Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054808.D
Acq On : 30 Mar 2019 17:45
Operator : JC/SP
Sample : K2176-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : QNWP8-MW24D-GW

Quant Time: Mar 30 23:41:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	526757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	857610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	725195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354826	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.94%			
35) Dibromofluoromethane	7.59	113	278803	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
50) Toluene-d8	10.09	98	1017284	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.72%			
62) 4-Bromofluorobenzene	12.40	95	337303	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.42%			
Target Compounds						Qvalue
40) Benzene	8.04	78	240082	10.499	ug/l	96
52) Toluene	10.16	92	13230	0.972	ug/l	98
67) Ethyl Benzene	11.51	91	161378	6.298	ug/l	95
68) m/p-Xylenes	11.63	106	39126	4.126	ug/l	94
69) o-Xylene	11.95	106	25095	2.699	ug/l	90
73) Isopropylbenzene	12.25	105	25322	0.998	ug/l	96
78) n-propylbenzene	12.59	91	10067	0.361	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	18924	0.909	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	90853	4.580	ug/l	97
95) Naphthalene	15.13	128	3694199	330.165	ug/l	99

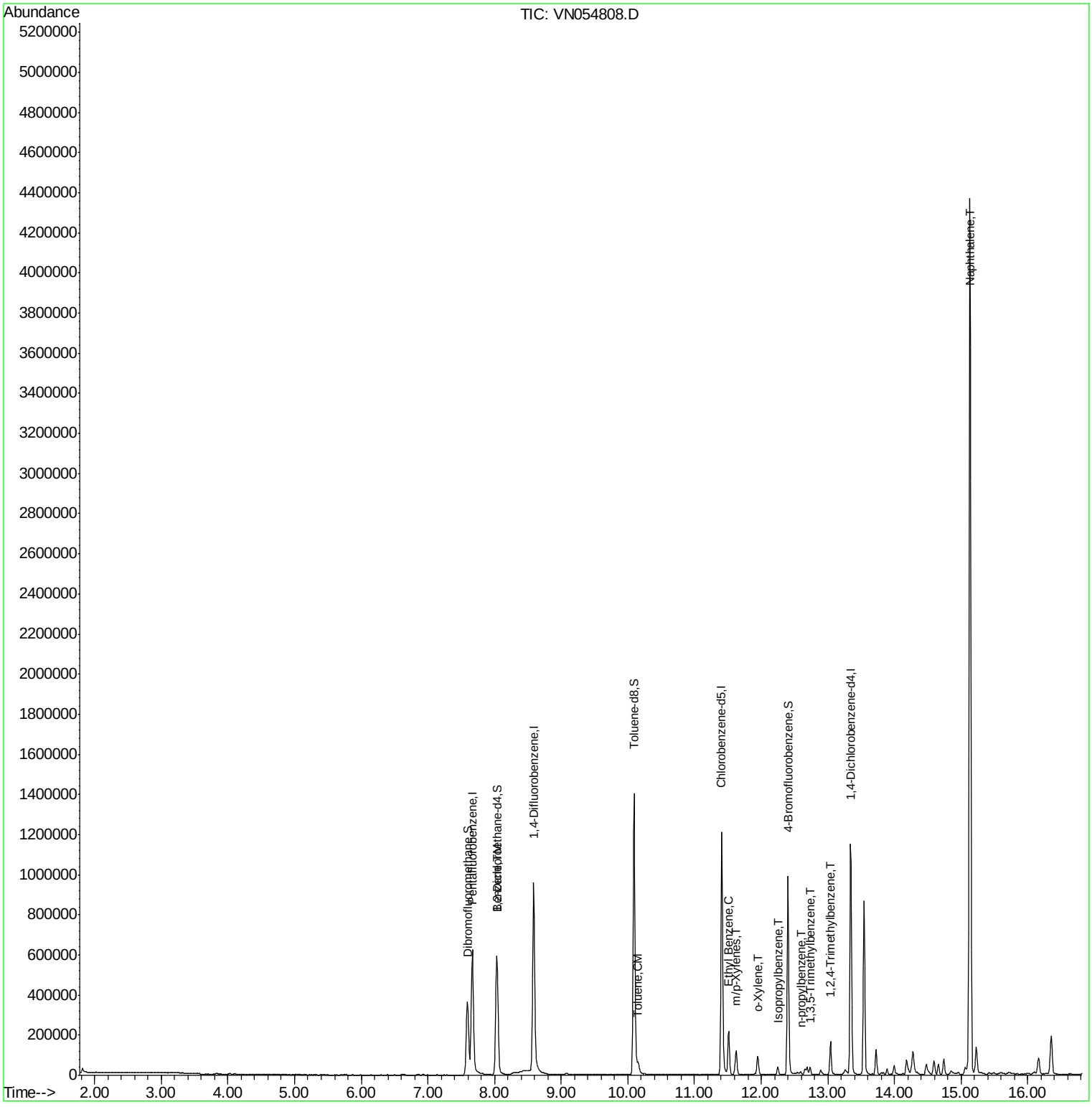
(#) = qualifier out of range (m) = manual integration (+) = signals summed

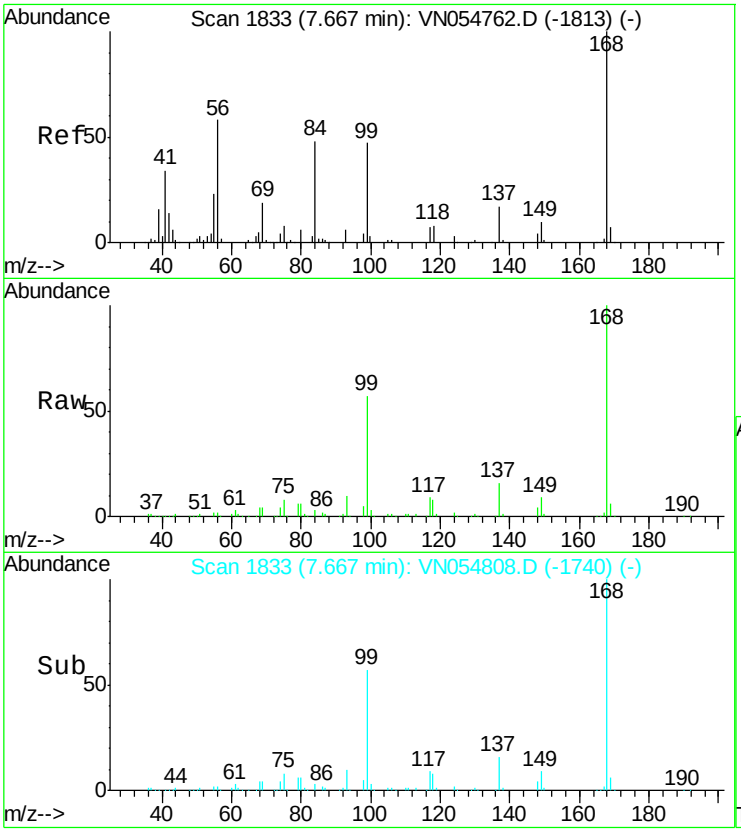
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054808.D
Acq On : 30 Mar 2019 17:45
Operator : JC/SP
Sample : K2176-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Quant Time: Mar 30 23:41:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration



