Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054411.D
Acq On : 19 Mar 2019 00:01
Operator : JC/SP
Sample : K1902-04 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30299

Quant Time: Mar 19 07:14:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1779645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2615842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2231858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	897766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	879738	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.10%			
35) Dibromofluoromethane	7.59	113	795099	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.26%			
50) Toluene-d8	10.09	98	2997147	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
62) 4-Bromofluorobenzene	12.40	95	936085	42.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.88%			
Target Compounds						Qvalue
16) Acetone	3.82	43	910188	168.196	ug/l	98
25) 2-Butanone	6.85	43	43478	6.845	ug/l	91
68) m/p-Xylenes	11.62	106	127205	4.006	ug/l	100
69) o-Xylene	11.95	106	86036	2.780	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	156388	2.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	697221	11.895	ug/l	100
95) Naphthalene	15.13	128	179432	7.710	ug/l	100

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

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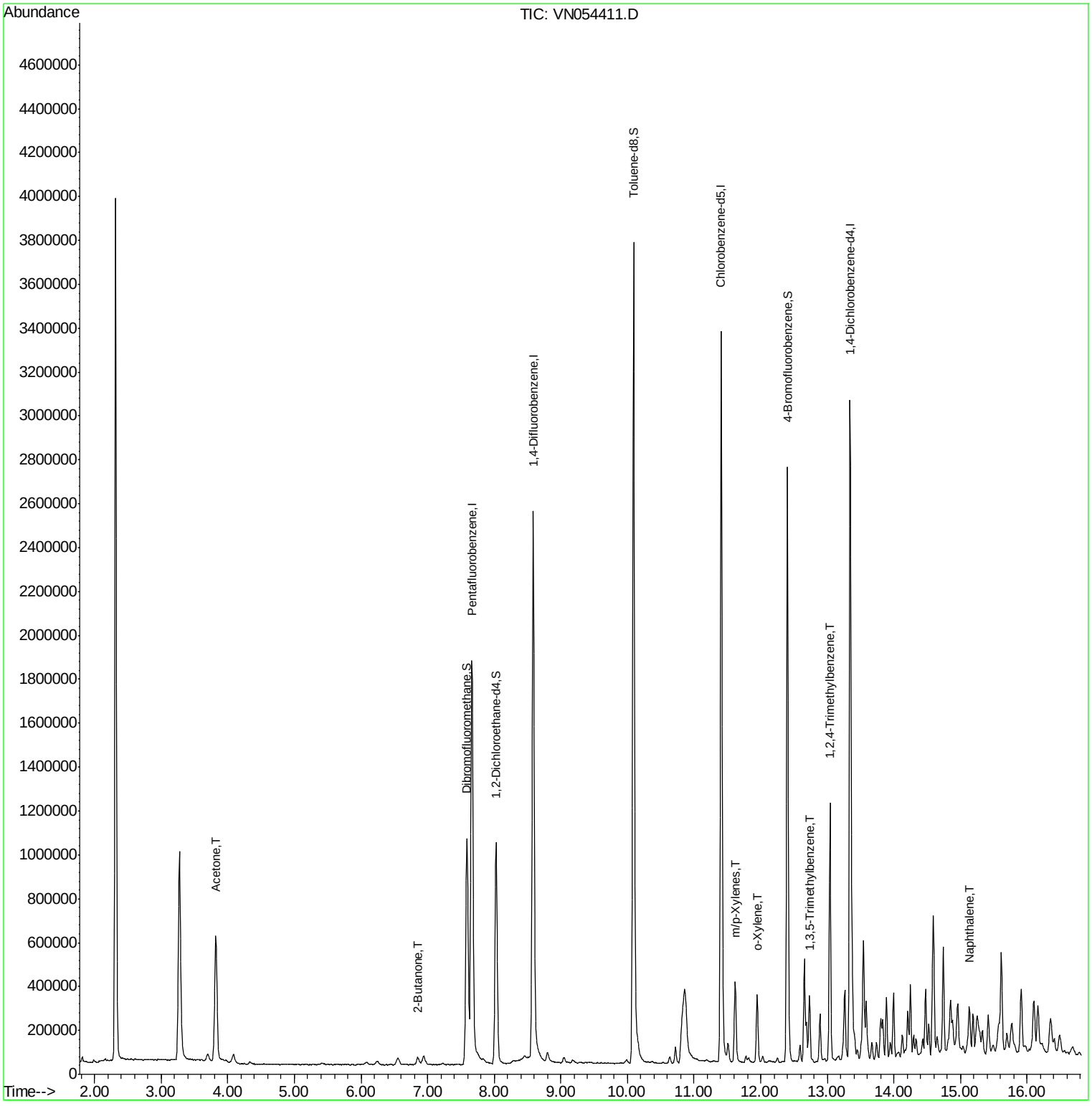
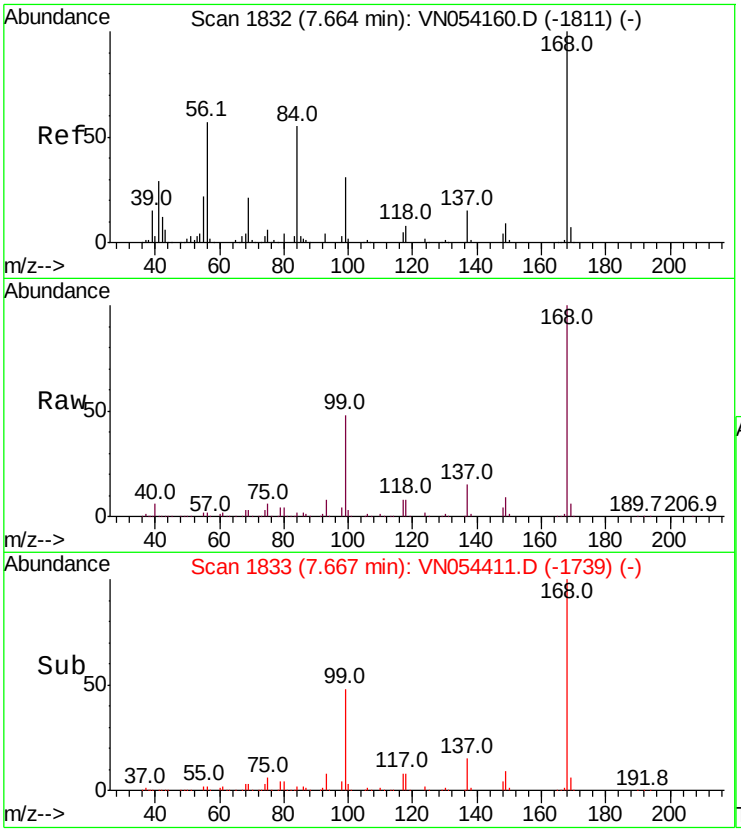


