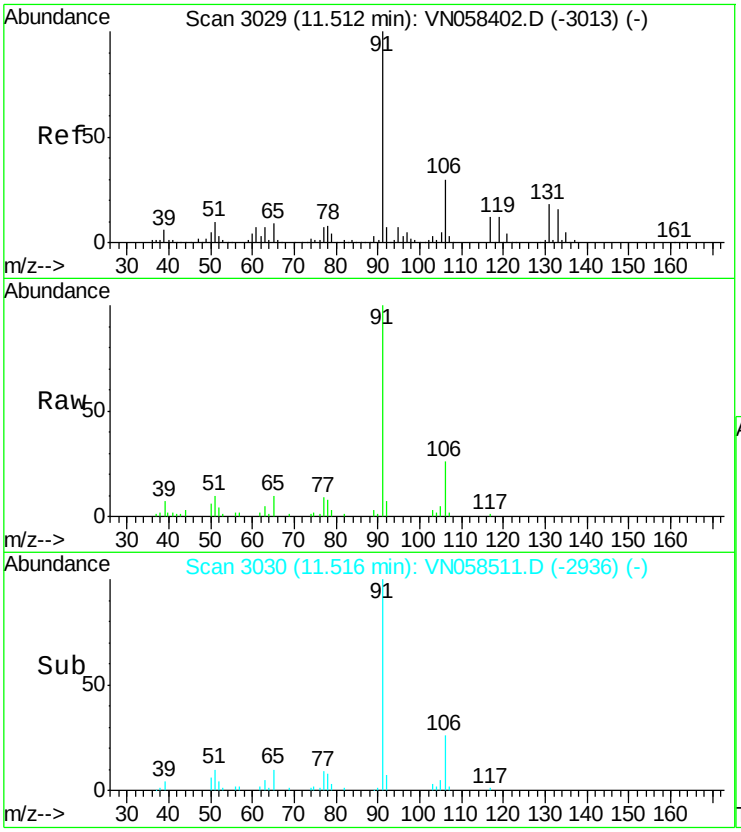


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion:117 Resp: 424307

Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.4	71.0
119	31.8	25.5	38.3



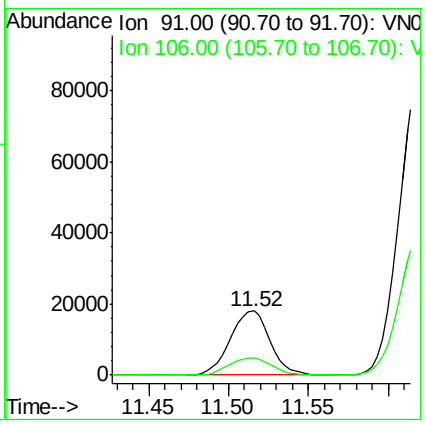


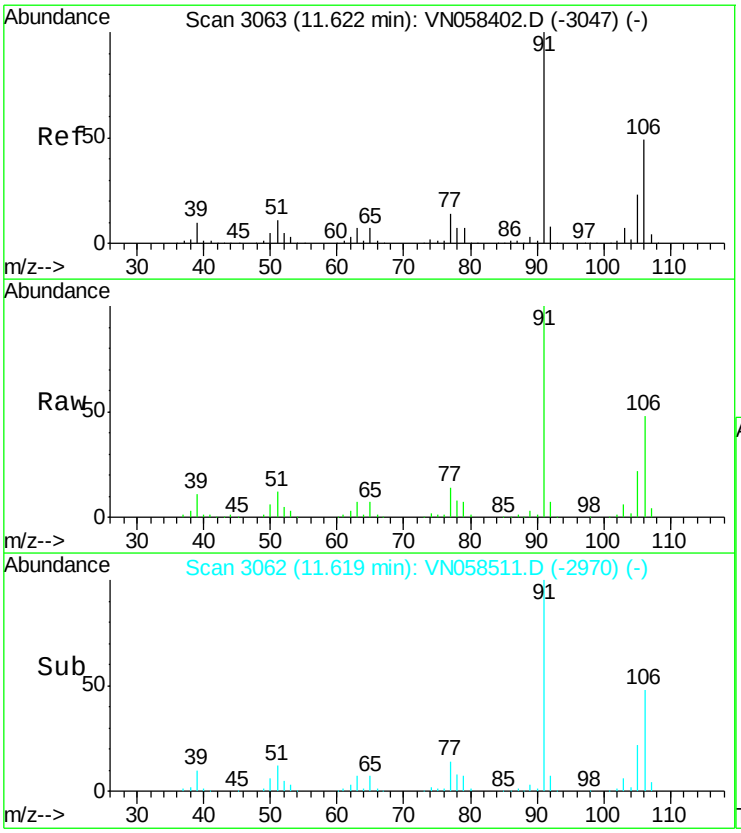
#67
Ethyl Benzene
Concen: 1.992 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion: 91 Resp: 30430

