Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051129.D
Acq On : 11 Sep 2018 16:01
Operator : MD\SY
Sample : J4849-09DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-GDL

Quant Time: Sep 12 09:48:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	684912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	398349	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.52%			
35) Dibromofluoromethane	7.59	113	385644	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
50) Toluene-d8	10.09	98	1446208	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.90%			
62) 4-Bromofluorobenzene	12.40	95	461832	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.56%			
Target Compounds						Qvalue
73) Isopropylbenzene	12.25	105	685023	21.35	ug/l	100
78) n-propylbenzene	12.59	91	1533941	43.50	ug/l	98
83) tert-Butylbenzene	12.99	119	131802	5.76	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	291581	11.43	ug/l	99
85) sec-Butylbenzene	13.17	105	640155	21.80	ug/l	81
86) p-Isopropyltoluene	13.29	119	241804	9.71	ug/l	99
89) n-Butylbenzene	13.62	91	269894	13.93	ug/l #	74

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

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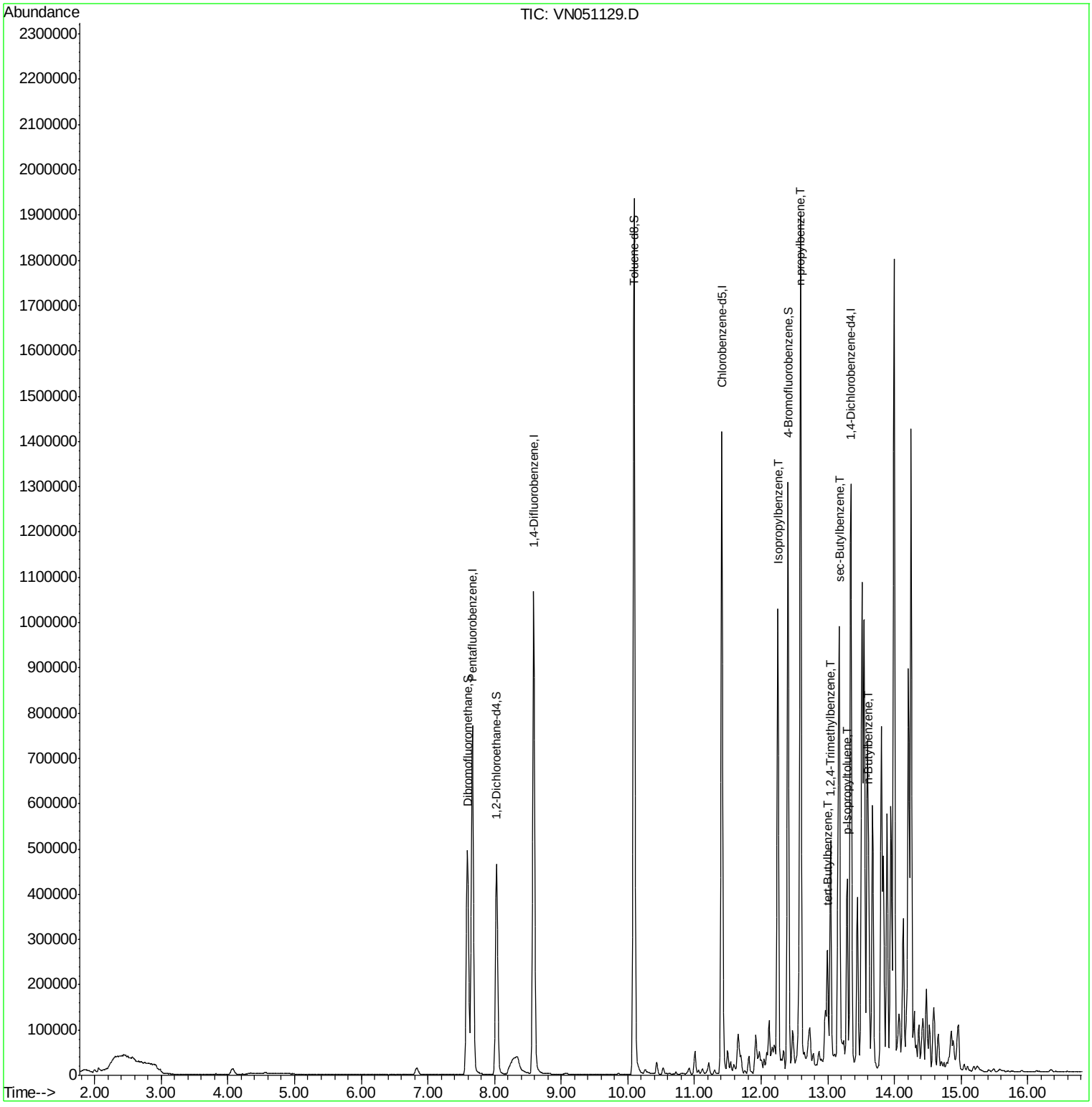
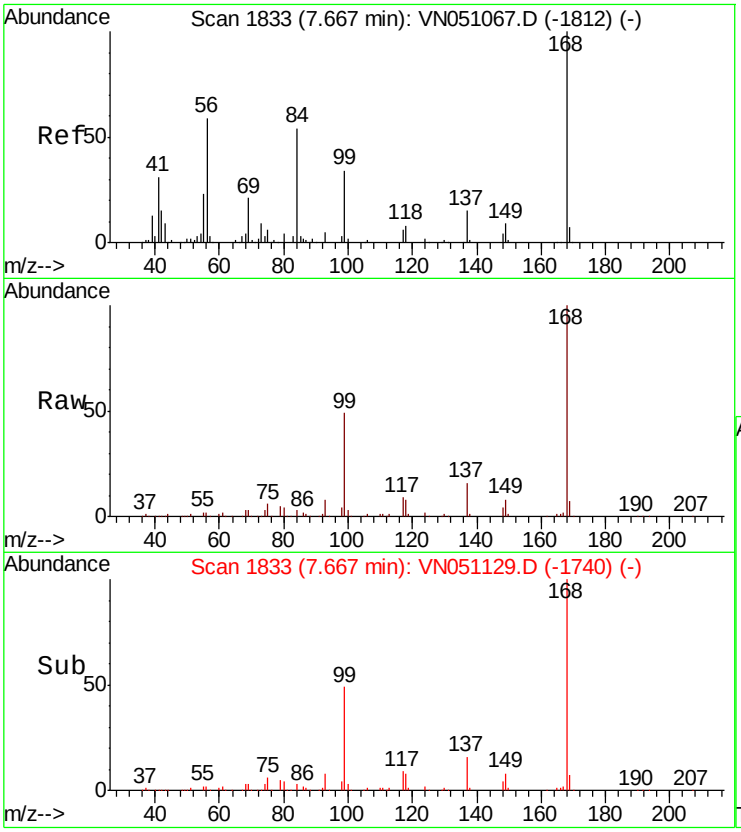


