Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Quant Time: Jan 07 01:07:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1305642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2008549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1811882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	819943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	631357	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.30%			
35) Dibromofluoromethane	7.59	113	556910	60.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.40%			
50) Toluene-d8	10.09	98	2441941	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.16%			
62) 4-Bromofluorobenzene	12.40	95	847327	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.00%			
Target Compounds						Qvalue
16) Acetone	3.82	43	53365	20.542	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	545855	16.391	ug/l	99
20) Methylene Chloride	4.55	84	7369	0.520	ug/l	87
39) Methylcyclohexane	9.08	83	22211	0.948	ug/l	99
40) Benzene	8.04	78	73444	1.281	ug/l	95
68) m/p-Xylenes	11.62	106	7434	0.283	ug/l	87
73) Isopropylbenzene	12.25	105	256924	4.005	ug/l	100
78) n-propylbenzene	12.59	91	345859	4.734	ug/l	99
83) tert-Butylbenzene	12.99	119	29611	0.640	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	20847	0.397	ug/l	96
85) sec-Butylbenzene	13.17	105	132386	2.116	ug/l	83
89) n-Butylbenzene	13.61	91	31418	0.676	ug/l #	70
95) Naphthalene	15.13	128	184977	6.753	ug/l	100

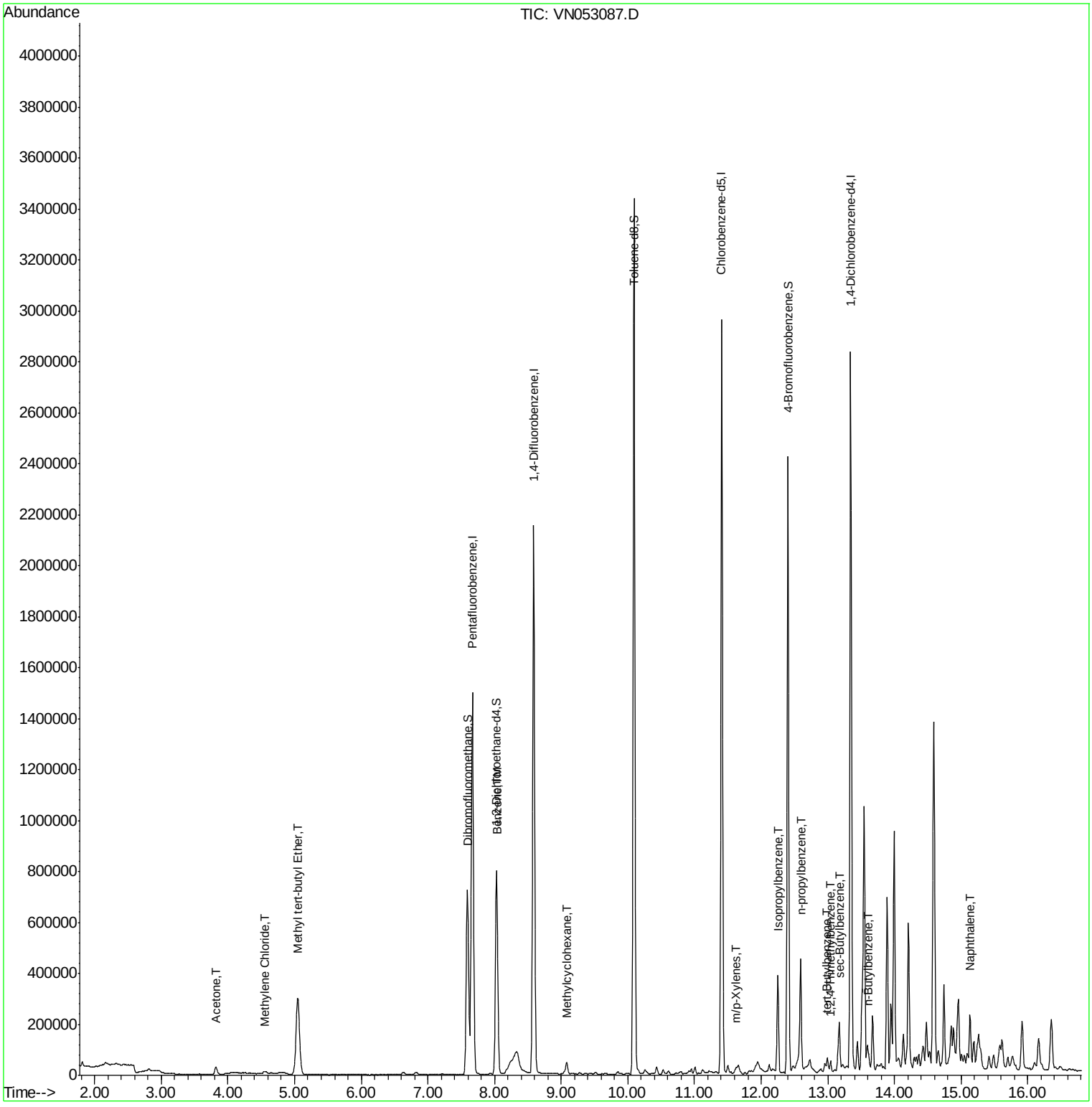
(#) = qualifier out of range (m) = manual integration (+) = signals summed