Ion	Ratio	Lower	Upper
91	100		
106	26.3	24.3	36.5

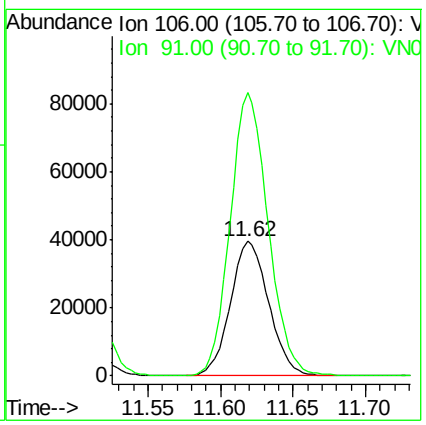


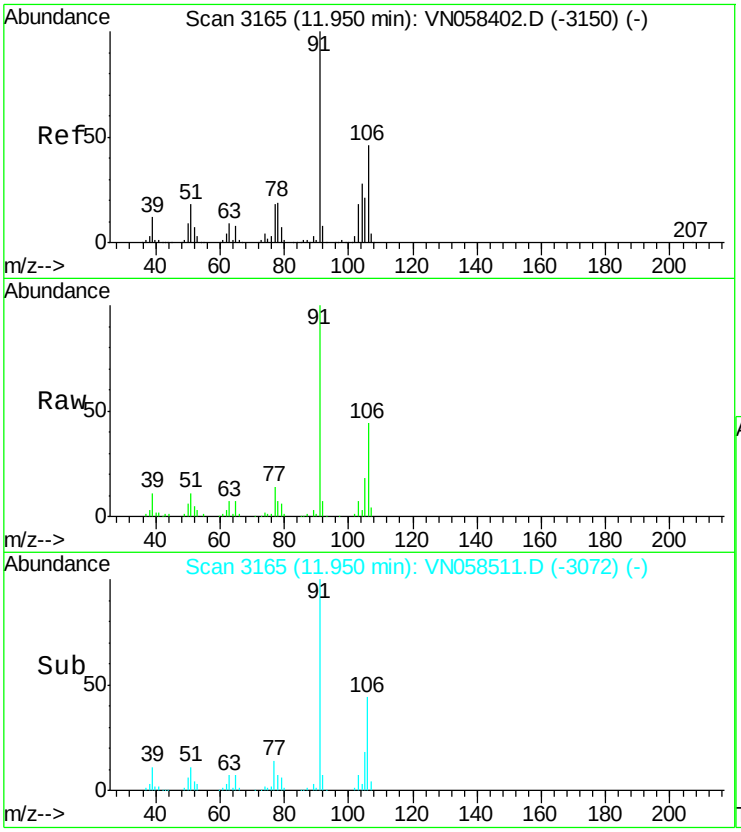


#68
m/p-Xylenes
Concen: 12.634 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion:106 Resp: 72619