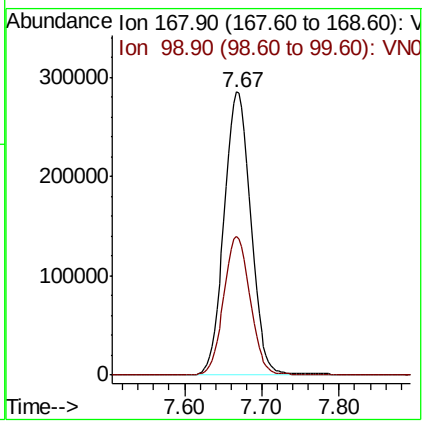


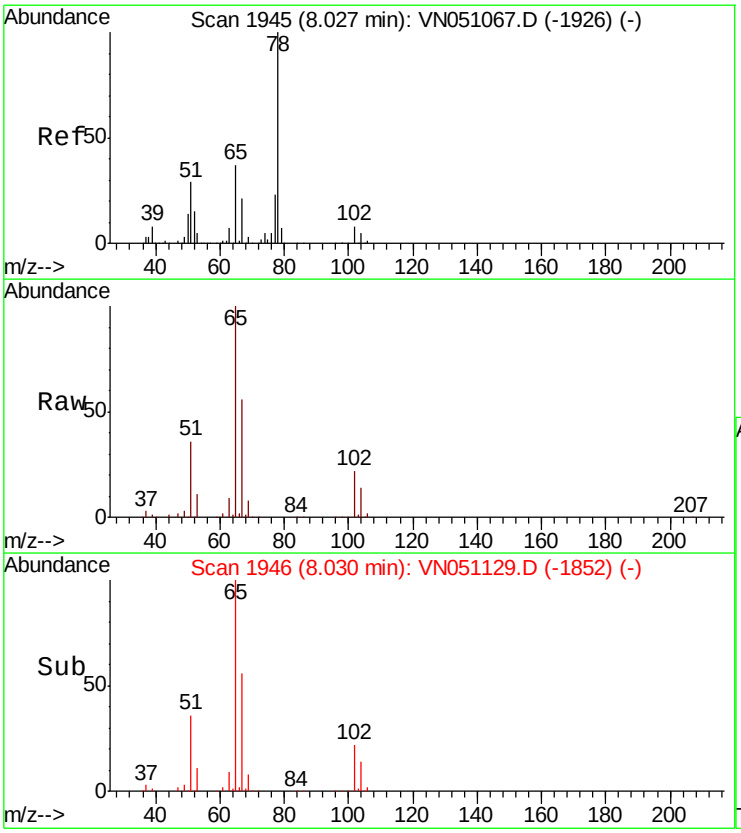
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-GDL

Tgt Ion:168 Resp: 684912

Ion	Ratio	Lower	Upper
168	100		
99	49.2	38.3	57.5

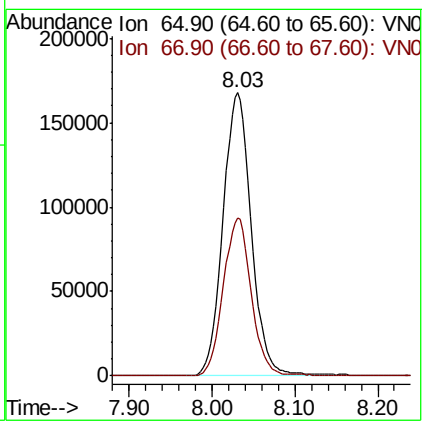


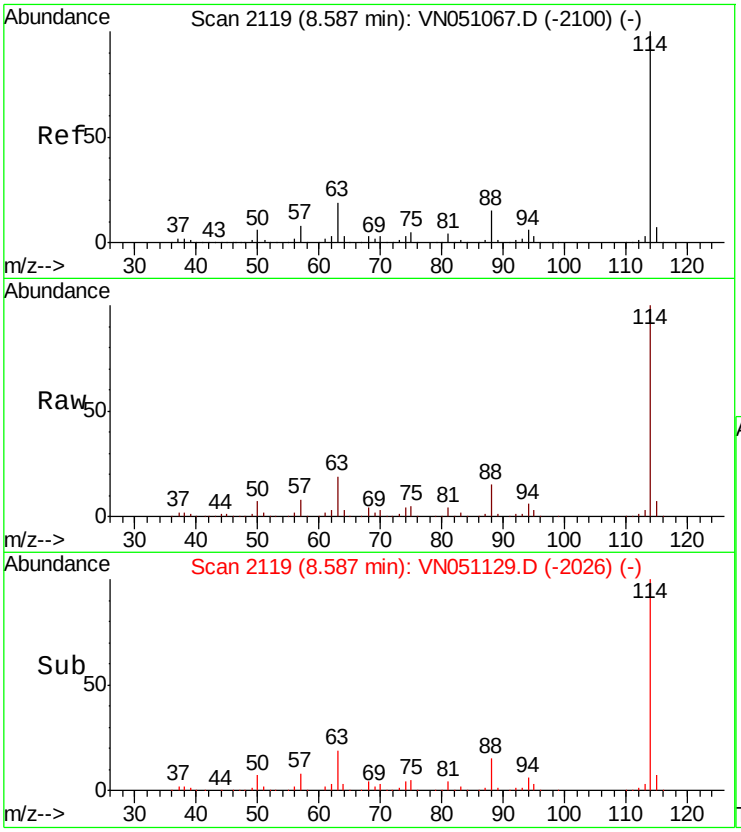


#33
1,2-Dichloroethane-d4
Concen: 52.26 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion: 65 Resp: 398349