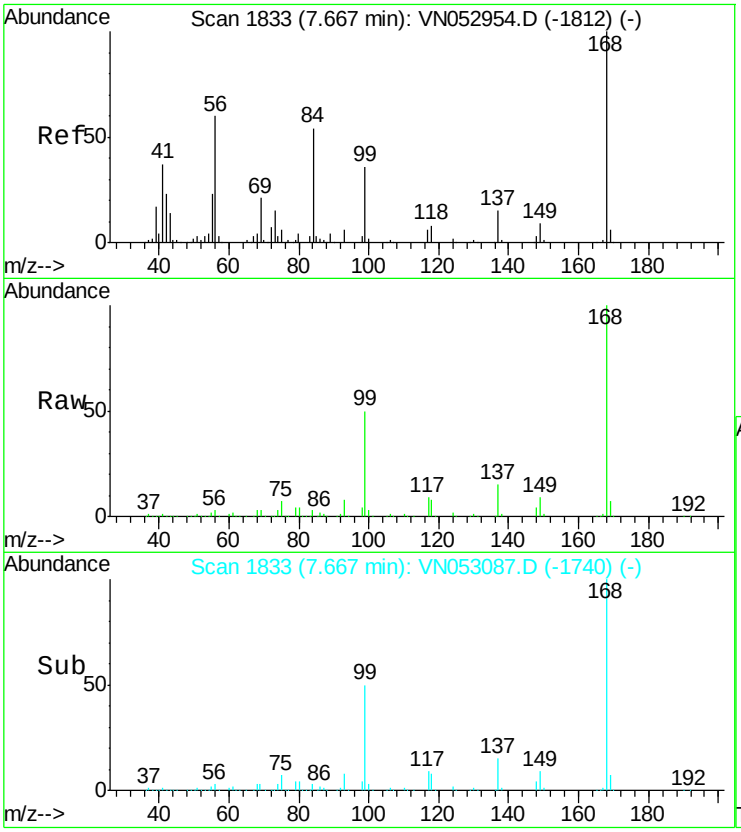
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN122018\
Data File : VN053087.D
Acq On : 21 Dec 2018 5:43
Operator : MD\SY
Sample : J6519-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 48 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Quant Time: Jan 07 01:07:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration



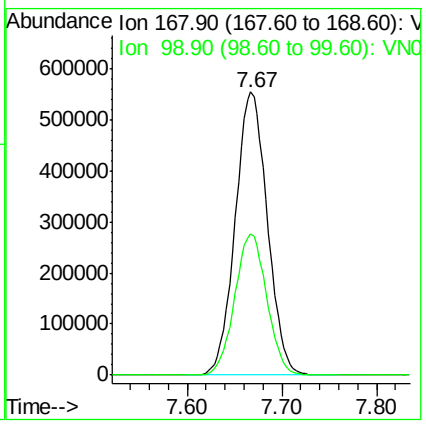


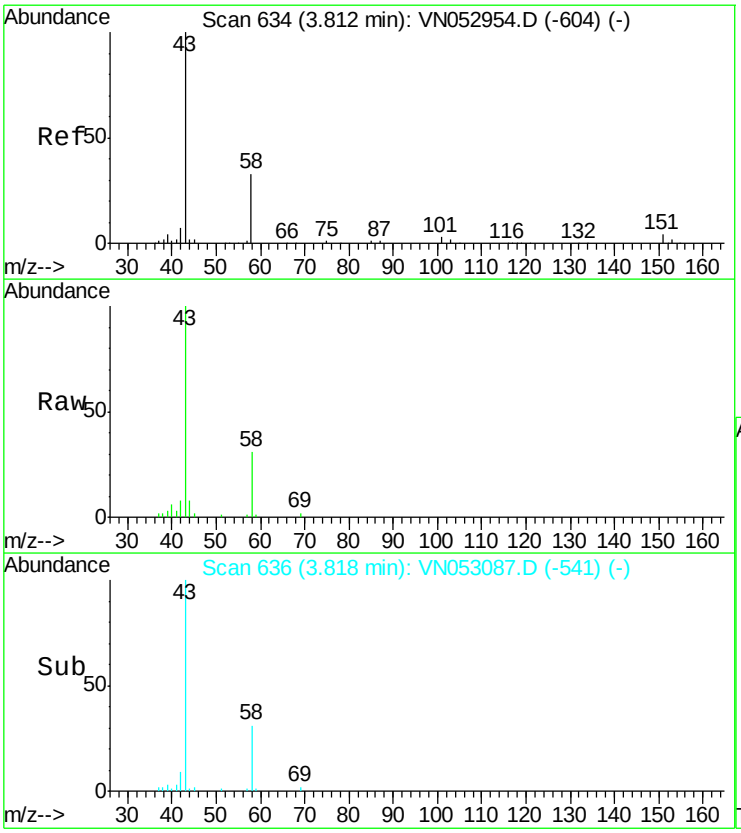
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion:168 Resp: 1305642

Ion	Ratio	Lower	Upper
168	100		
99	50.0	40.2	60.2

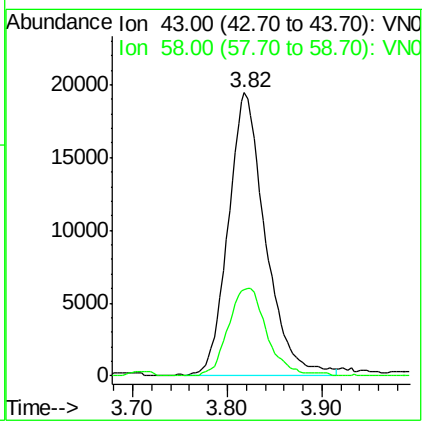


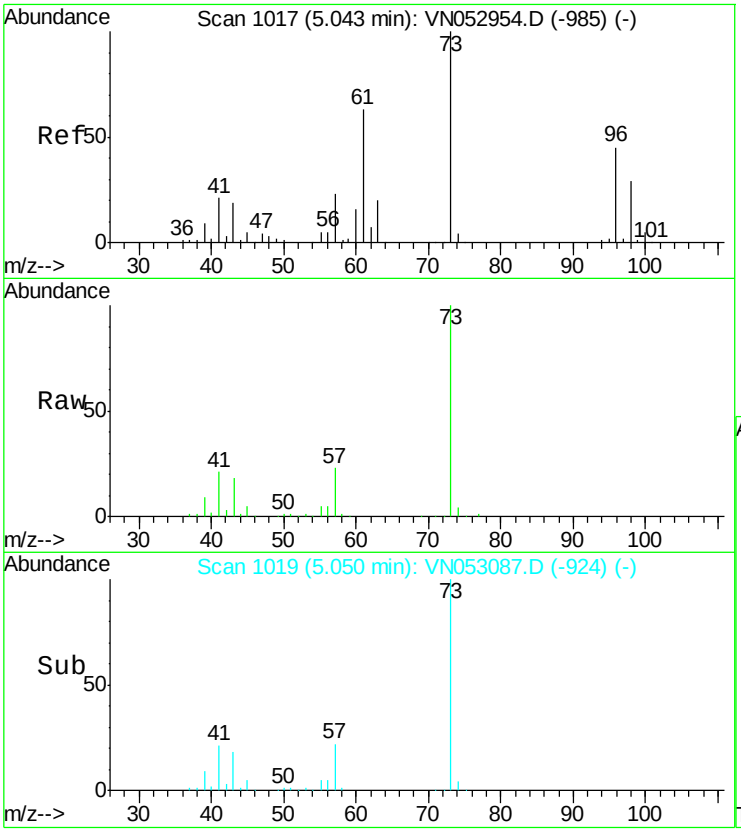


#16
Acetone
Concen: 20.542 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 43 Resp: 53365