Ion	Ratio	Lower	Upper
106	100		
91	208.2	165.0	247.4



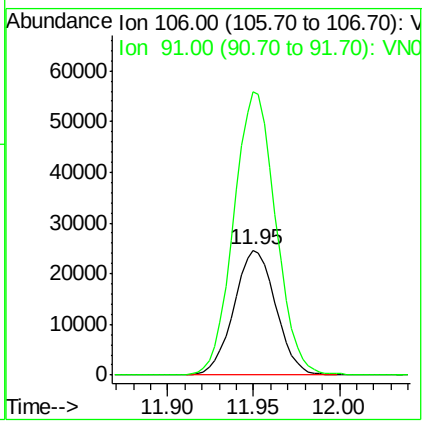


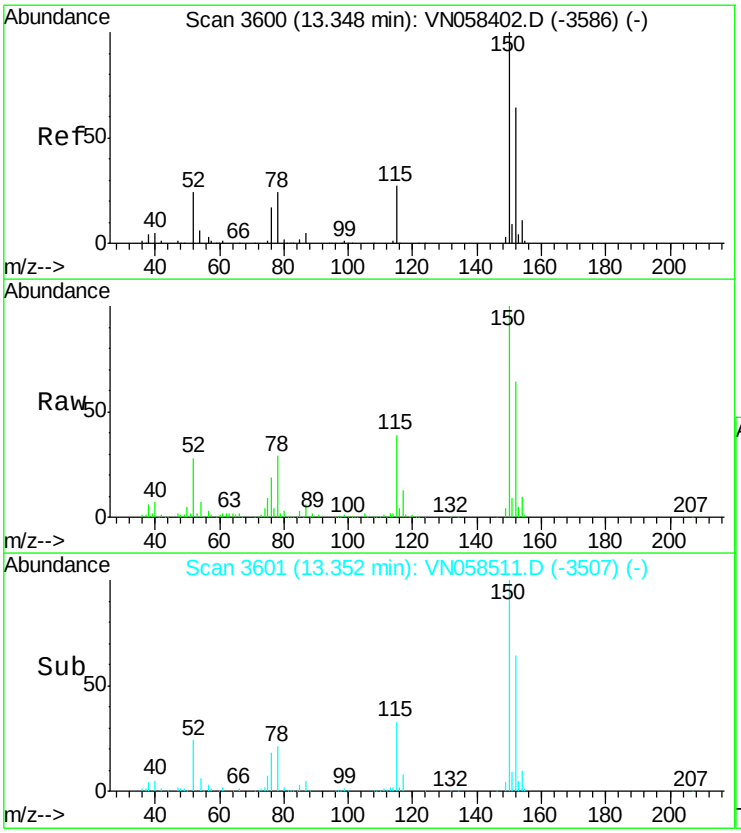
#69
o-Xylene
Concen: 7.542 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion:106 Resp: 41732