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	112.0



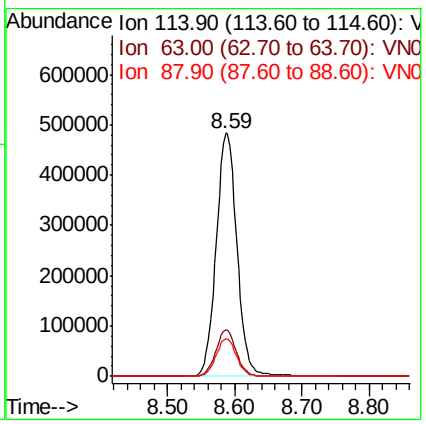


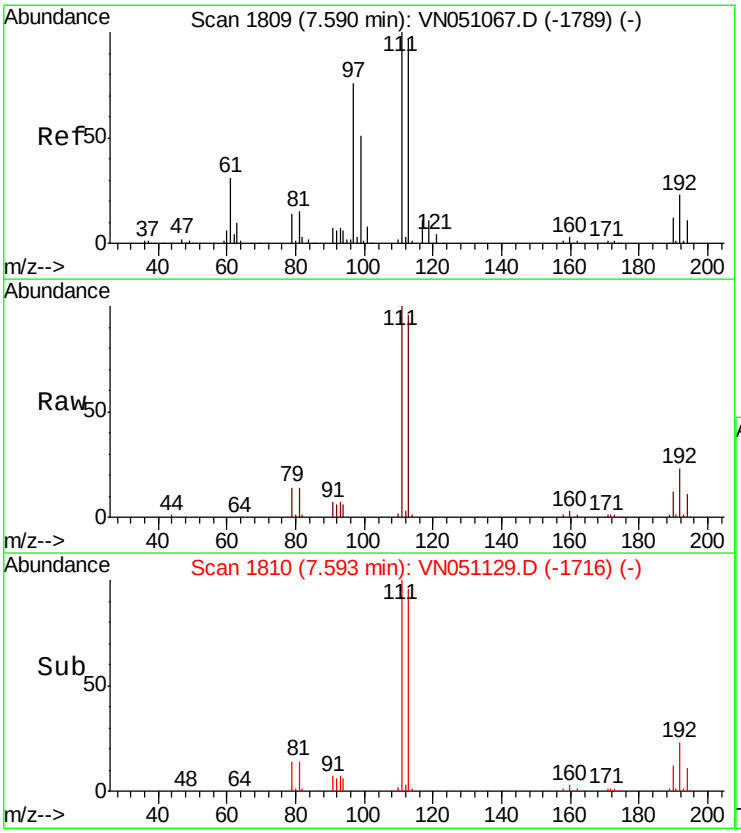
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Instrument : MSVOA_N
ClientSampleId : EP1-MW-GDL

Tgt Ion:114 Resp: 1046774

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.8
88	15.5	0.0	30.8

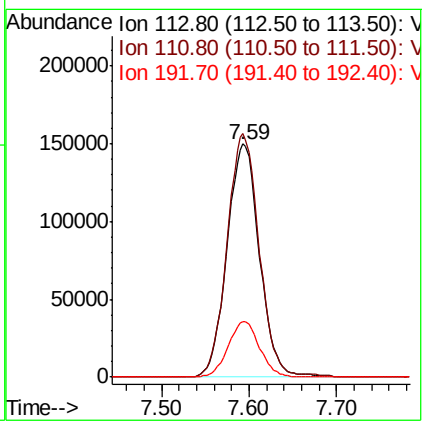


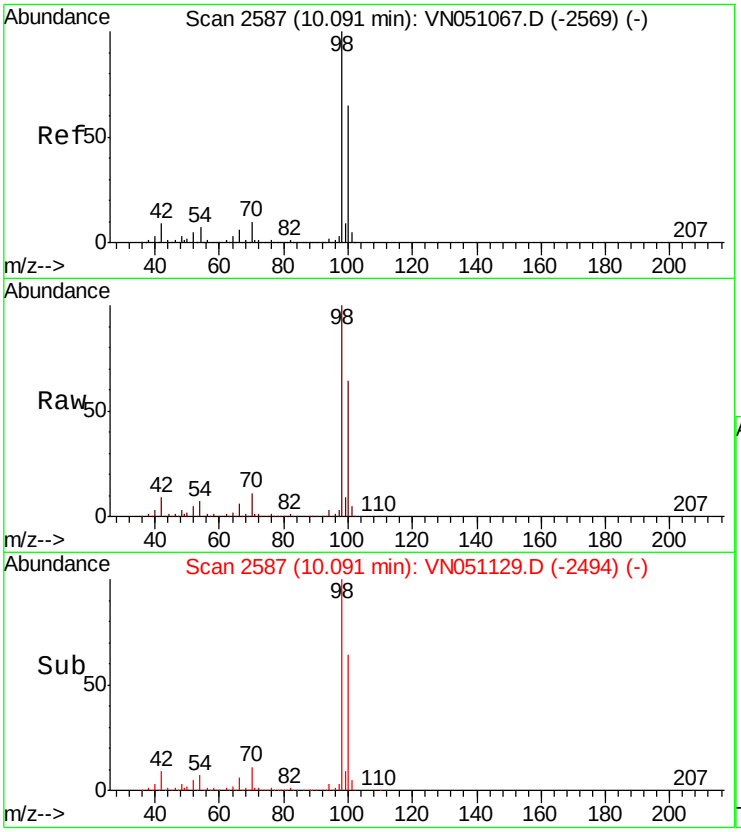


#35
Dibromofluoromethane
Concen: 49.03 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion:113 Resp: 385644