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.4	38.0



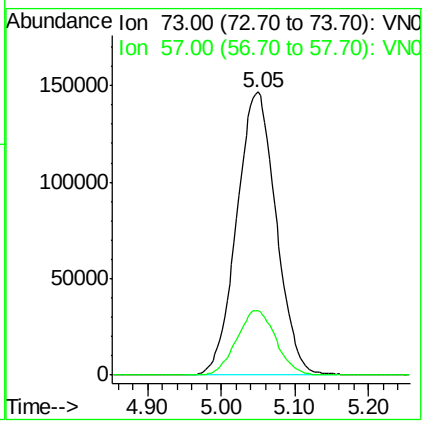


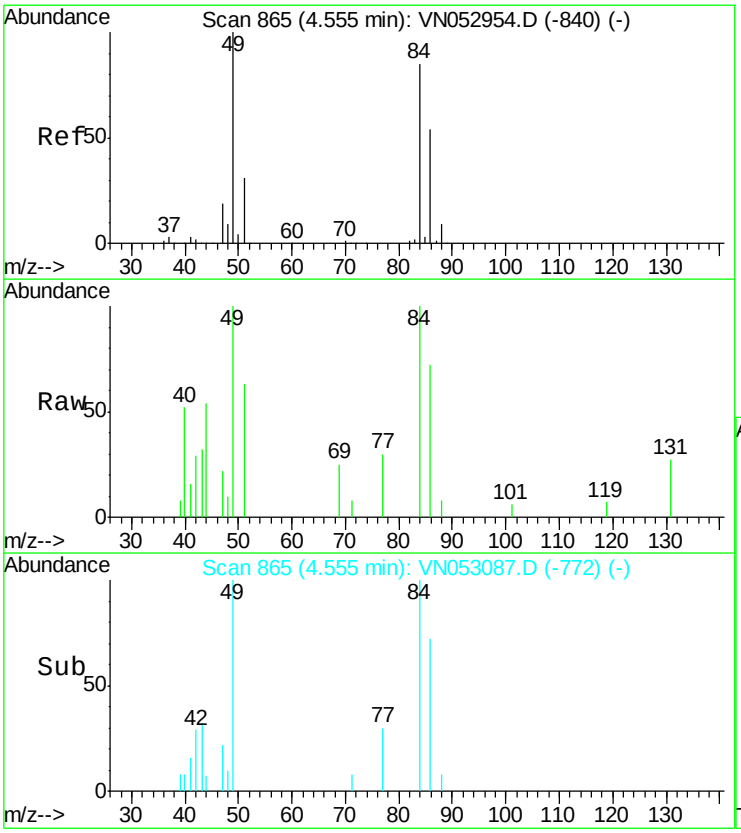
#19
Methyl tert-butyl Ether
Concen: 16.391 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion: 73 Resp: 545855

Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.4	27.6

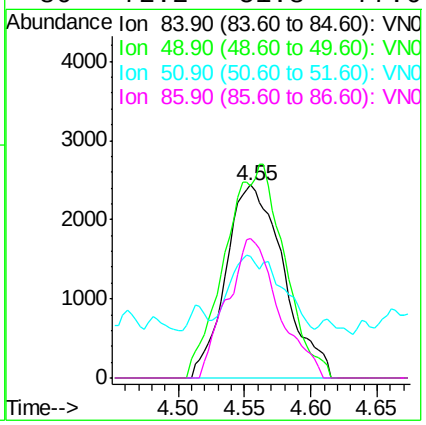


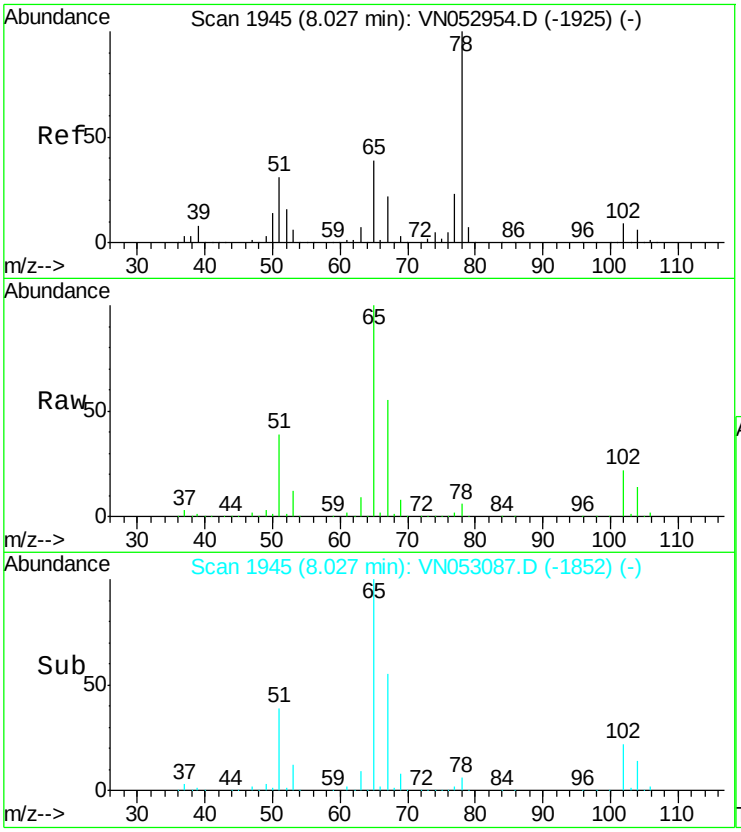


#20
Methylene Chloride
Concen: 0.520 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 84 Resp: 7369