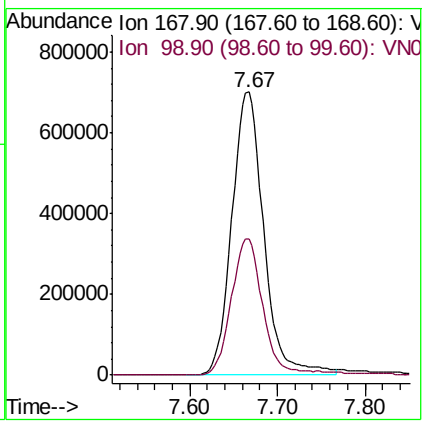


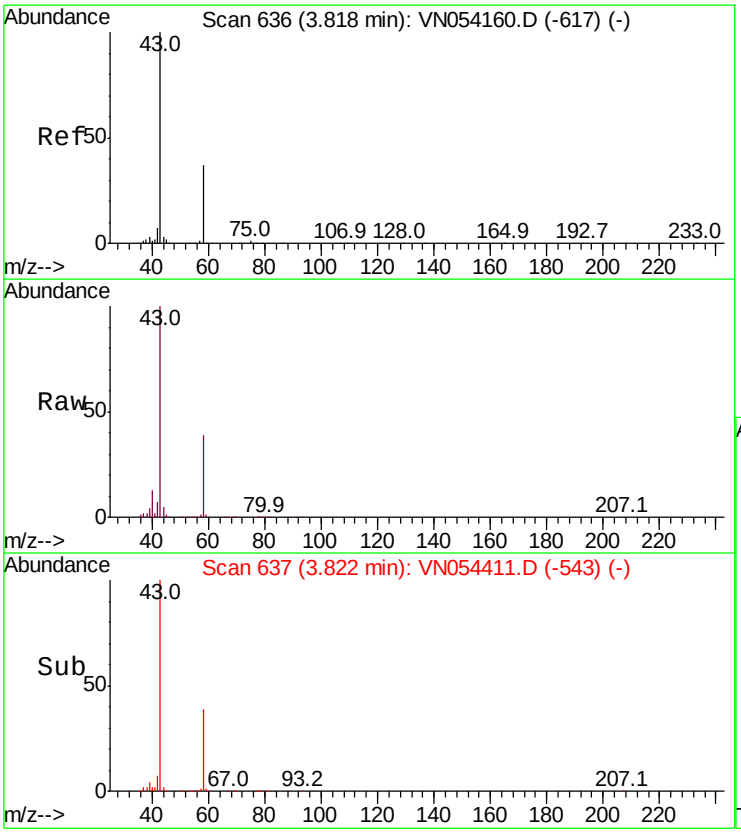
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
30299

Tgt Ion:168 Resp: 1779645

Ion	Ratio	Lower	Upper
168	100		
99	48.0	37.1	55.7

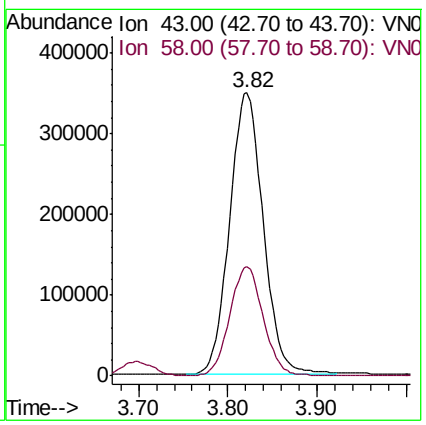


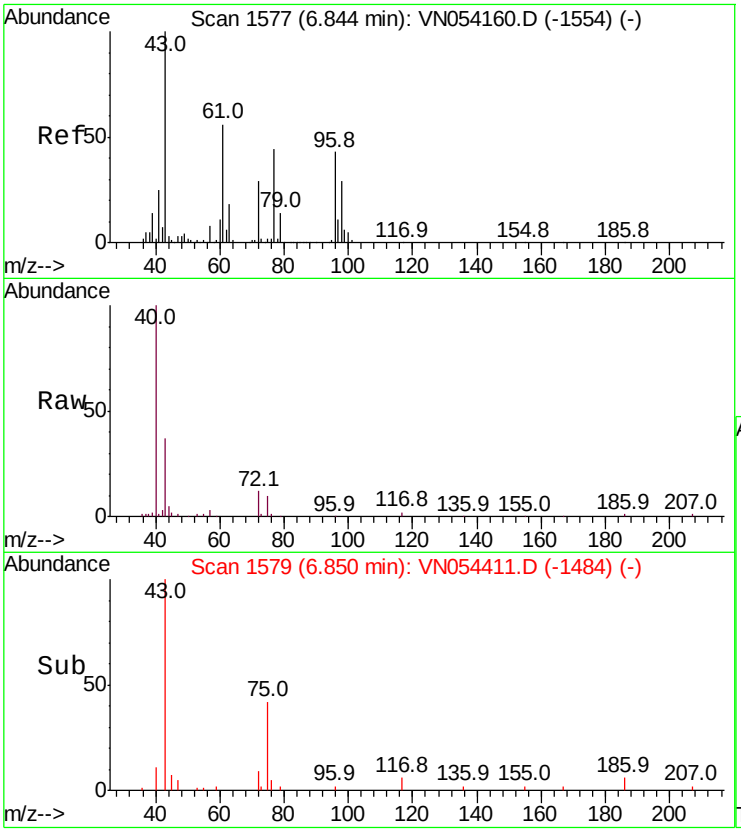


#16
Acetone
Concen: 168.196 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion: 43 Resp: 910188