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.6
192	23.0	18.7	28.1



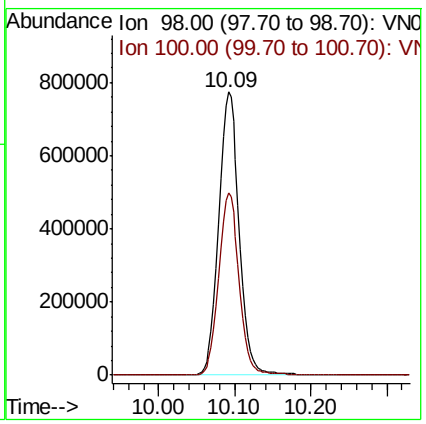


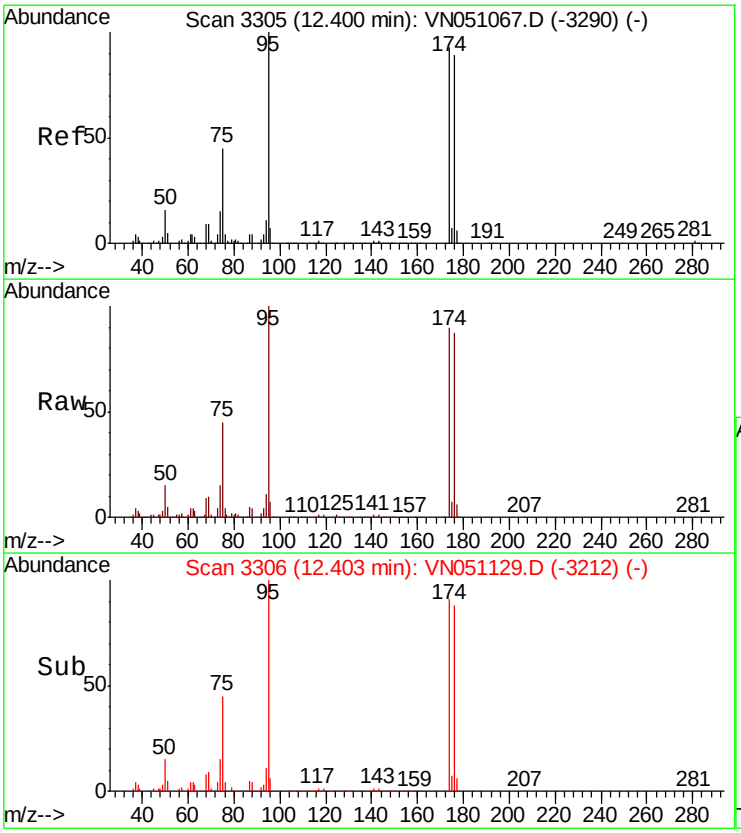
#50
Toluene-d8
Concen: 48.45 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-GDL

Tgt Ion: 98 Resp: 1446208

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0

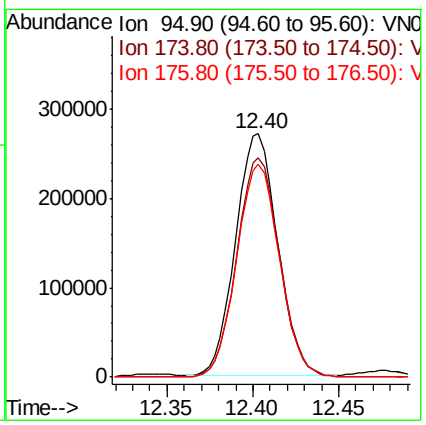


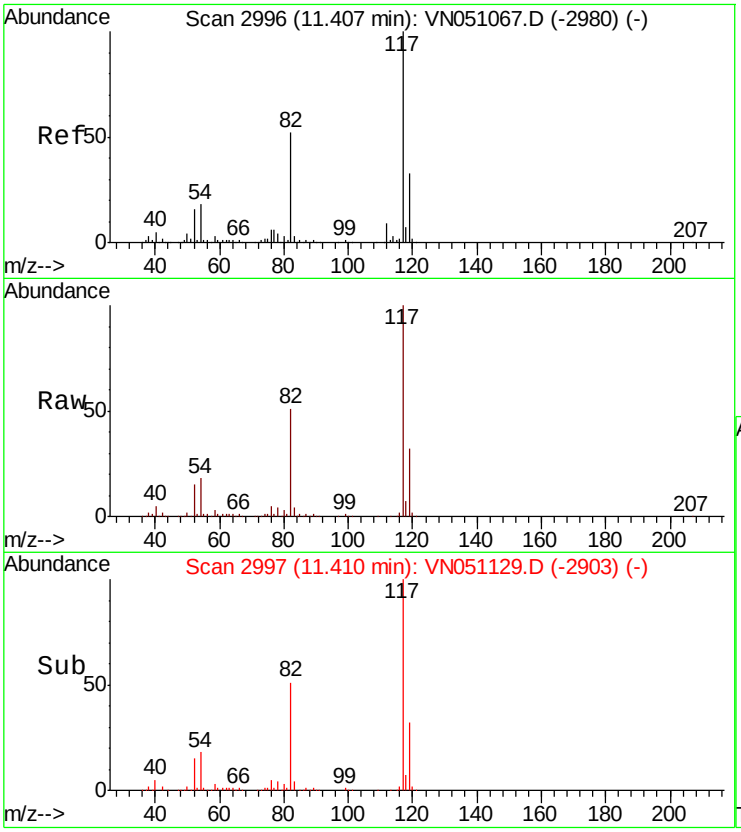


#62
4-Bromofluorobenzene
Concen: 46.78 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion: 95 Resp: 461832