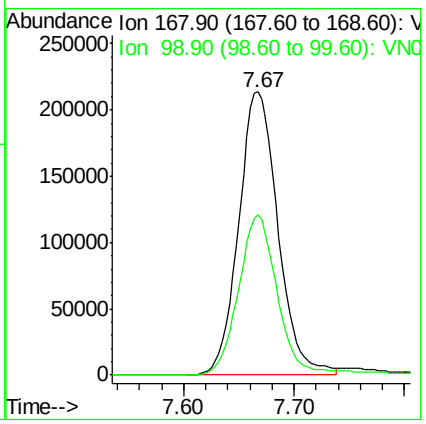


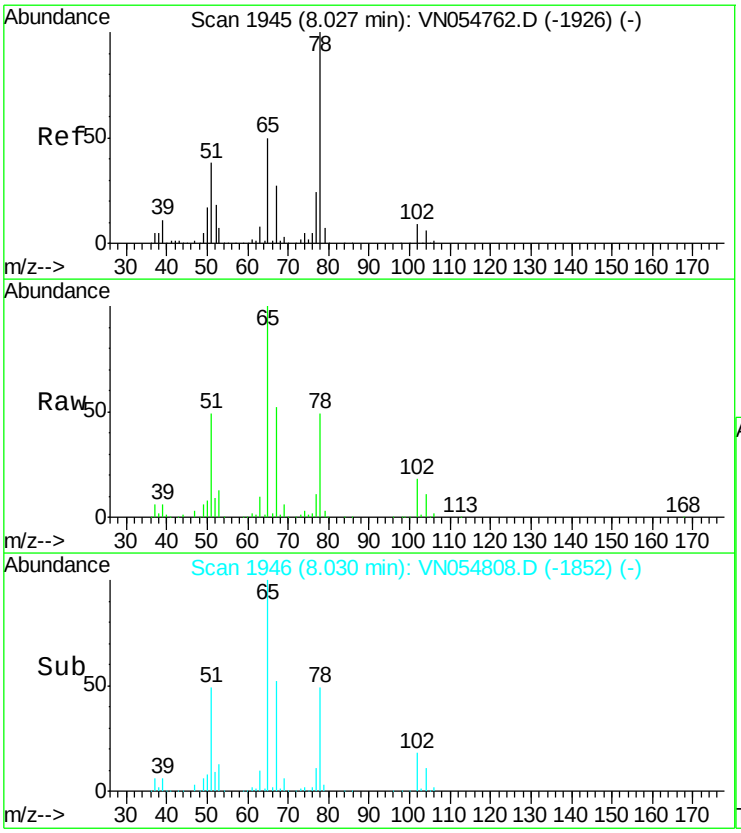
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:168 Resp: 526757

Ion	Ratio	Lower	Upper
168	100		
99	56.6	37.1	55.7#

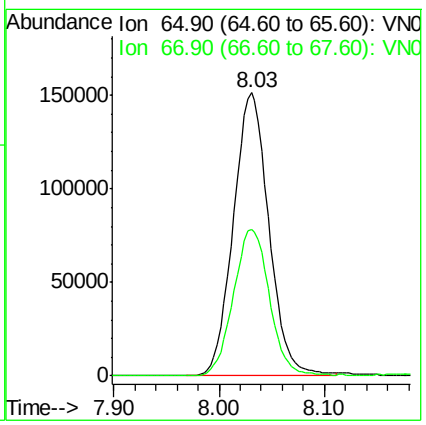


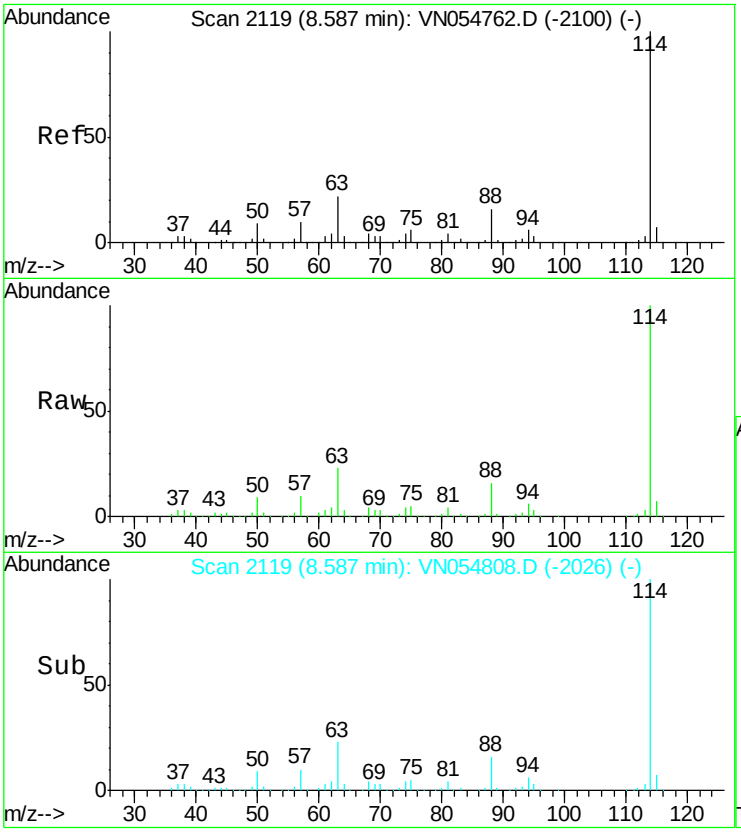


#33
1,2-Dichloroethane-d4
Concen: 49.970 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion: 65 Resp: 354826