Ion	Ratio	Lower	Upper
43	100		
58	38.8	29.9	44.9



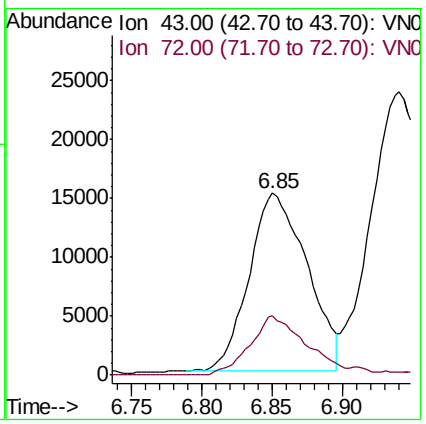


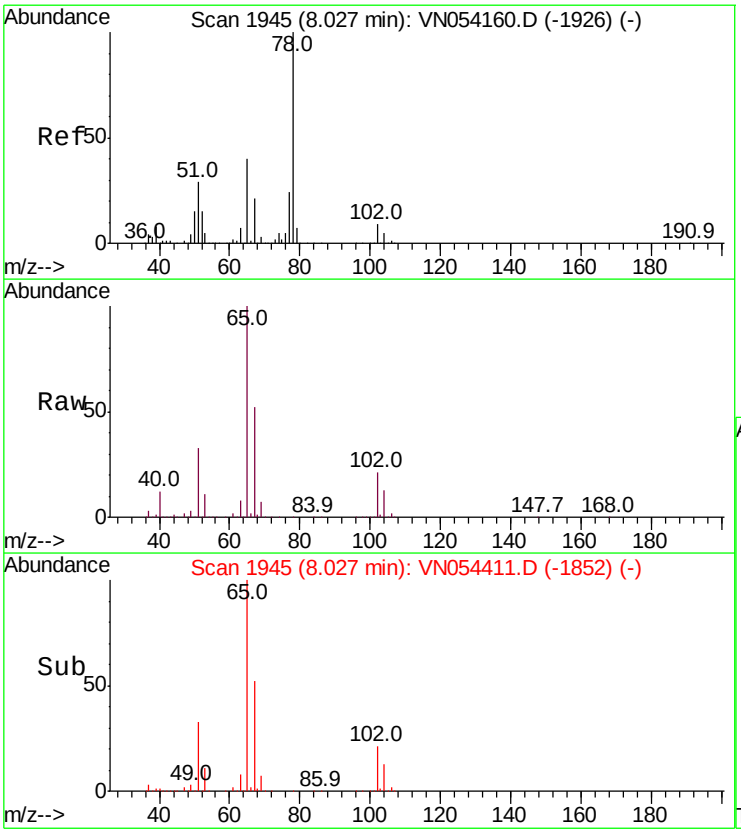
#25
2-Butanone
Concen: 6.845 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
30299

Tgt Ion: 43 Resp: 43478

Ion	Ratio	Lower	Upper
43	100		
72	33.3	23.0	34.6

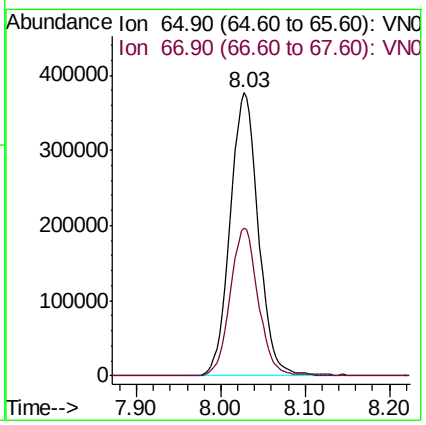


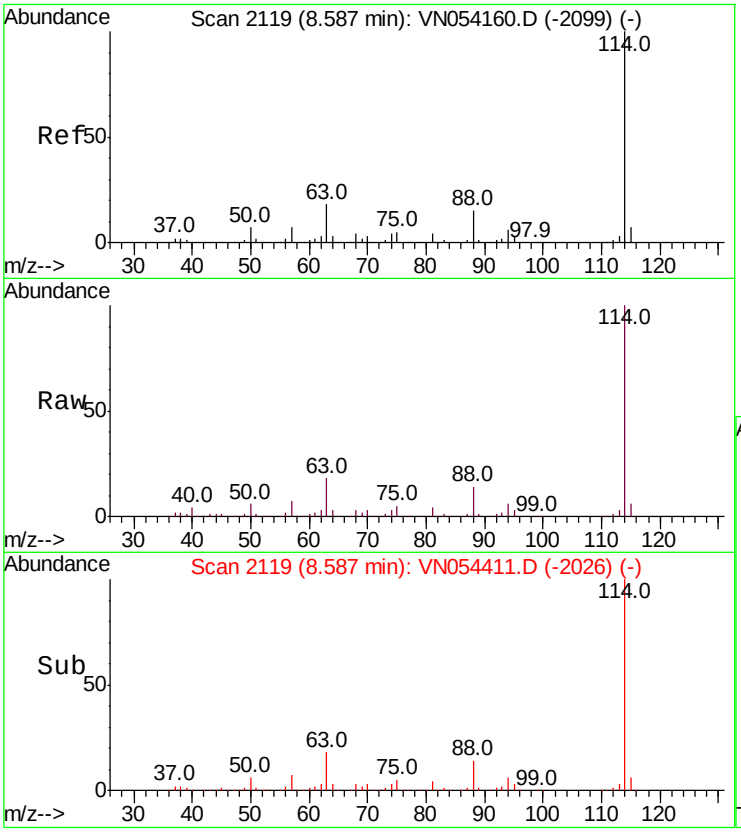


#33
1,2-Dichloroethane-d4
Concen: 46.547 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion: 65 Resp: 879738