Ion	Ratio	Lower	Upper
106	100		
91	228.0	109.1	327.4

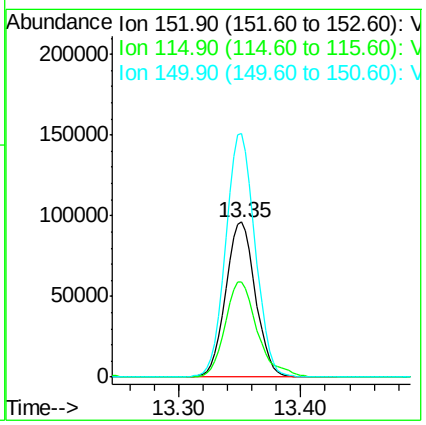


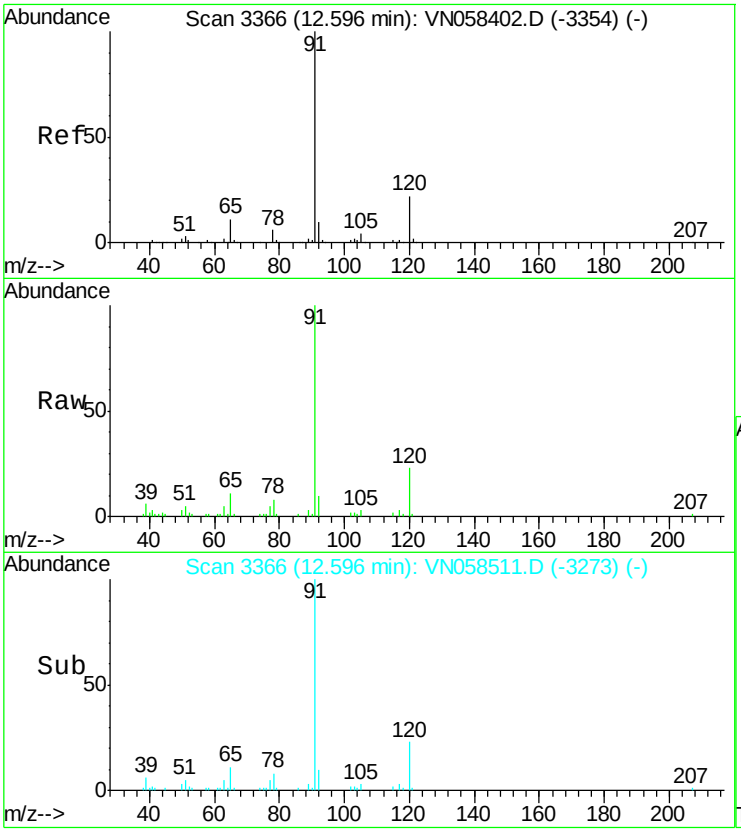


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion:152 Resp: 163417

Ion	Ratio	Lower	Upper
152	100		
115	66.3	30.0	90.0
150	155.5	0.0	348.2



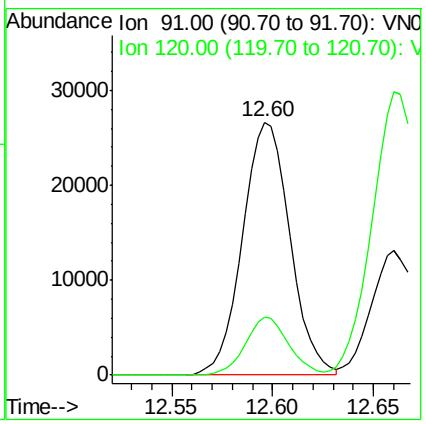


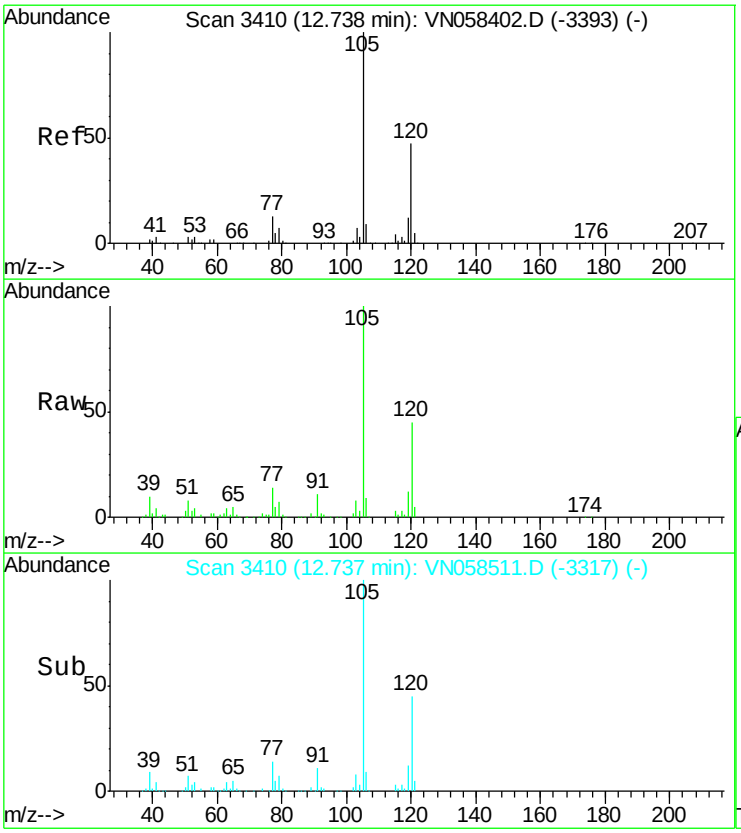
#78
n-propylbenzene
Concen: 3.228 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument : MSVOA_N
ClientSampleId : HR-05-100219