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.6



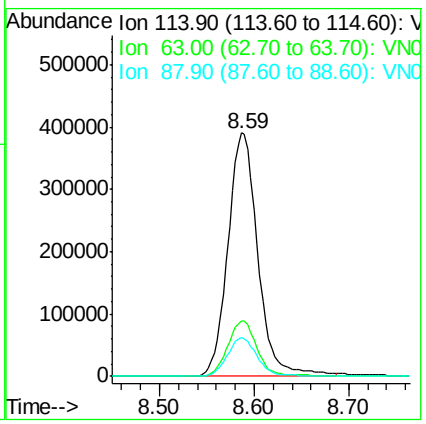


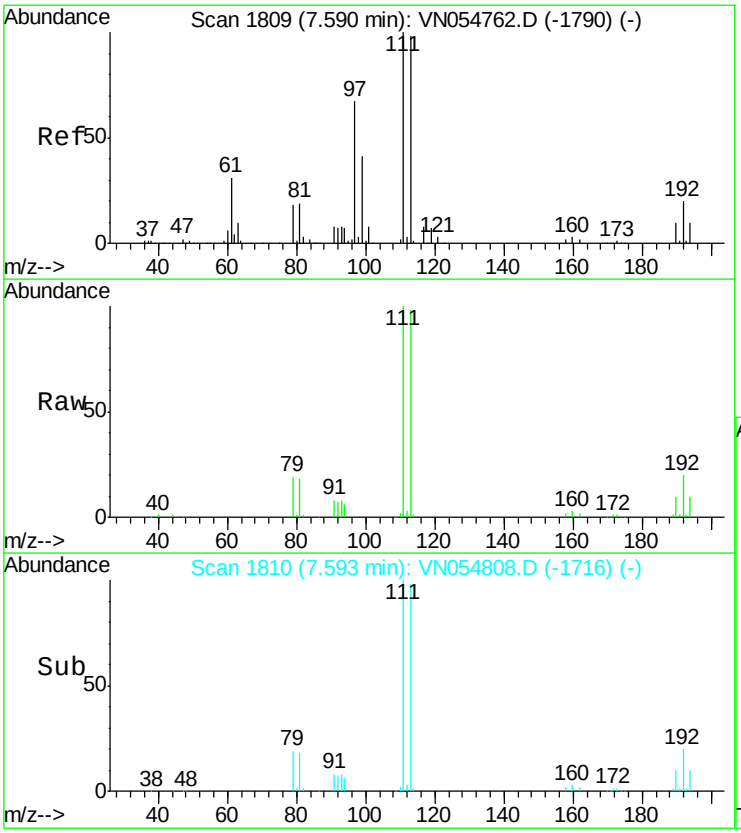
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:114 Resp: 857610

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	35.2
88	16.0	0.0	30.2

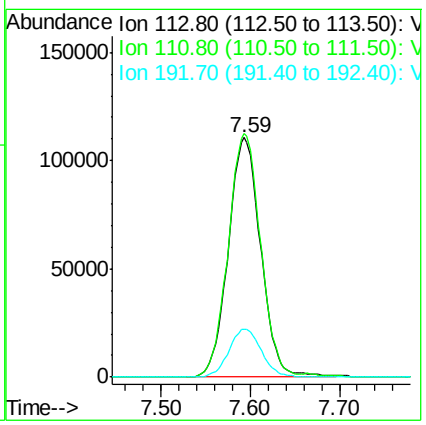


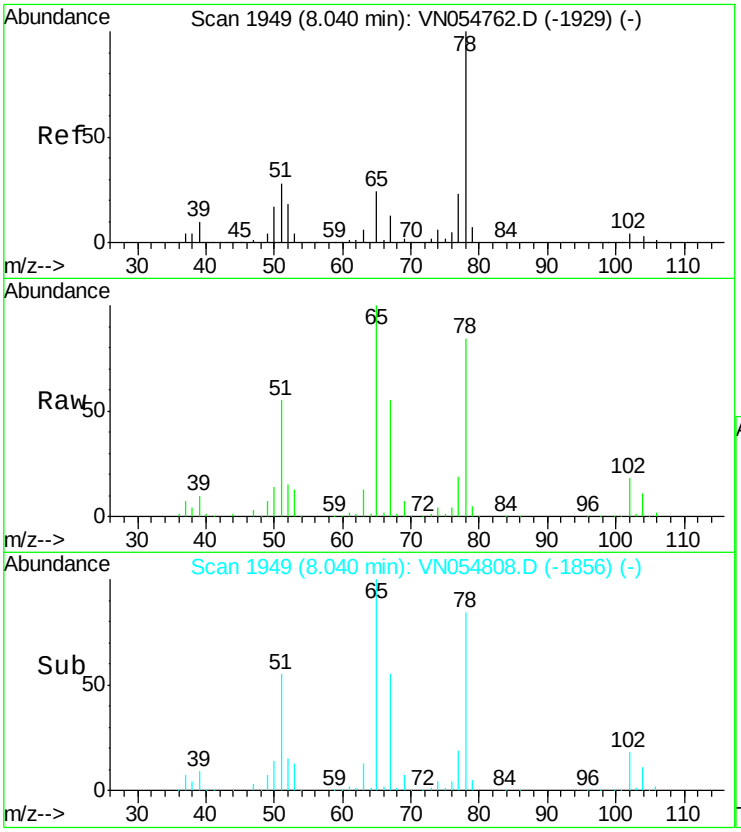


#35
Dibromofluoromethane
Concen: 48.762 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion:113 Resp: 278803

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	20.1	19.2	28.8



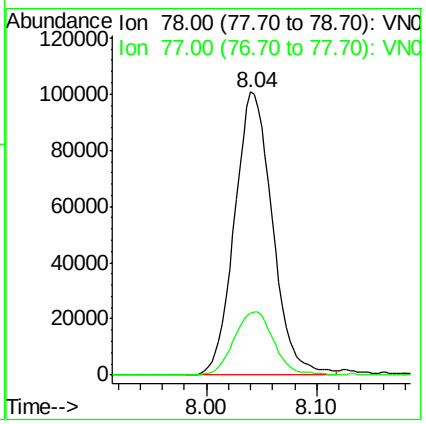


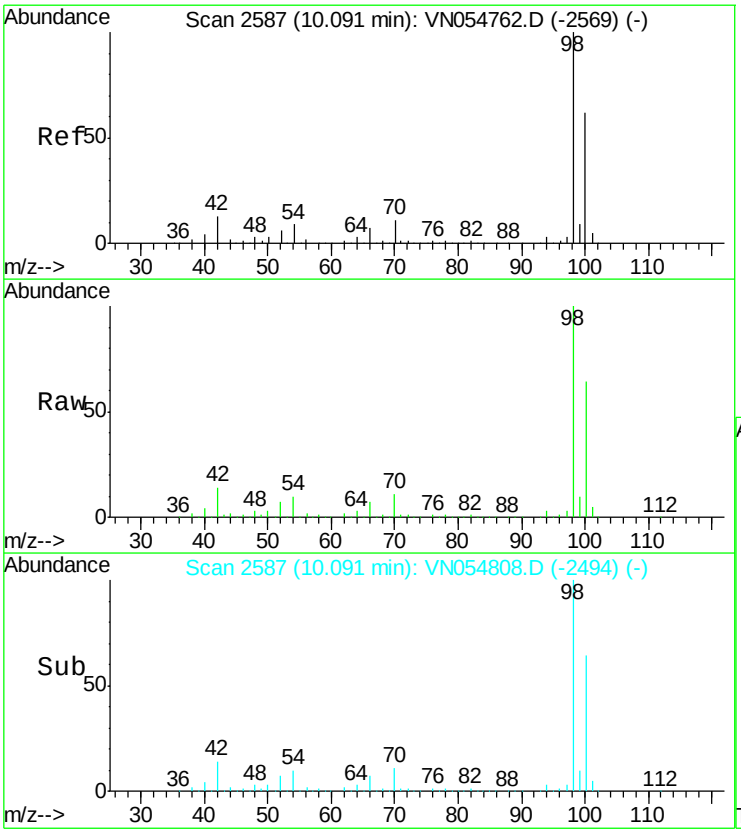
#40
Benzene
Concen: 10.499 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion: 78 Resp: 240082

Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.1	28.7

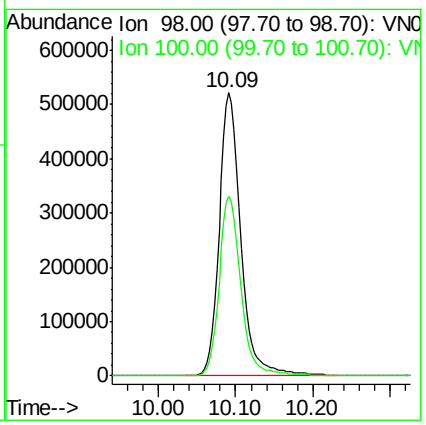


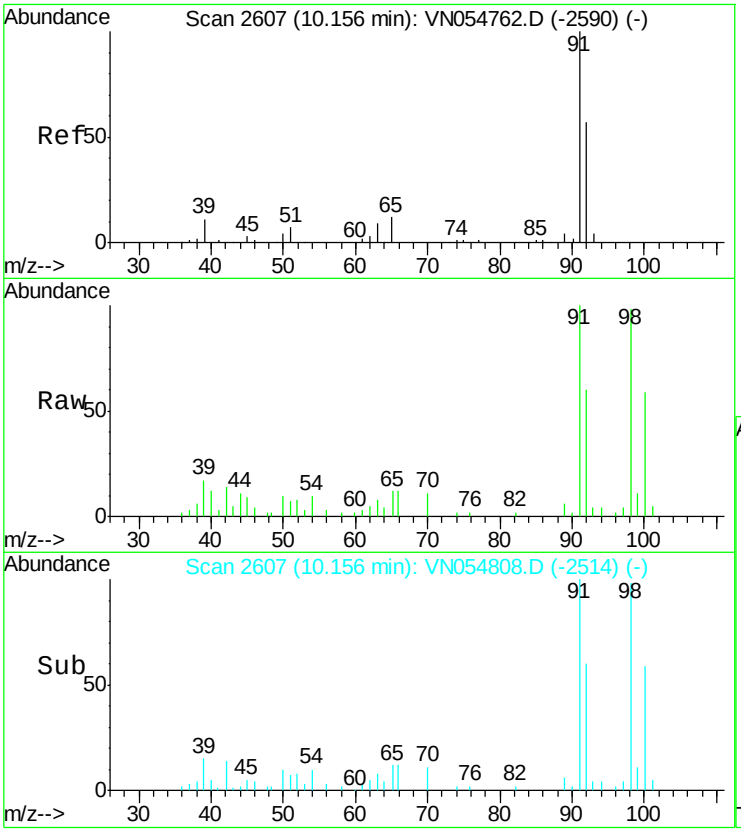


#50
Toluene-d8
Concen: 47.857 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion: 98 Resp: 1017284

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



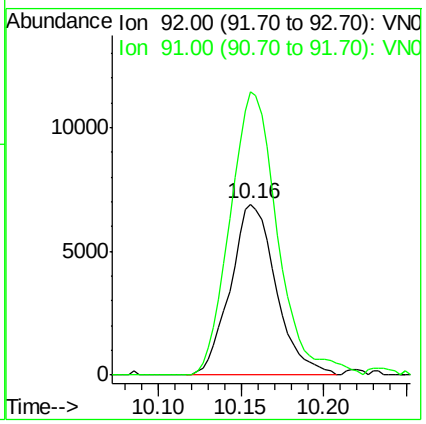


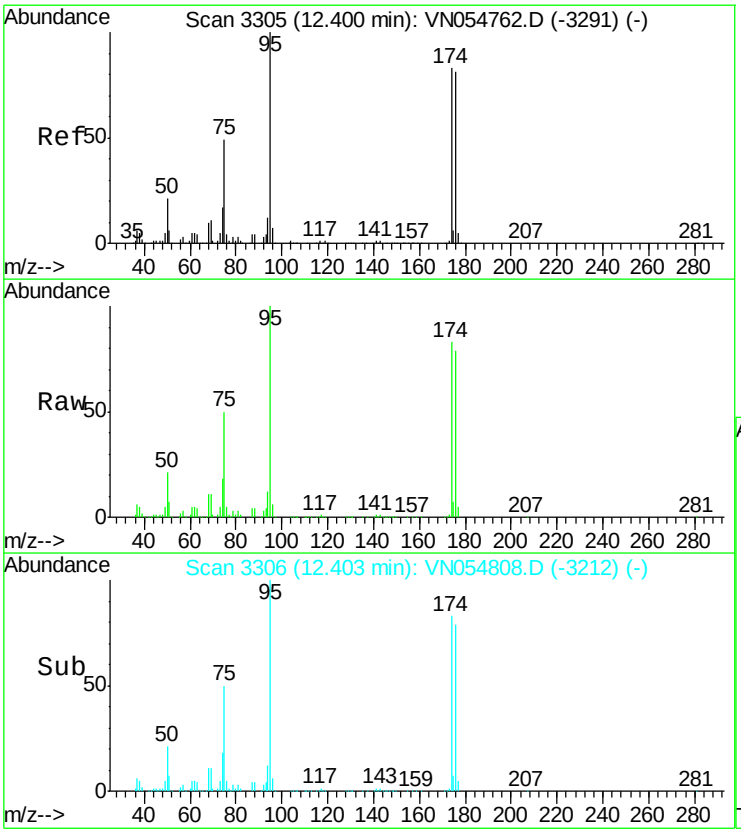
#52
Toluene
Concen: 0.972 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion: 92 Resp: 13230