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6



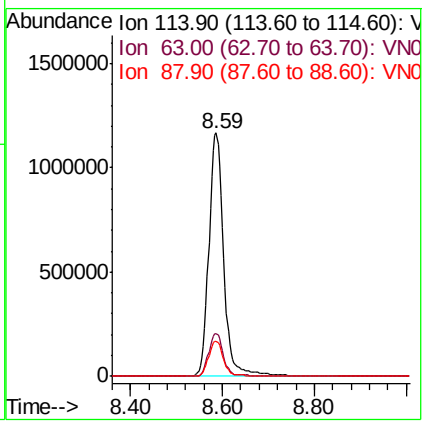


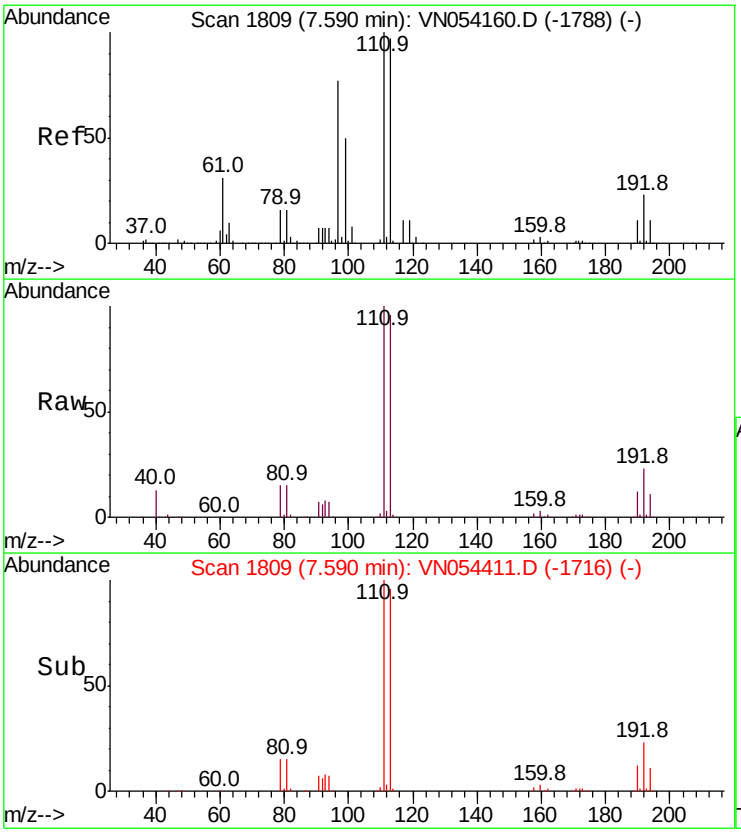
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
30299

Tgt Ion:114 Resp: 2615842

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.2
88	14.5	0.0	30.2

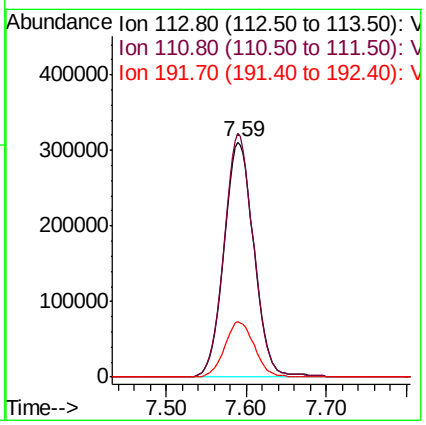


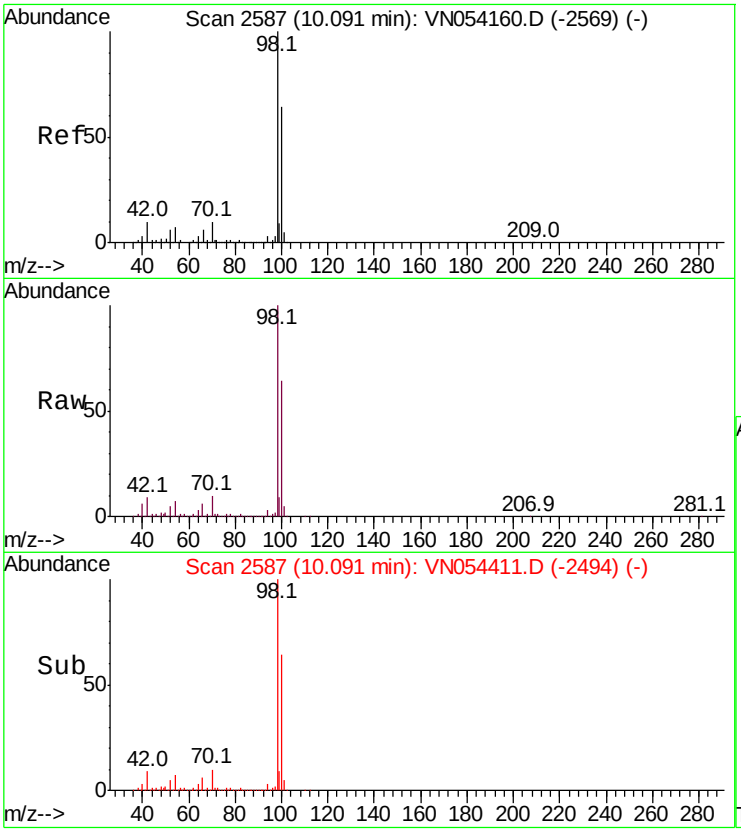


#35
Dibromofluoromethane
Concen: 47.128 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion:113 Resp: 795099