Tgt Ion: 91 Resp: 43919

Ion	Ratio	Lower	Upper
91	100		
120	20.9	10.9	32.9

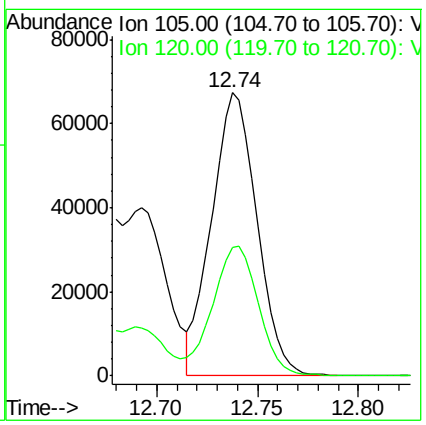


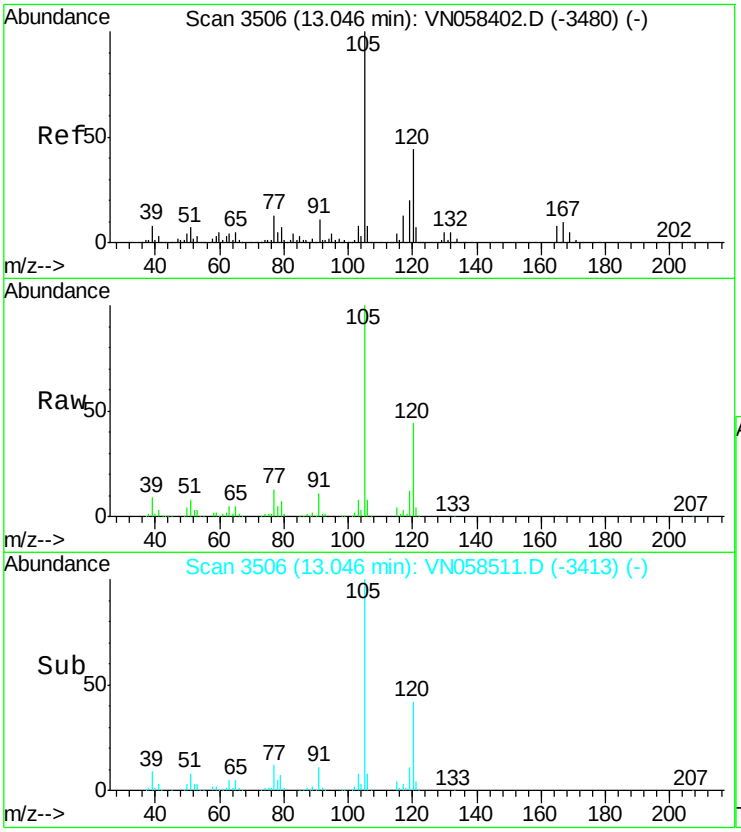


#80
1,3,5-Trimethylbenzene
Concen: 10.334 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion:105 Resp: 104469