Ion	Ratio	Lower	Upper
92	100		
91	172.6	140.7	211.1

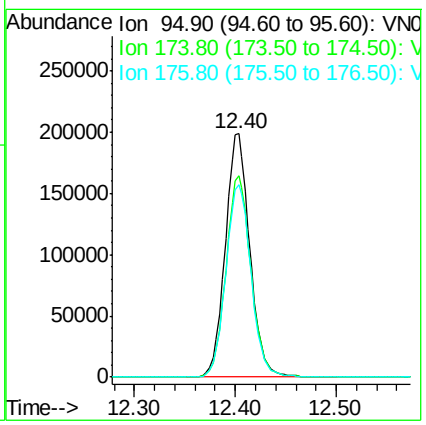


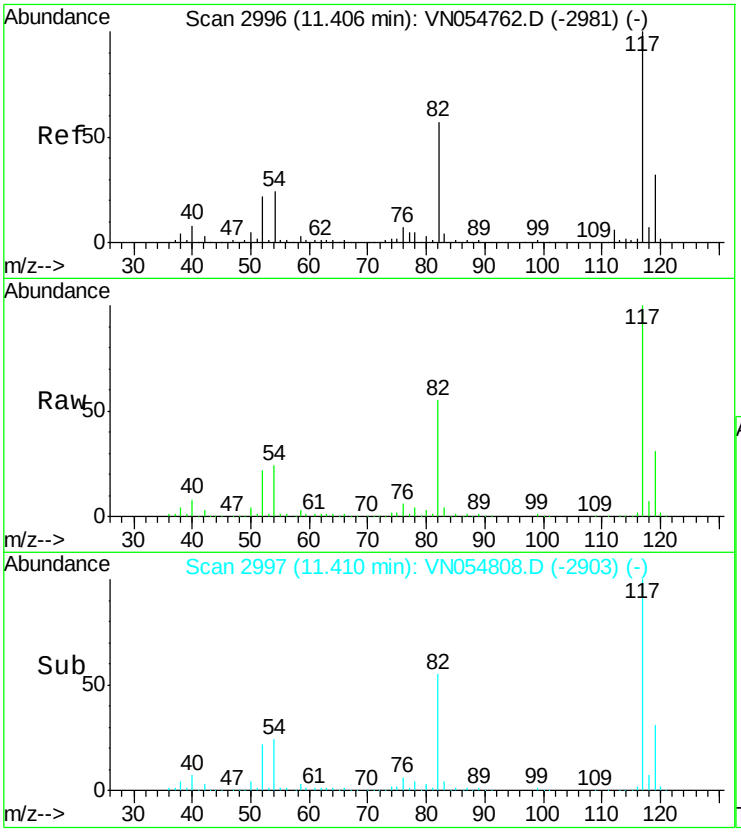


#62
4-Bromofluorobenzene
Concen: 47.712 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion: 95 Resp: 337303

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	191.0
176	81.1	0.0	187.4



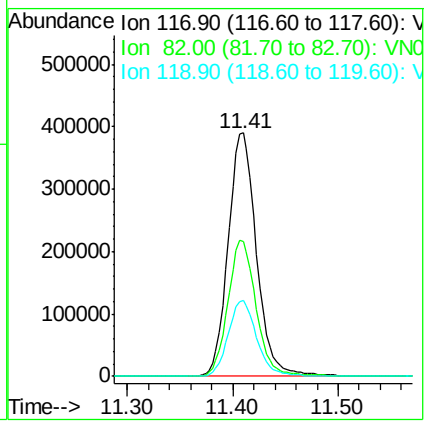


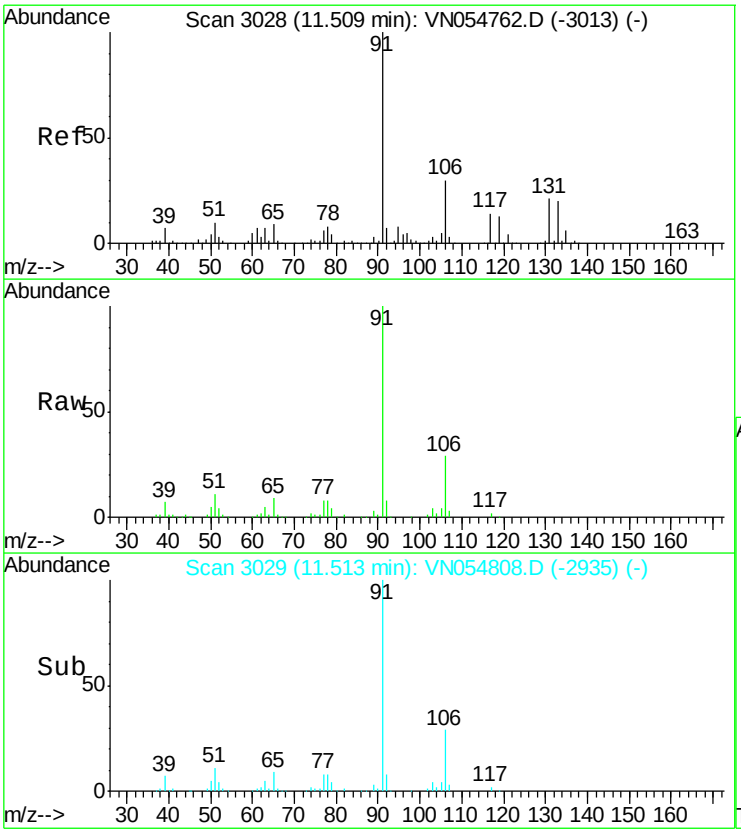
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument : MSVOA_N
ClientSampleId : QNWP8-MW24D-GW

Tgt Ion:117 Resp: 725195

Ion	Ratio	Lower	Upper
117	100		
82	55.1	40.0	60.0
119	31.2	25.8	38.6

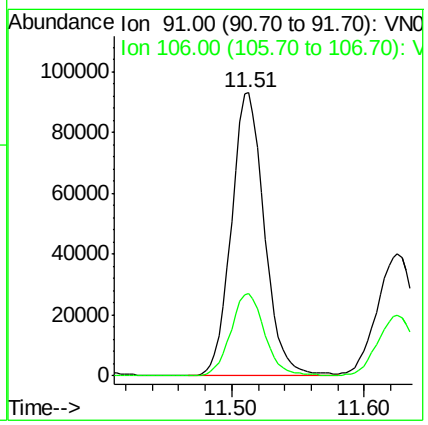


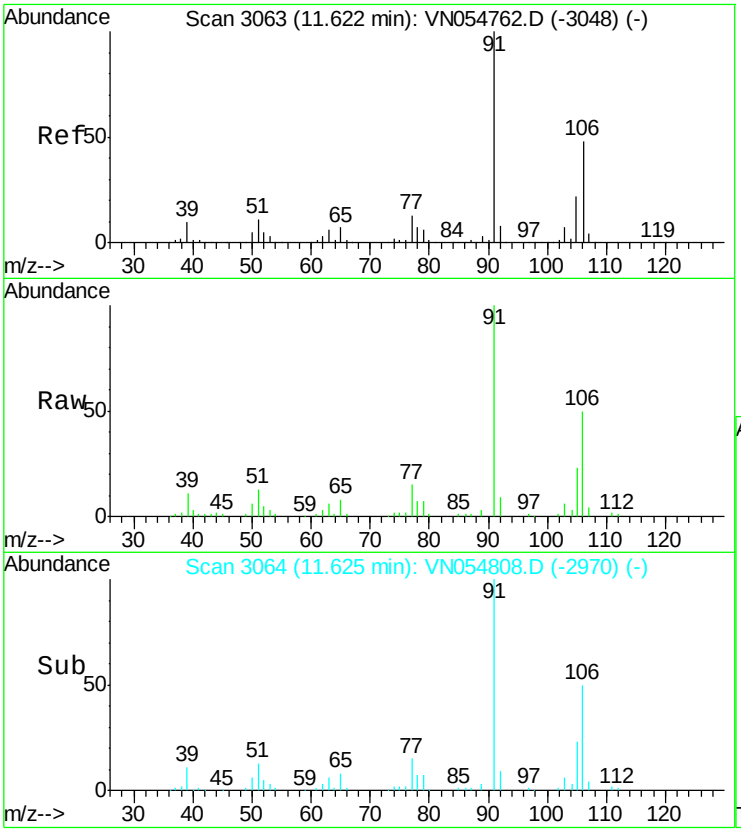


#67
Ethyl Benzene
Concen: 6.298 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion: 91 Resp: 161378