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	23.3	19.2	28.8



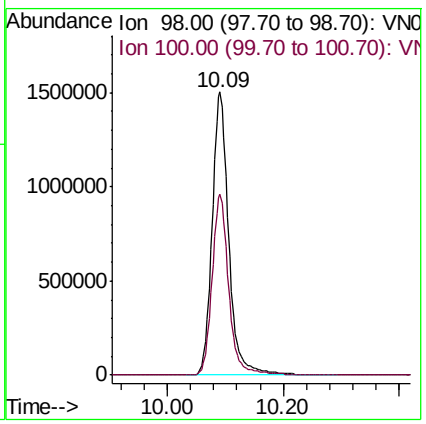


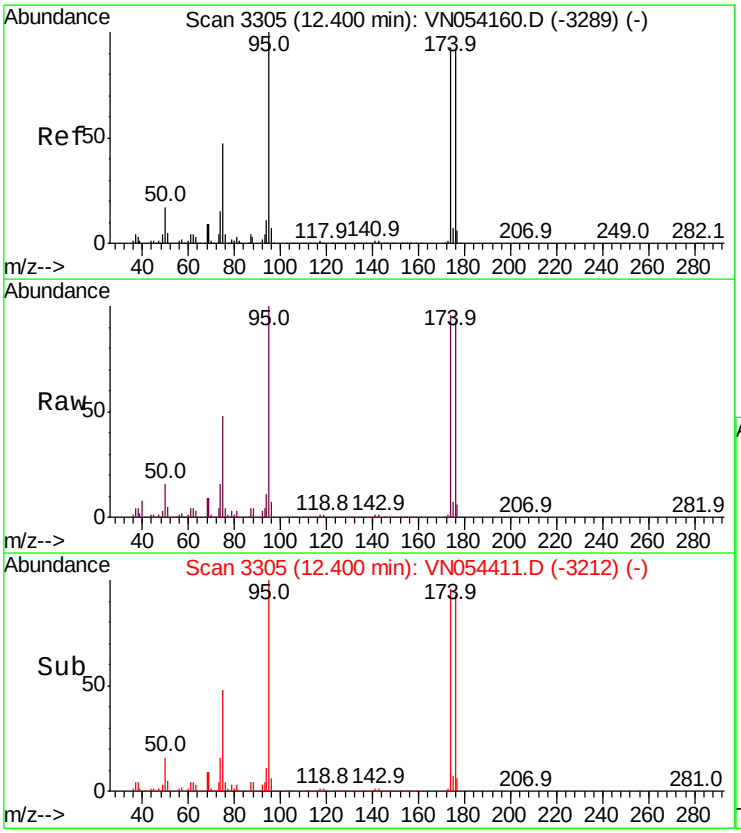
#50
Toluene-d8
Concen: 48.103 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Instrument : MSVOA_N
ClientSampleId : 30299

Tgt Ion: 98 Resp: 2997147

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

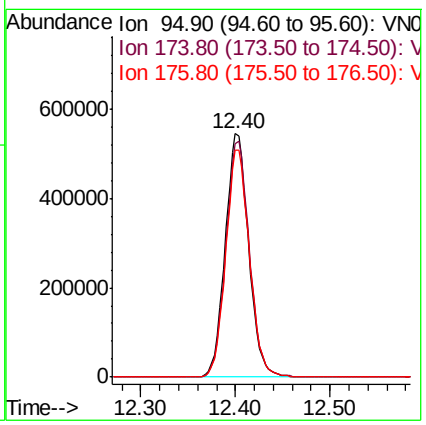


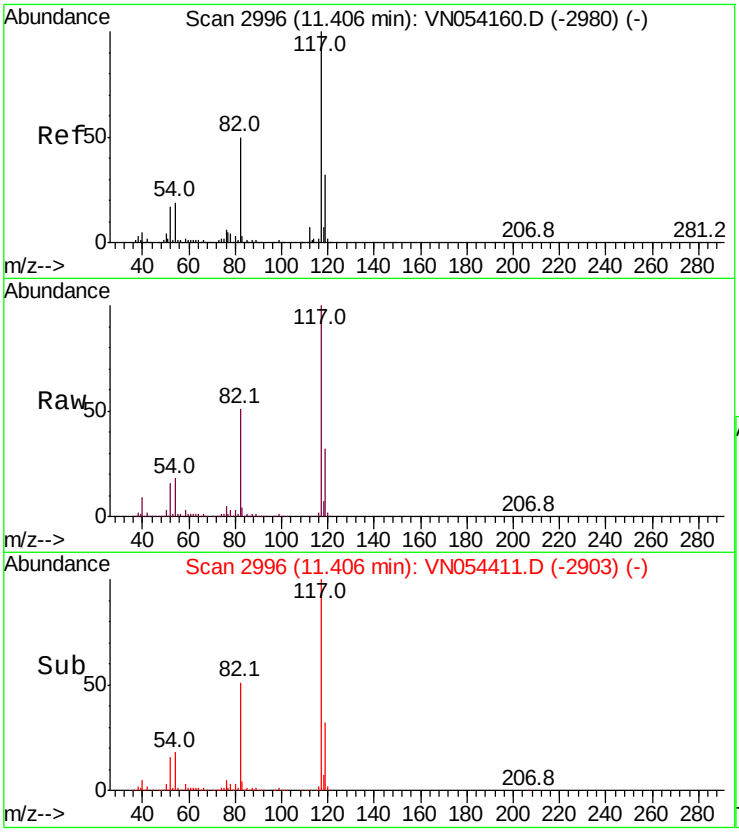


#62
4-Bromofluorobenzene
Concen: 42.937 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion: 95 Resp: 936085

Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	191.0
176	94.2	0.0	187.4



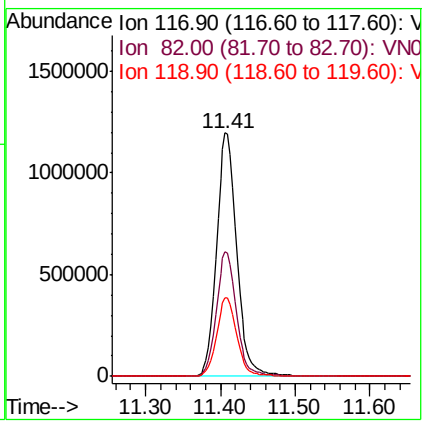


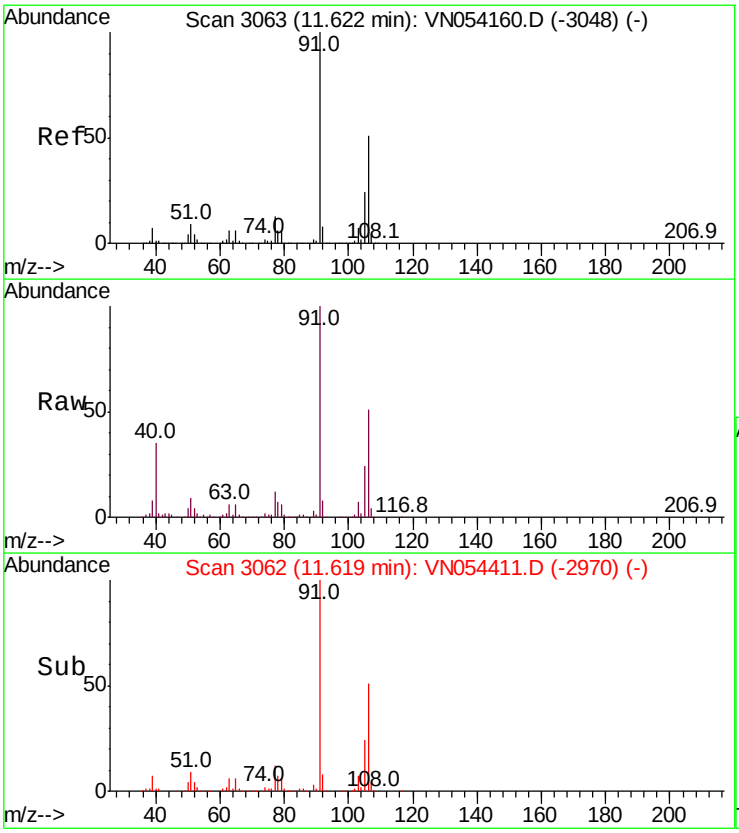
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Instrument : MSVOA_N
ClientSampleId : 30299

Tgt Ion:117 Resp: 2231858

Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.0	60.0
119	32.2	25.8	38.6

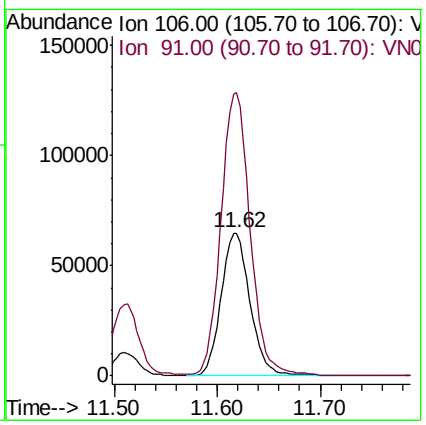


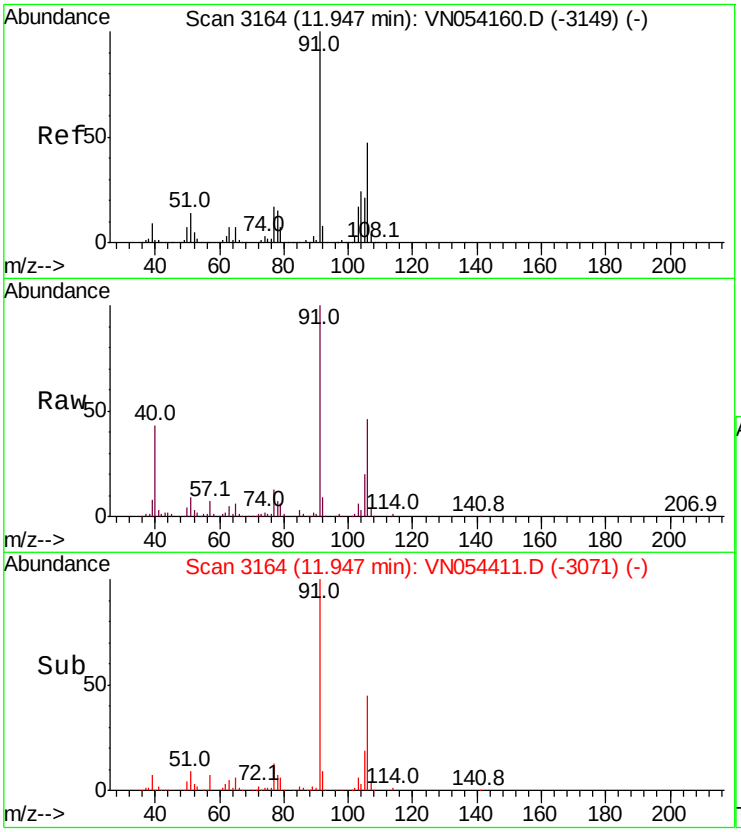


#68
m/p-Xylenes
Concen: 4.006 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion:106 Resp: 127205