Ion	Ratio	Lower	Upper
84	100		
49	99.9	96.8	145.2
51	37.1	29.9	44.9
86	72.2	51.8	77.6



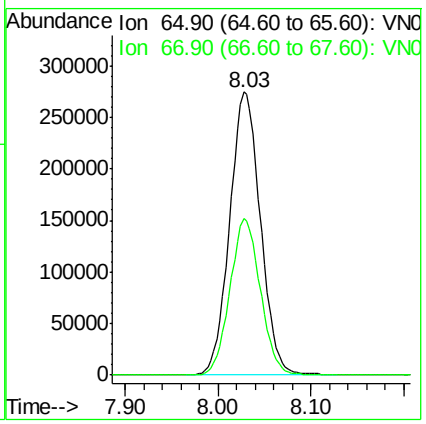


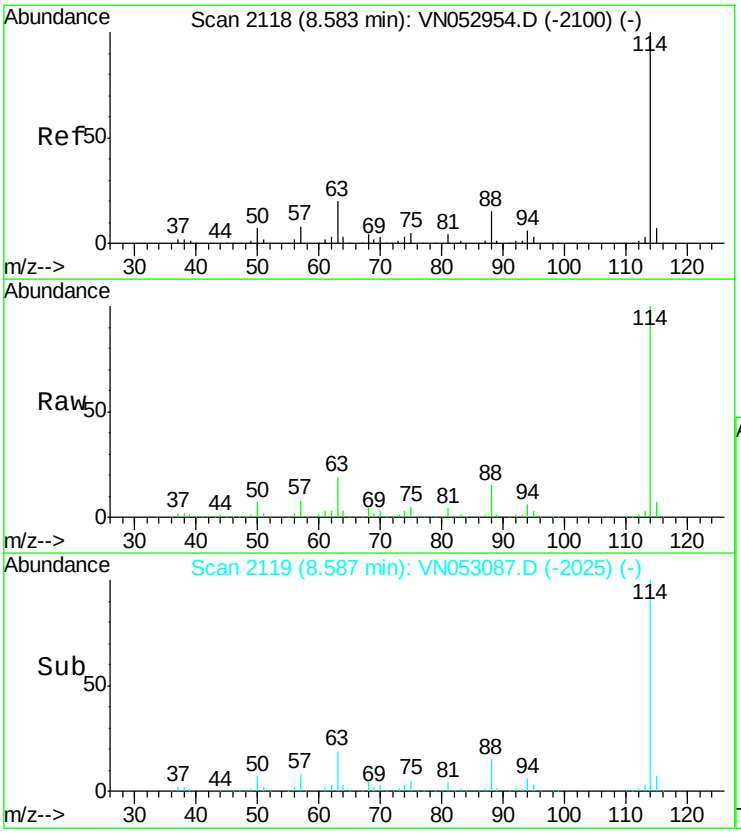
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion: 65 Resp: 631357