Ion	Ratio	Lower	Upper
91	100		
106	29.1	25.5	38.3



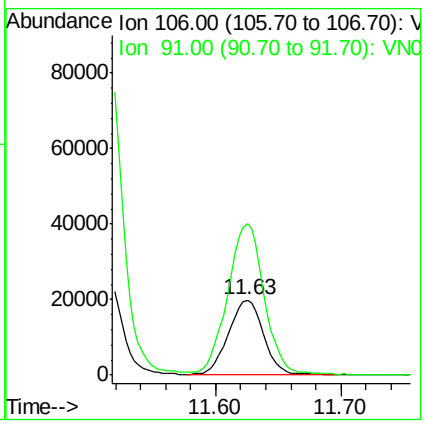


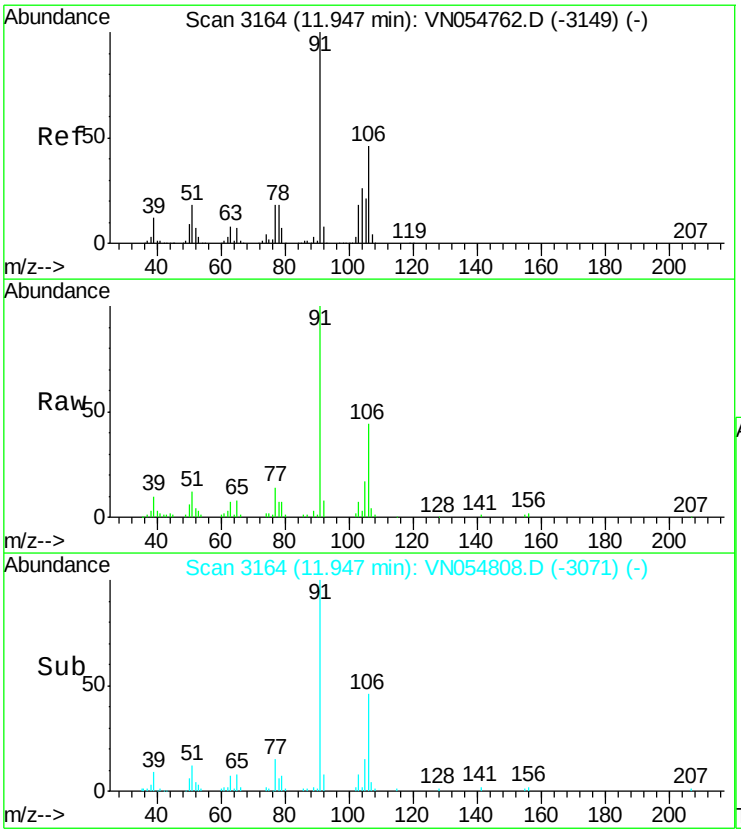
#68
m/p-Xylenes
Concen: 4.126 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:106 Resp: 39126

Ion	Ratio	Lower	Upper
106	100		
91	208.8	159.4	239.2

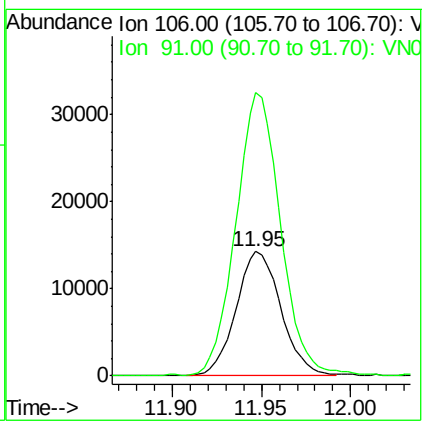


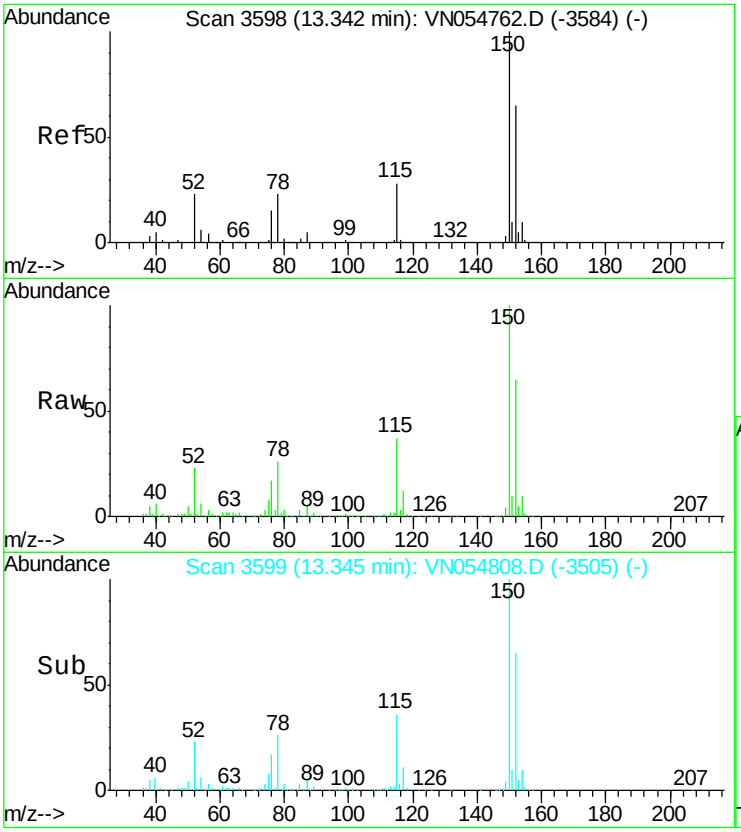


#69
o-Xylene
Concen: 2.699 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion:106 Resp: 25095