Ion	Ratio	Lower	Upper
106	100		
91	199.7	159.4	239.2



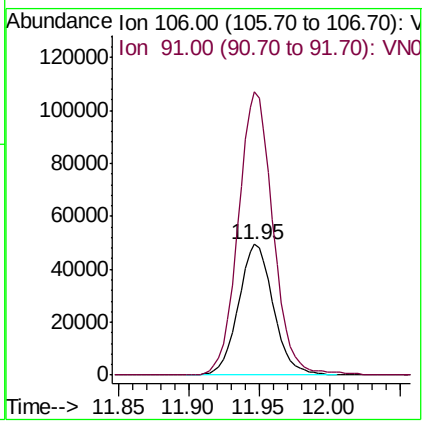


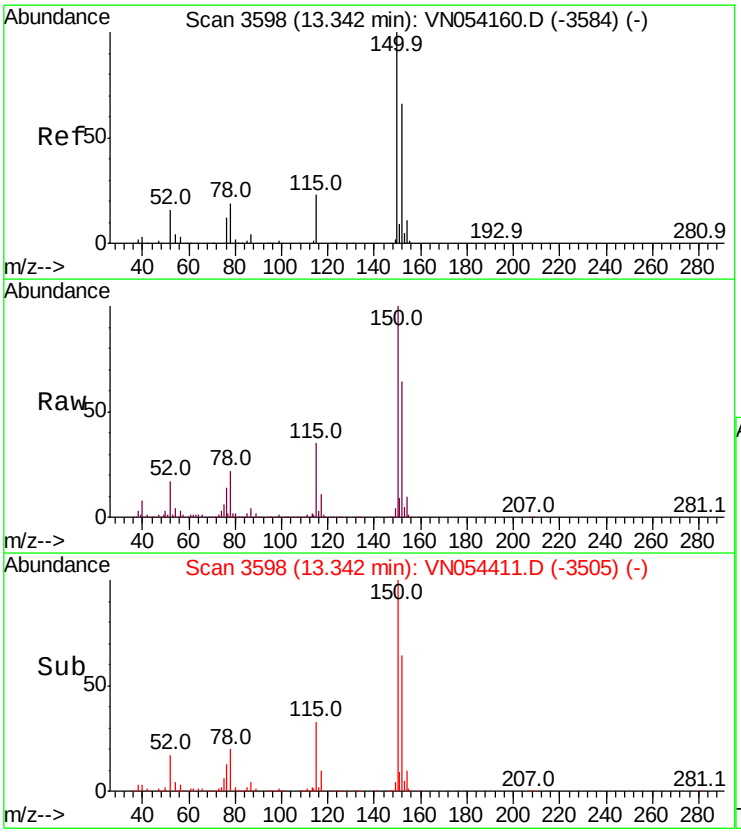
#69
o-Xylene
Concen: 2.780 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
30299