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	184.8
176	89.3	0.0	178.6



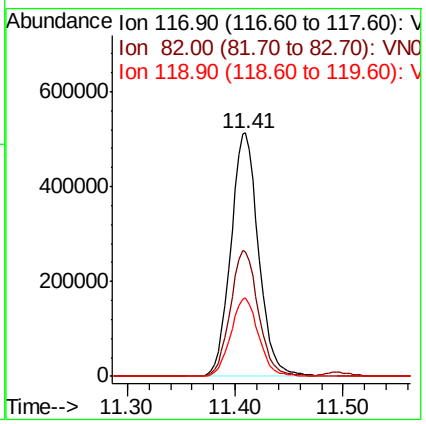


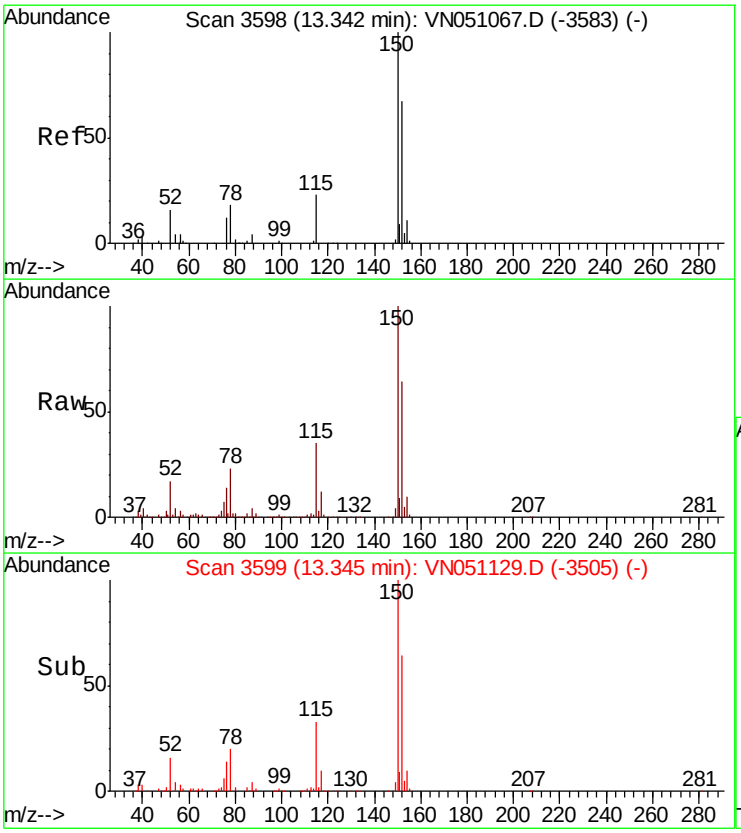
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Instrument : MSVOA_N
ClientSampleId : EP1-MW-GDL