Ion	Ratio	Lower	Upper
106	100		
91	227.4	105.7	317.1



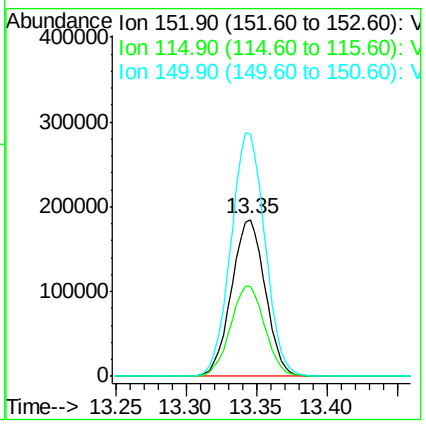


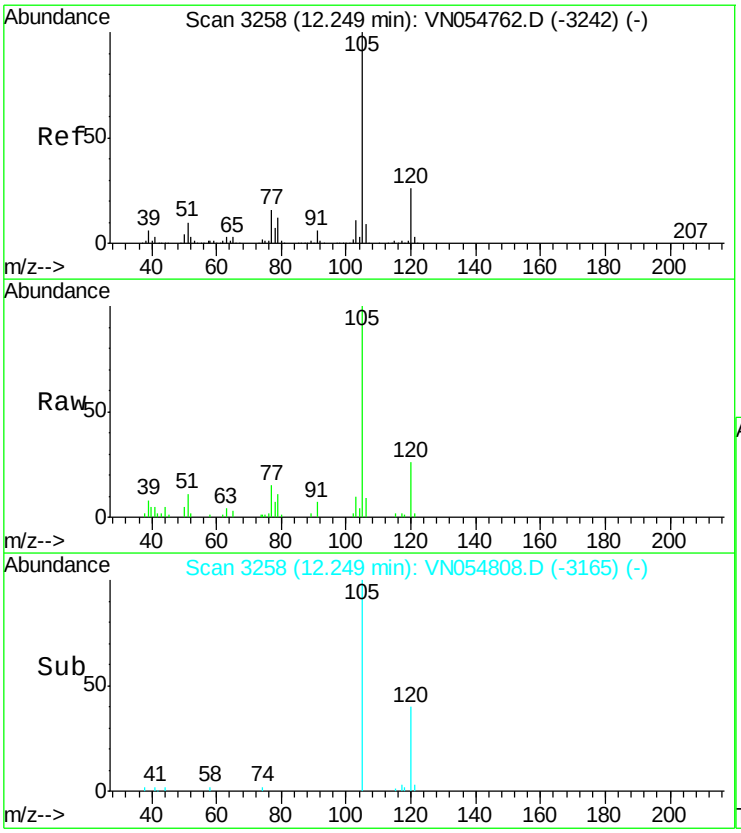
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:152 Resp: 310451

Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.2	81.6
150	157.0	0.0	349.2

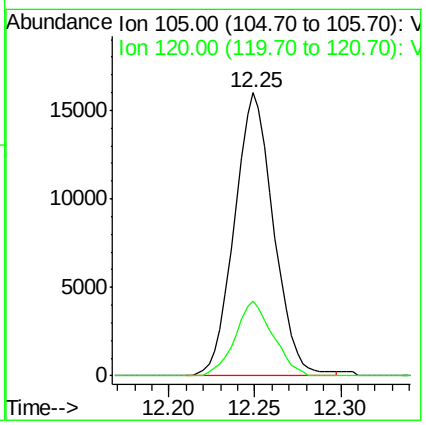


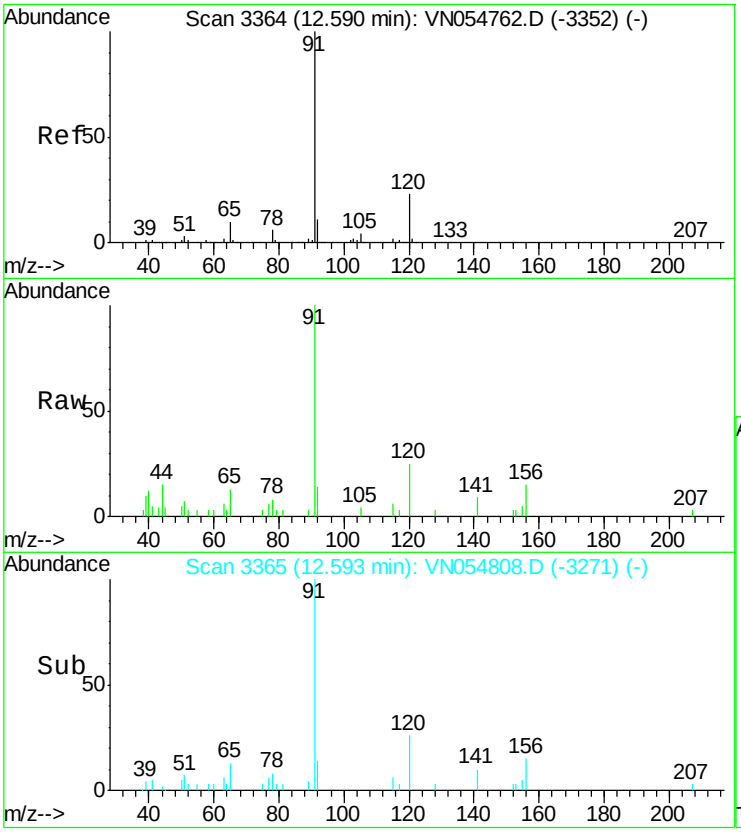


#73
Isopropylbenzene
Concen: 0.998 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion:105 Resp: 25322

Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.8	41.3



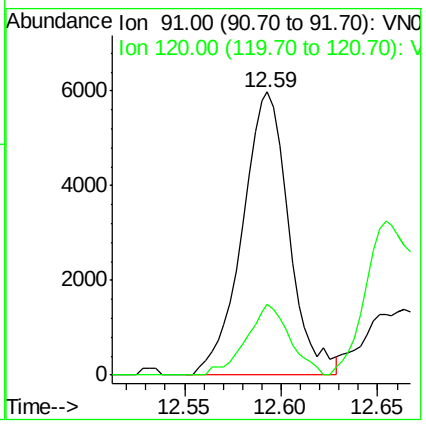


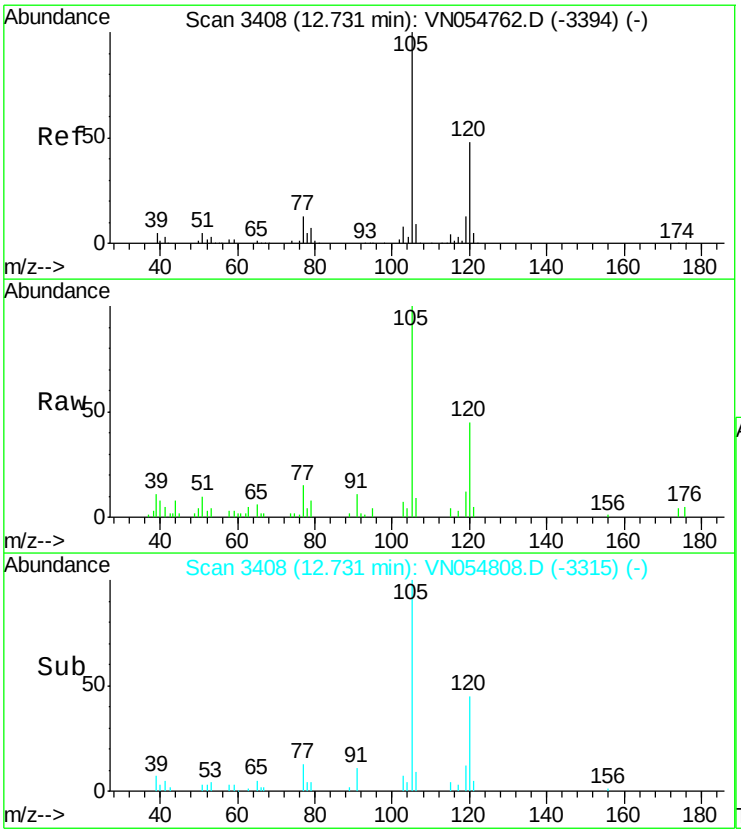
#78
n-propylbenzene
Concen: 0.361 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion: 91 Resp: 10067

Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.3	36.9

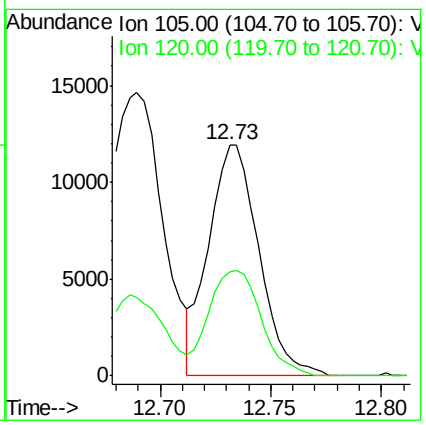


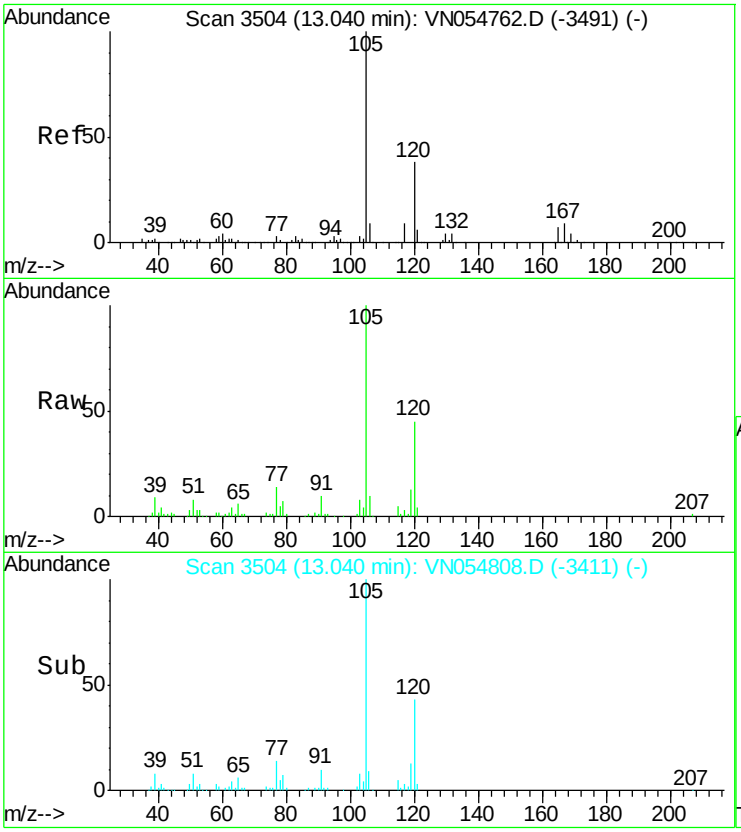


#80
1,3,5-Trimethylbenzene
Concen: 0.909 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion:105 Resp: 18924

Ion	Ratio	Lower	Upper
105	100		
120	47.7	25.0	75.0



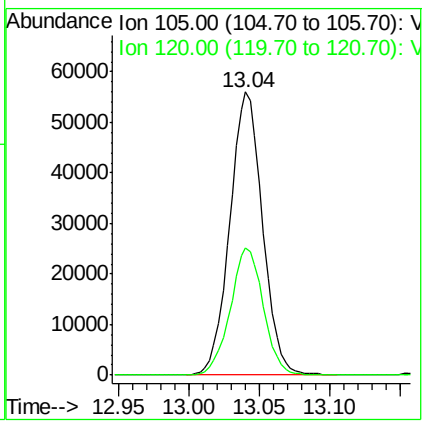


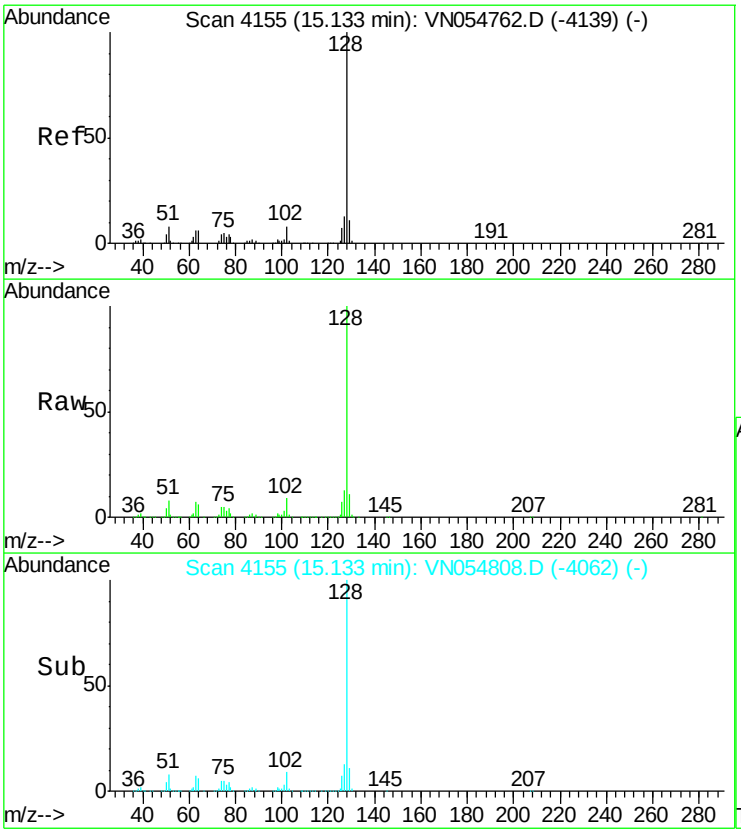
#84
1,2,4-Trimethylbenzene
Concen: 4.580 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tgt Ion:105 Resp: 90853

Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.4	70.3





#95
Naphthalene
Concen: 330.165 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion:128 Resp: 3694199

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	11.0	8.7	13.1