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.4

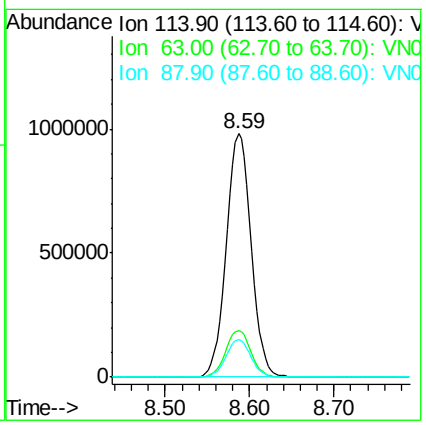


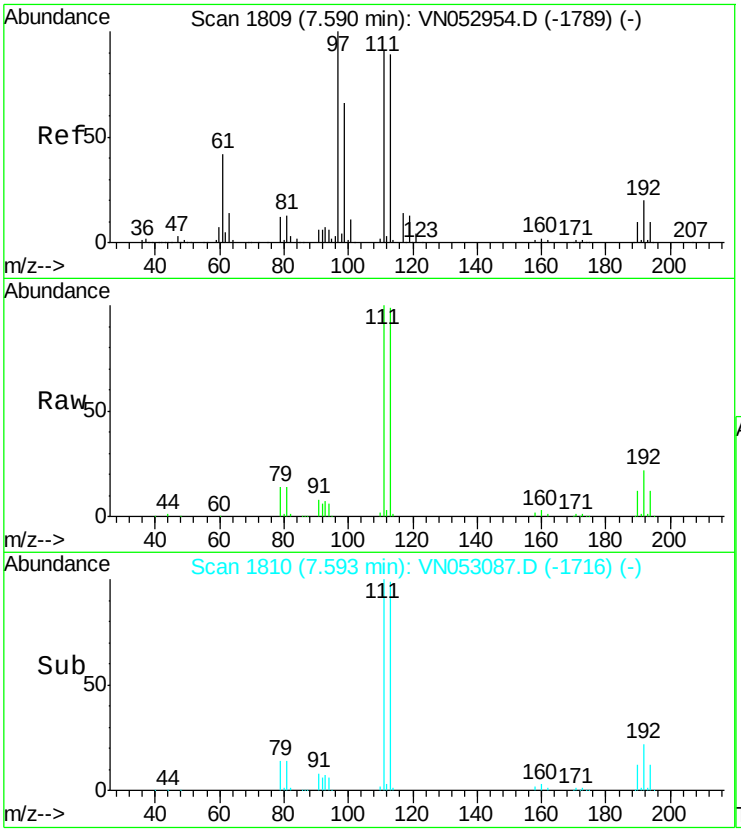


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion:114 Resp: 2008549

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	15.3	0.0	31.0



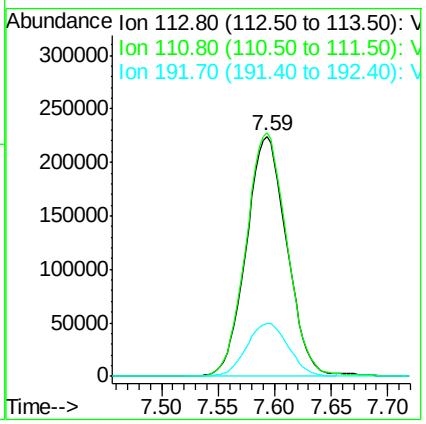


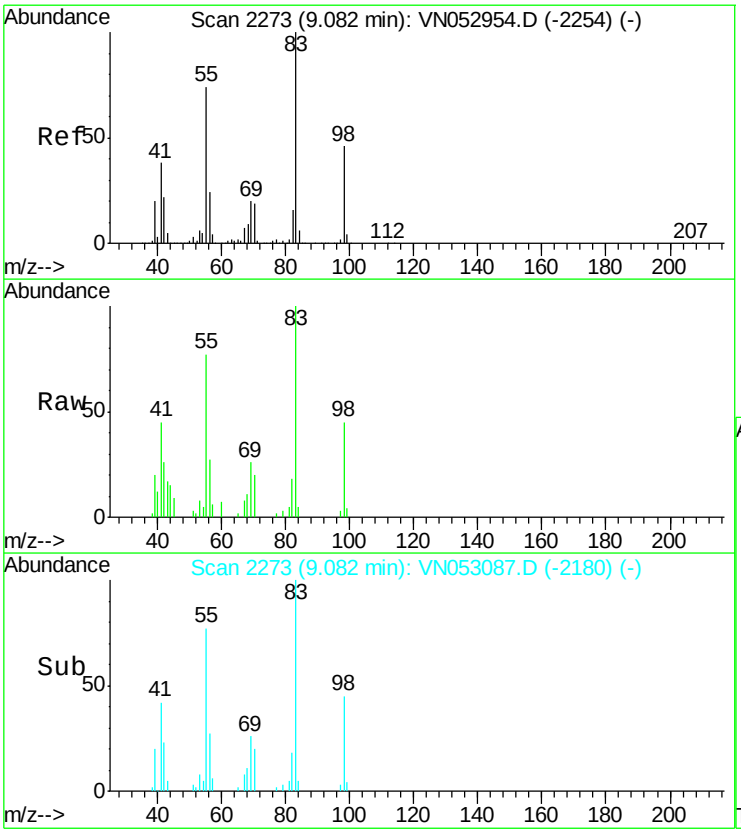
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion:113 Resp: 556910