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.5	70.6



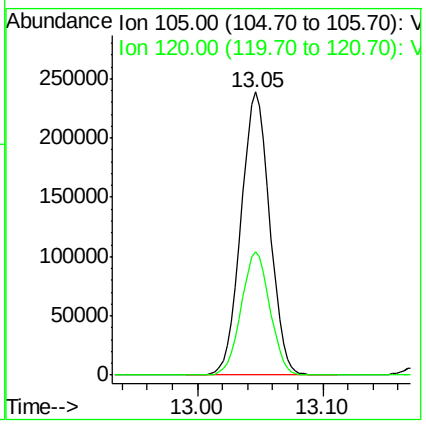


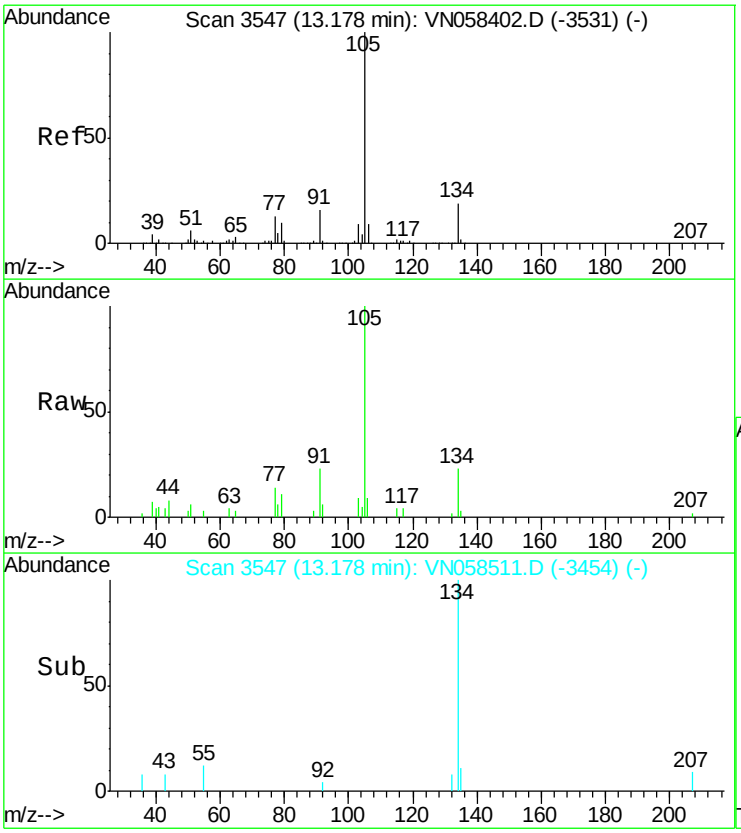
#84
1,2,4-Trimethylbenzene
Concen: 37.655 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion:105 Resp: 381398

Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.7	65.1

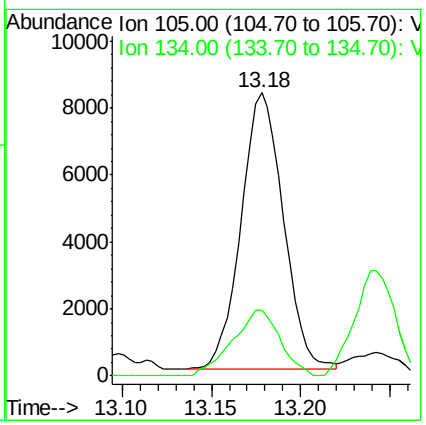


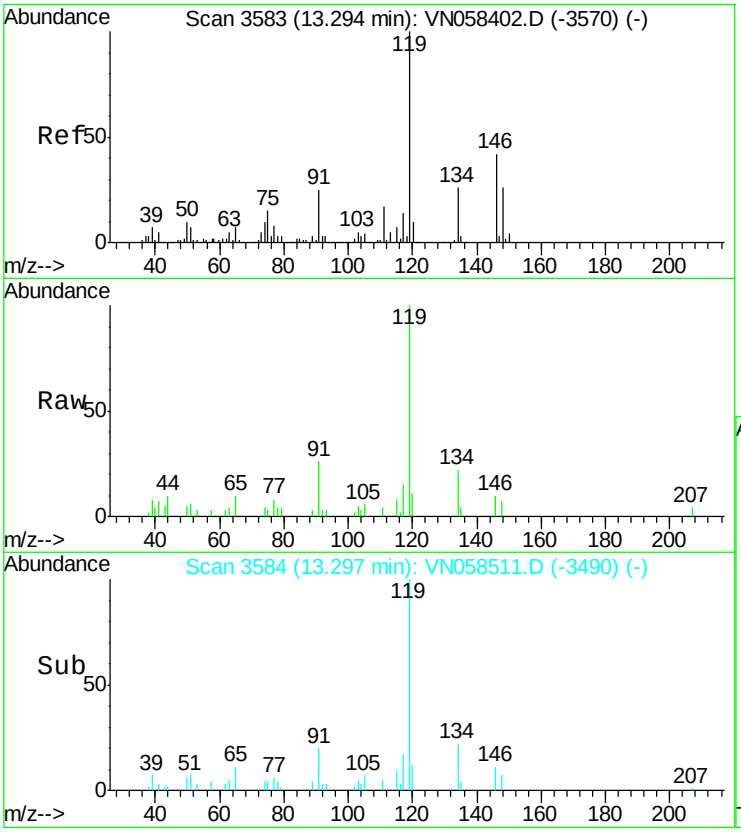


#85
sec-Butylbenzene
Concen: 1.223 ug/l
RT: 13.18 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion:105 Resp: 13734

Ion	Ratio	Lower	Upper
105	100		
134	26.7	9.4	28.2



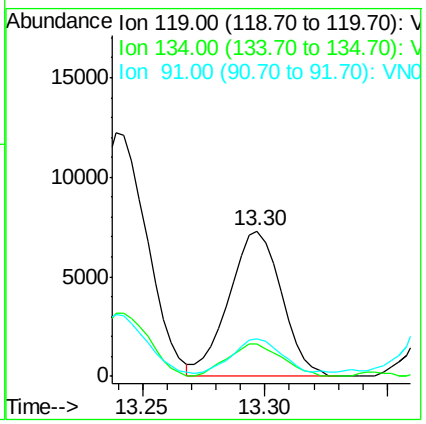


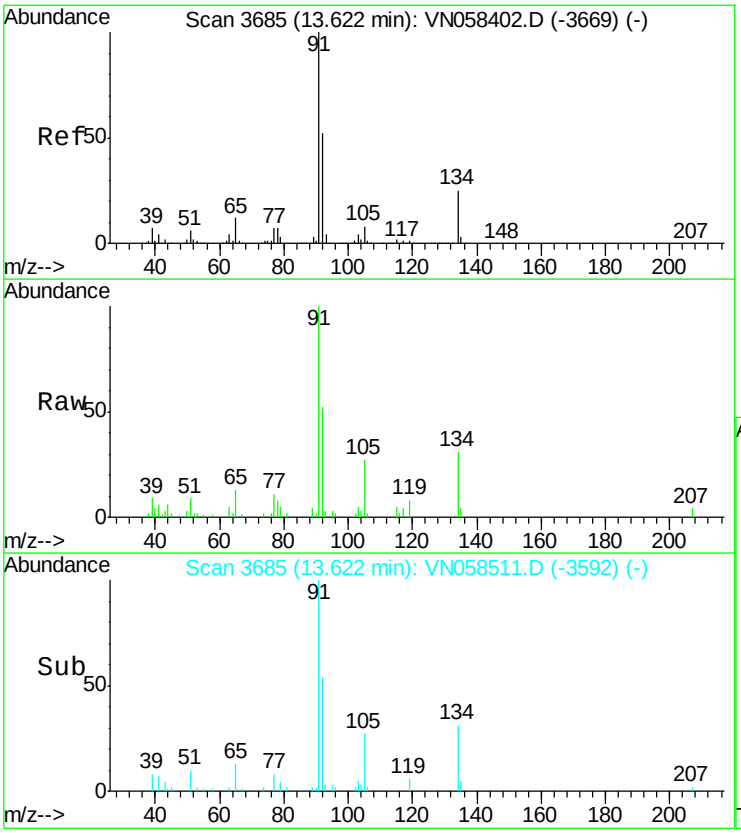
#86
p-Isopropyltoluene
Concen: 1.109 ug/l
RT: 13.30 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion:119 Resp: 10961