Tgt Ion:117 Resp: 918566

Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.8	62.6
119	32.1	26.2	39.2

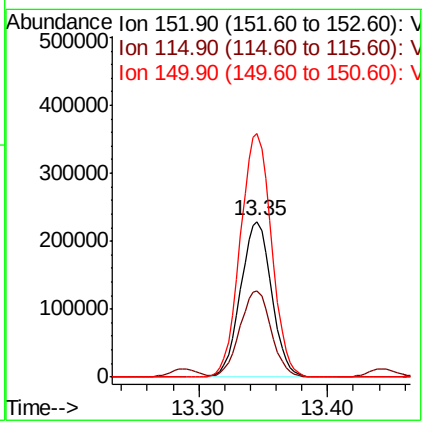


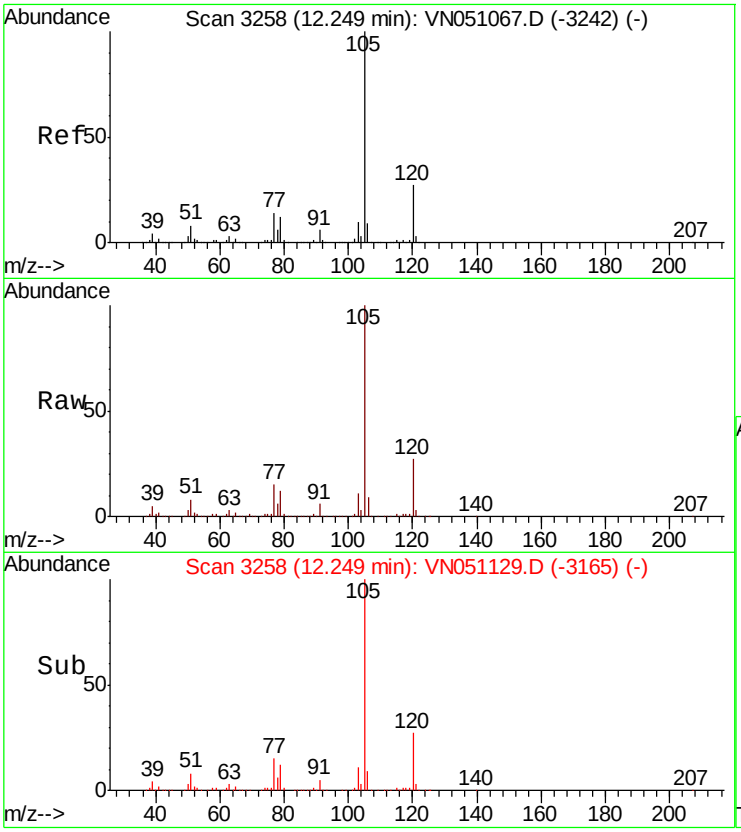


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion:152 Resp: 382541

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	158.3	0.0	349.0



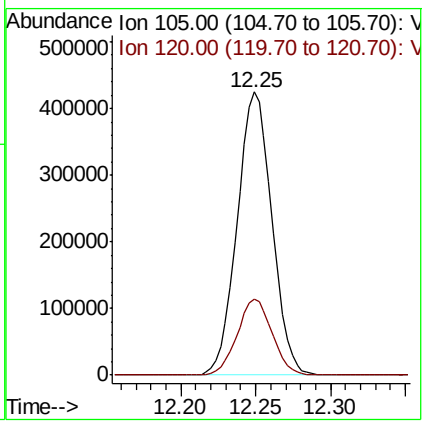


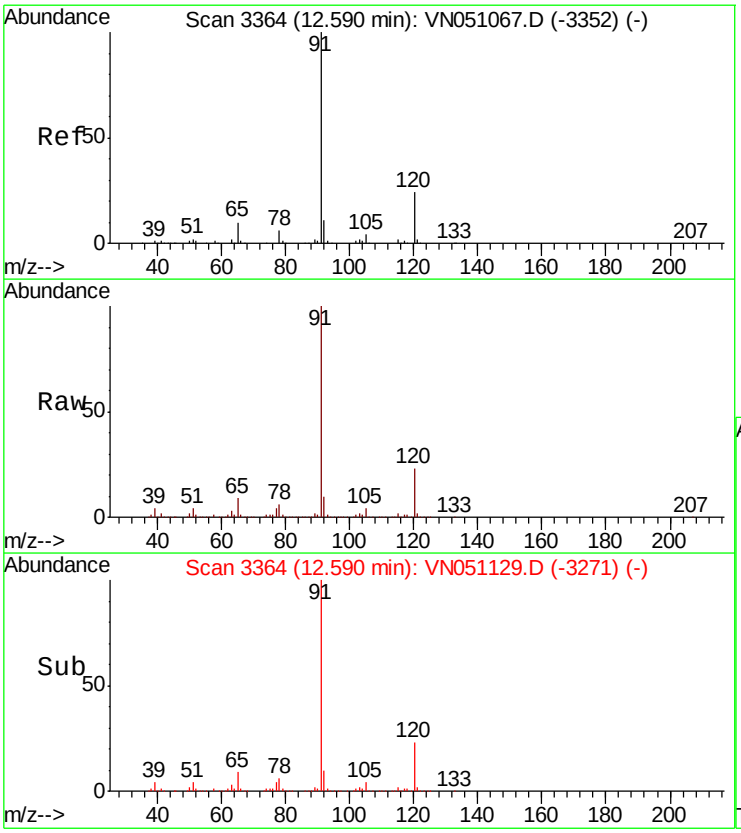
#73
Isopropylbenzene
Concen: 21.35 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Instrument : MSVOA_N
ClientSampleId : EP1-MW-GDL

Tgt Ion:105 Resp: 685023

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.6	40.7

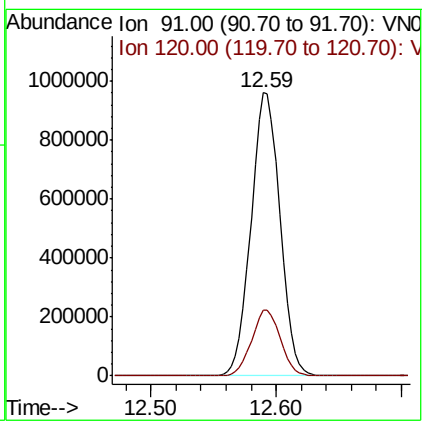


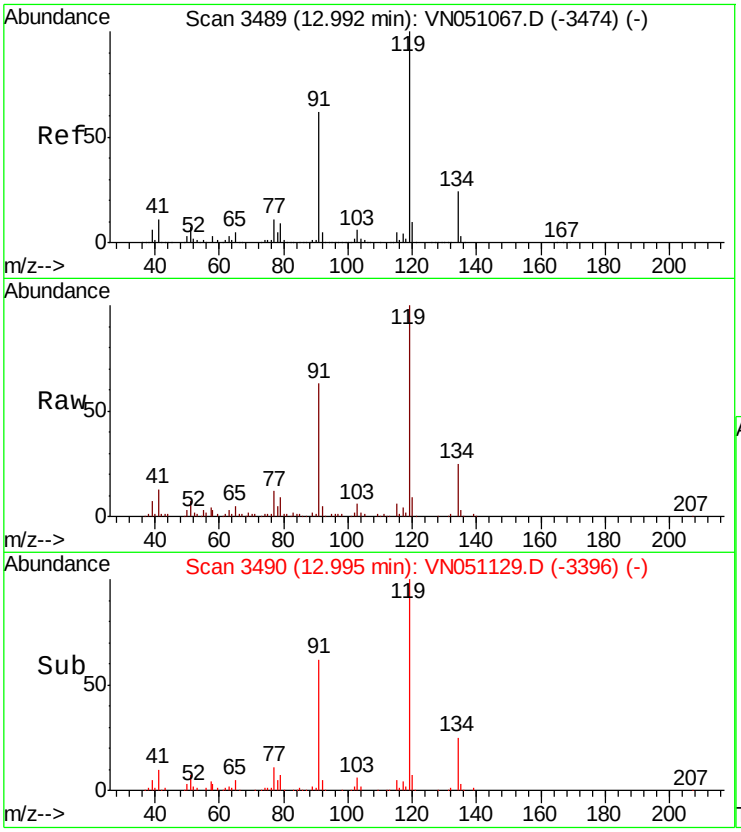


#78
n-propylbenzene
Concen: 43.50 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion: 91 Resp: 1533941