Tgt Ion:106 Resp: 86036

Ion	Ratio	Lower	Upper
106	100		
91	215.9	105.7	317.1

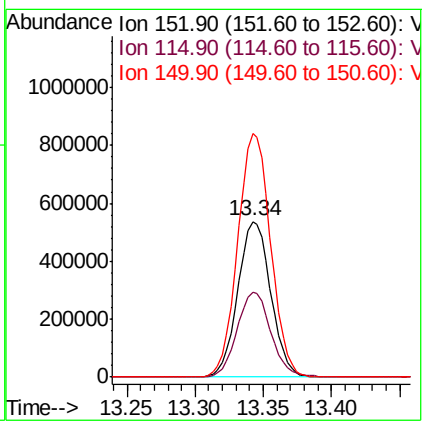


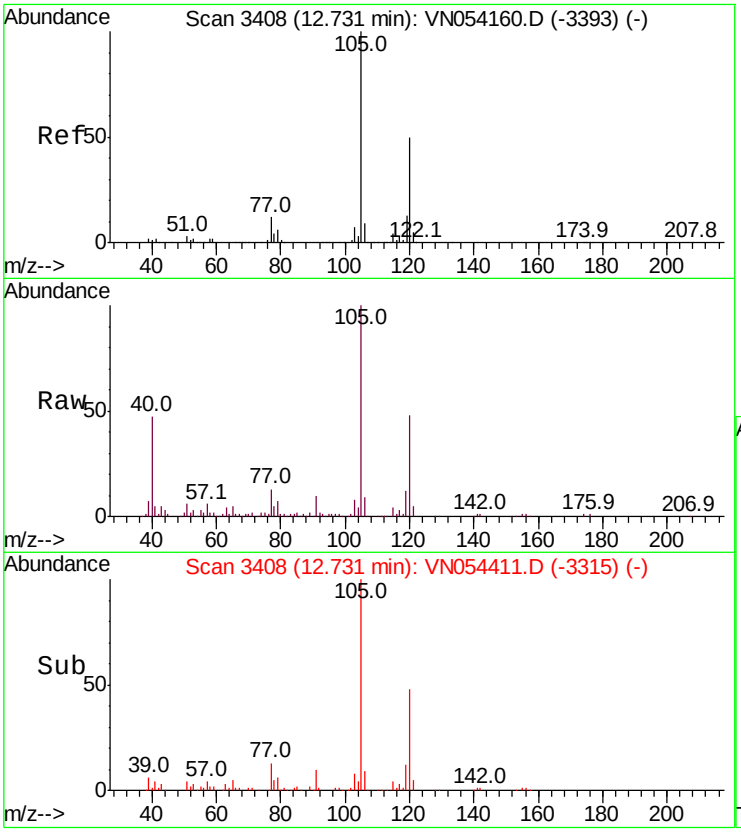


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion:152 Resp: 897766

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.2	81.6
150	157.1	0.0	349.2



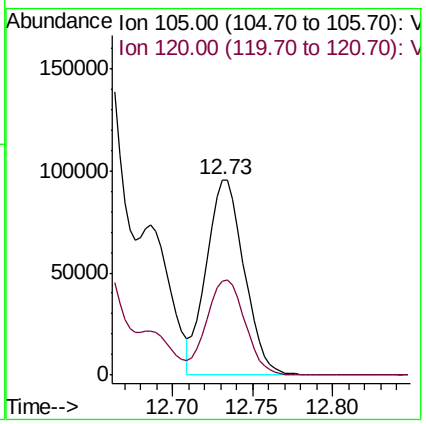


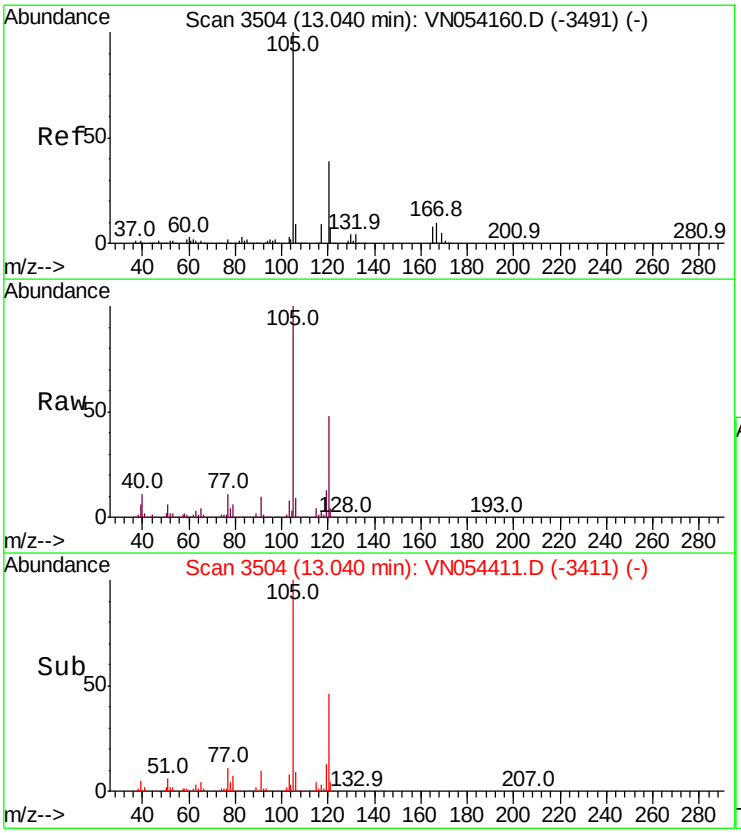
#80
1,3,5-Trimethylbenzene
Concen: 2.618 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
30299

Tgt Ion:105 Resp: 156388

Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.0	75.0

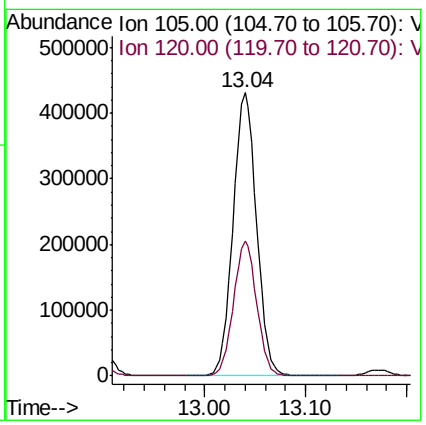


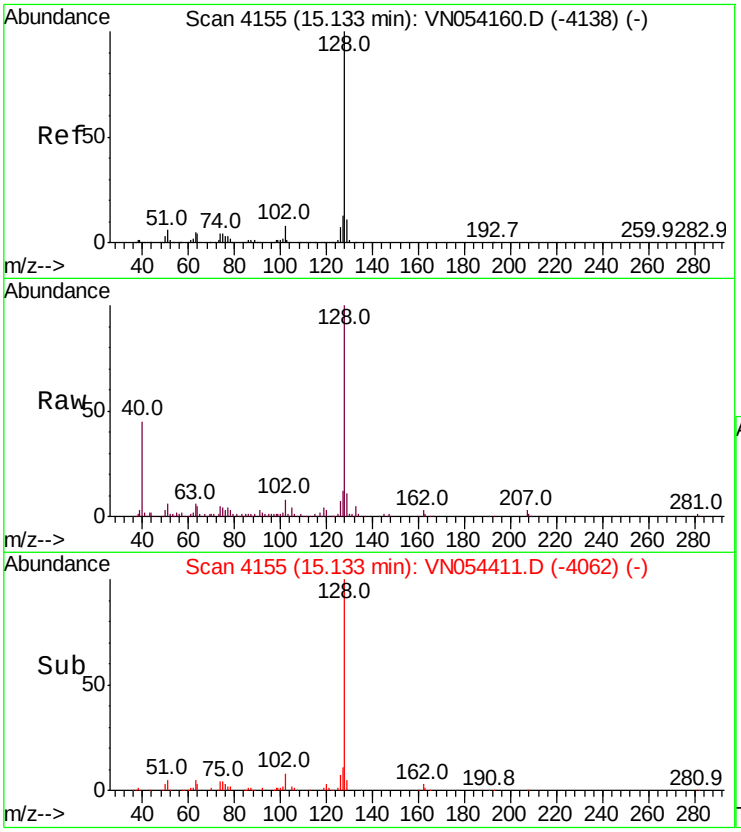


#84
1,2,4-Trimethylbenzene
Concen: 11.895 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion:105 Resp: 697221

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.3





#95
Naphthalene
Concen: 7.710 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
30299

Tgt Ion:128 Resp: 179432

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	11.0	8.7	13.1