Ion	Ratio	Lower	Upper
119	100		
134	23.0	13.0	39.0
91	21.1	12.4	37.0

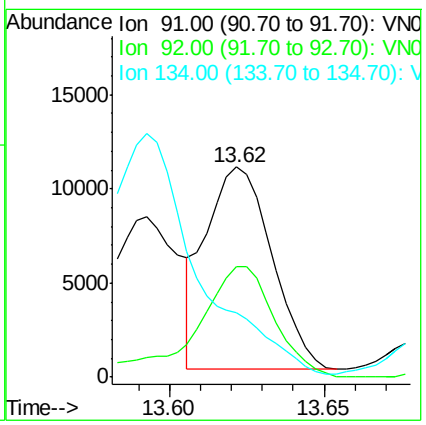


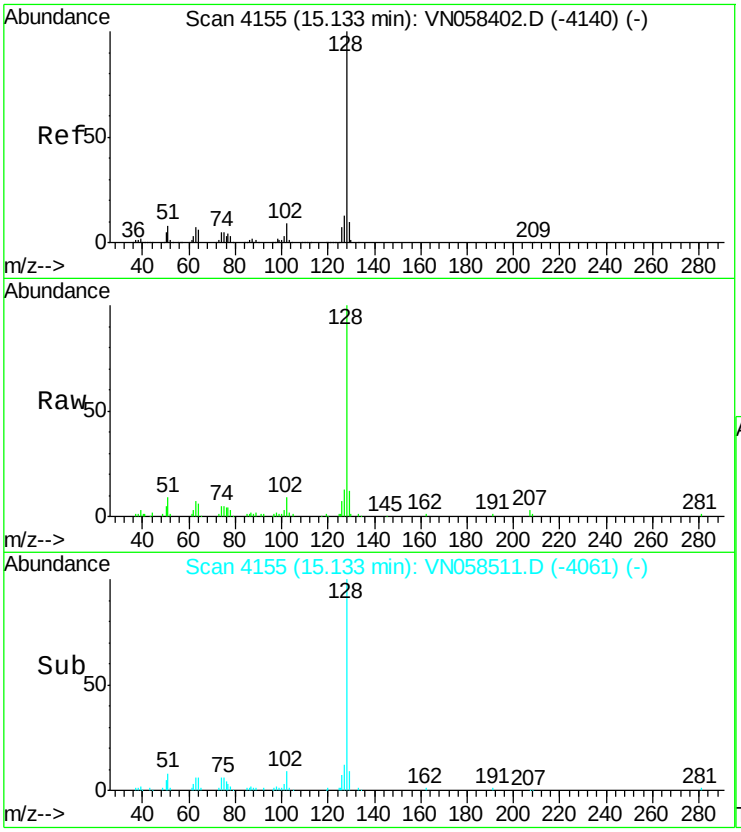


#89
n-Butylbenzene
Concen: 1.782 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Tgt Ion: 91 Resp: 15953

Ion	Ratio	Lower	Upper
91	100		
92	65.8	25.7	77.1
134	0.0	12.2	36.6#





#95
Naphthalene
Concen: 8.169 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058511.D
Acq: 3 Oct 2019 15:43

Instrument :
MSVOA_N
ClientSampleId :
HR-05-100219

Tgt Ion:128 Resp: 65416

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	11.7	8.3	12.5