Ion	Ratio	Lower	Upper
91	100		
120	23.1	12.0	36.0



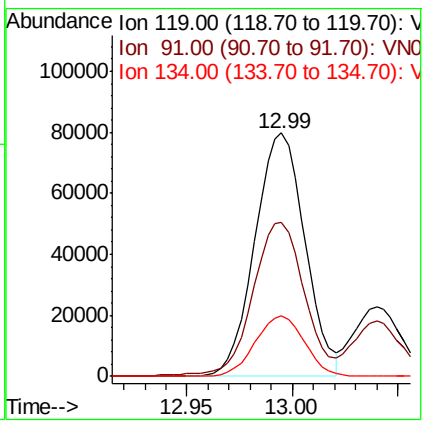


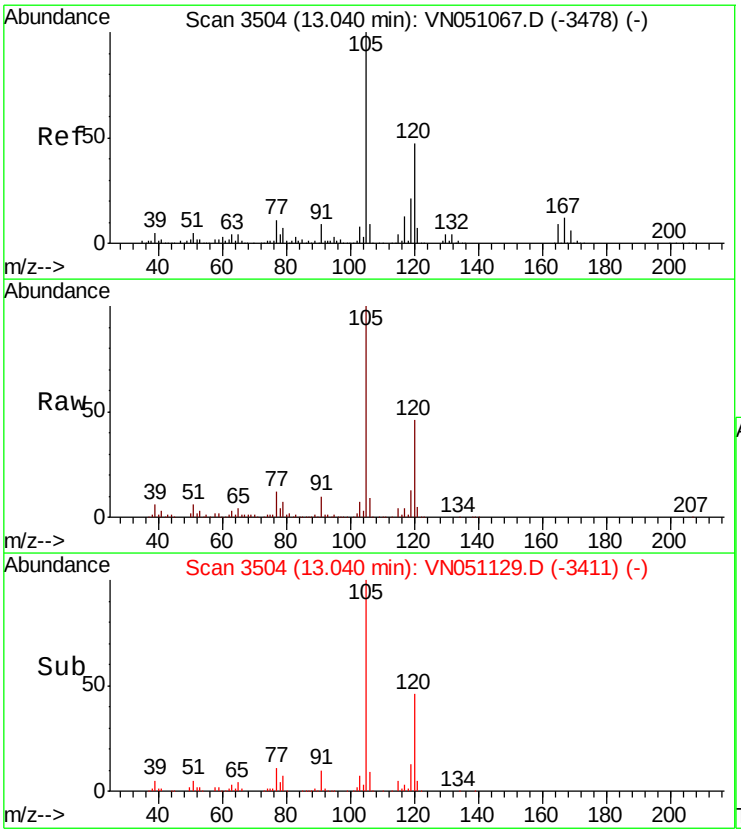
#83
tert-Butylbenzene
Concen: 5.76 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Instrument : MSVOA_N
ClientSampleId : EP1-MW-GDL

Tgt Ion:119 Resp: 131802

Ion	Ratio	Lower	Upper
119	100		
91	65.5	30.8	92.3
134	24.4	13.2	39.6

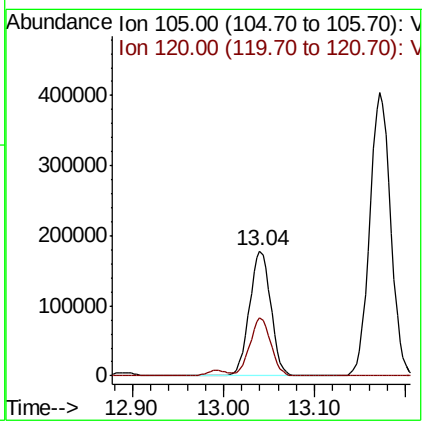


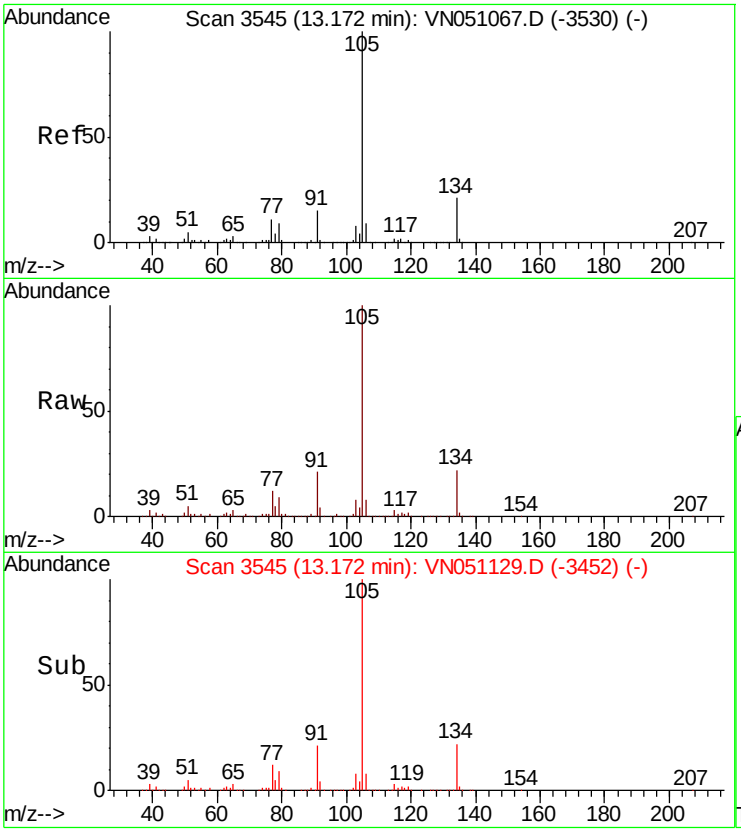


#84
1,2,4-Trimethylbenzene
Concen: 11.43 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion:105 Resp: 291581

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.3	69.8



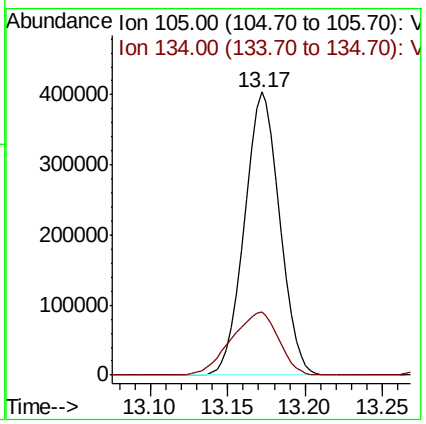


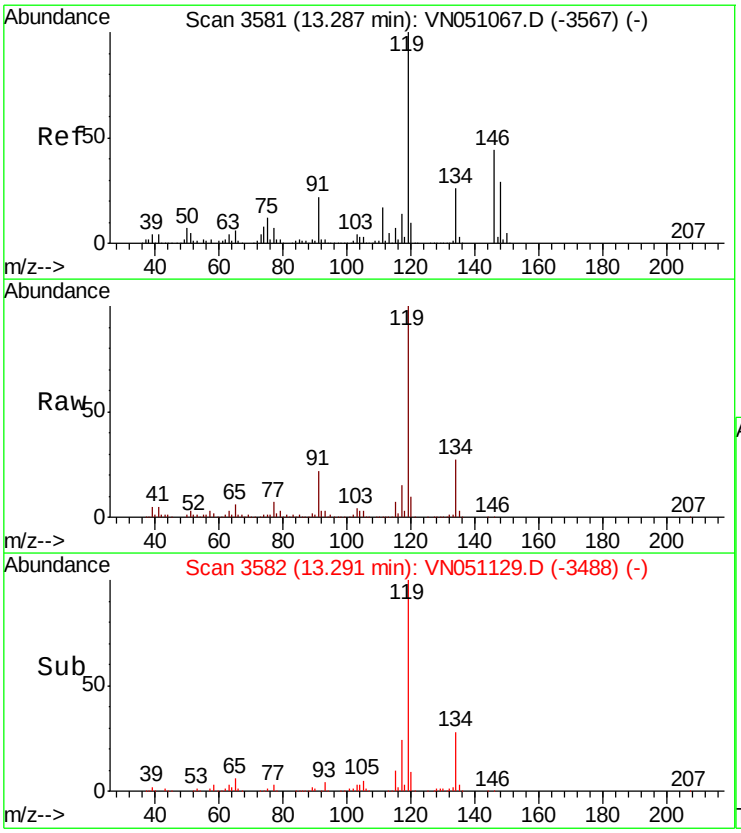
#85
sec-Butylbenzene
Concen: 21.80 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-GDL

Tgt Ion:105 Resp: 640155

Ion	Ratio	Lower	Upper
105	100		
134	30.0	10.4	31.4

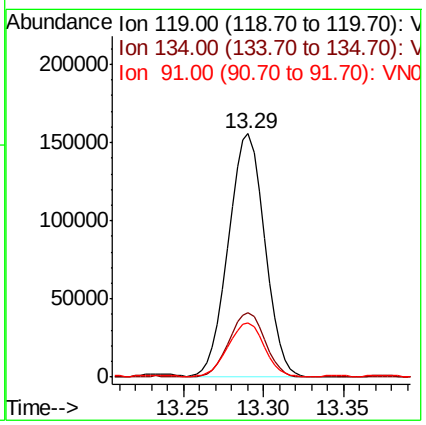


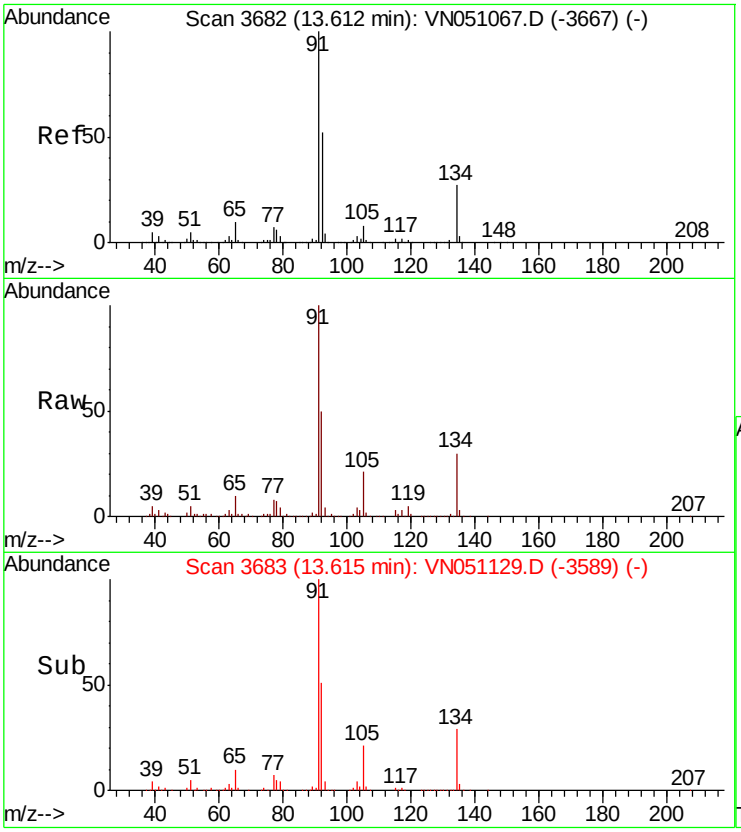


#86
p-Isopropyltoluene
Concen: 9.71 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion:119 Resp: 241804

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.5	40.4
91	21.8	10.9	32.9





#89
n-Butylbenzene
Concen: 13.93 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-GDL

Tgt Ion: 91 Resp: 269894

Ion	Ratio	Lower	Upper
91	100		
92	43.7	26.2	78.6
134	0.0	13.7	41.1#