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	22.8	17.5	26.3

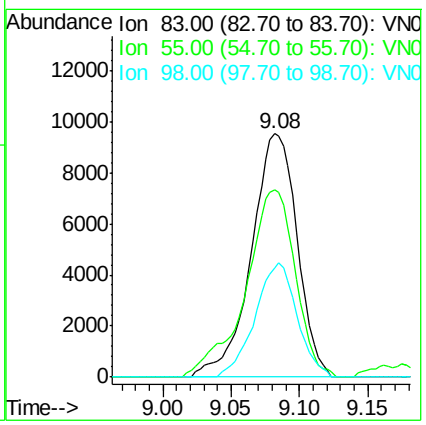


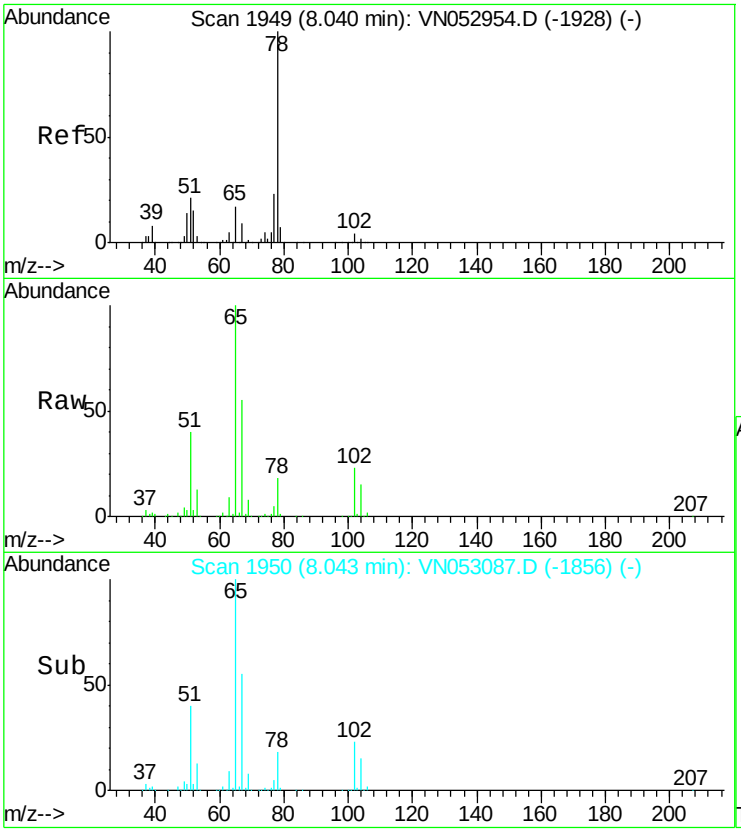


#39
Methylcyclohexane
Concen: 0.948 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 83 Resp: 22211

Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.3	91.9
98	45.1	37.0	55.4



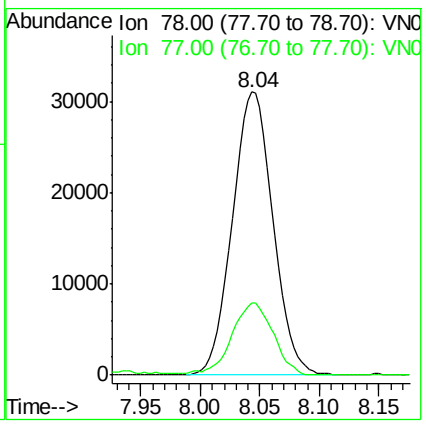


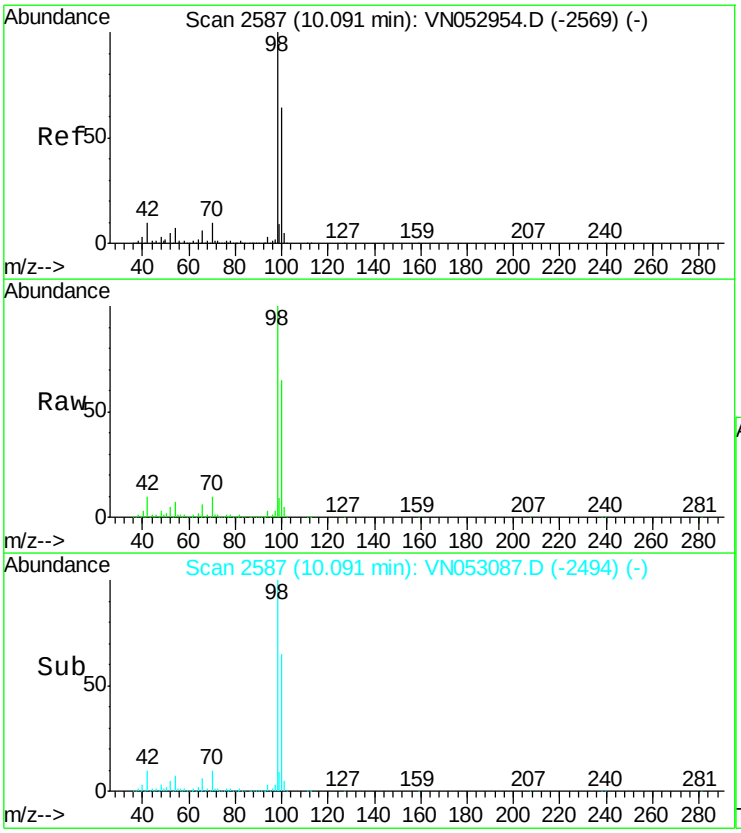
#40
Benzene
Concen: 1.281 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion: 78 Resp: 73444

Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.5	27.7

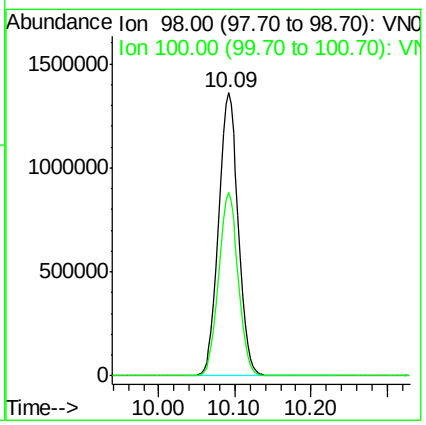


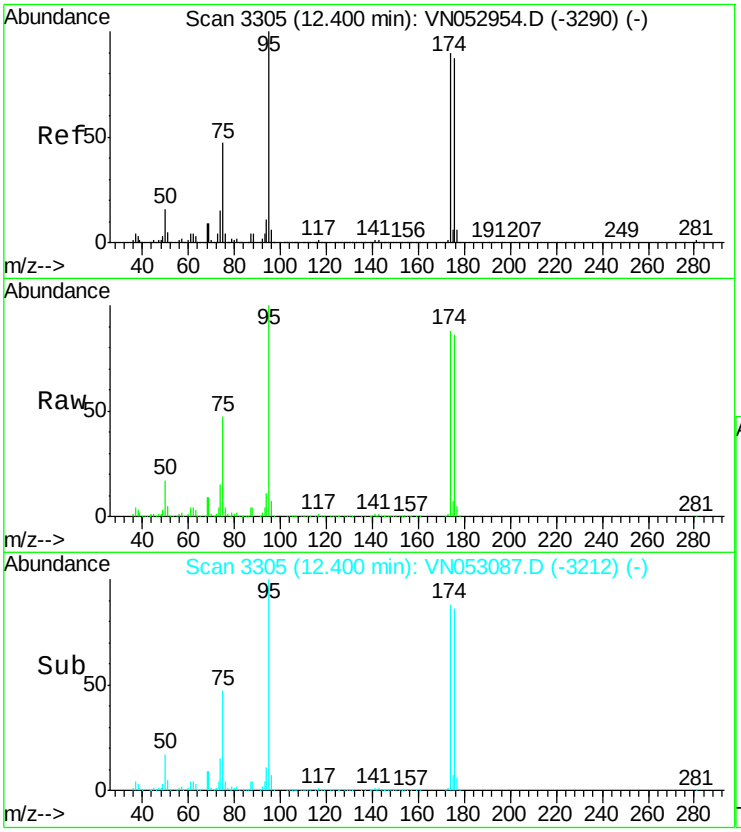


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 98 Resp: 2441941

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4



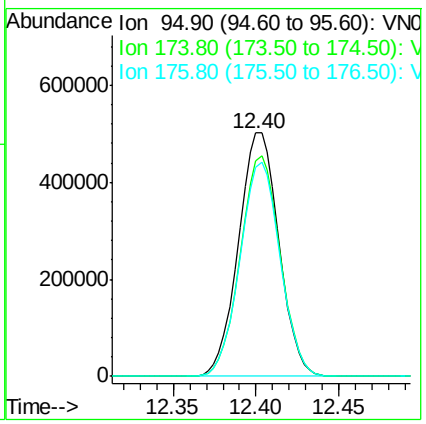


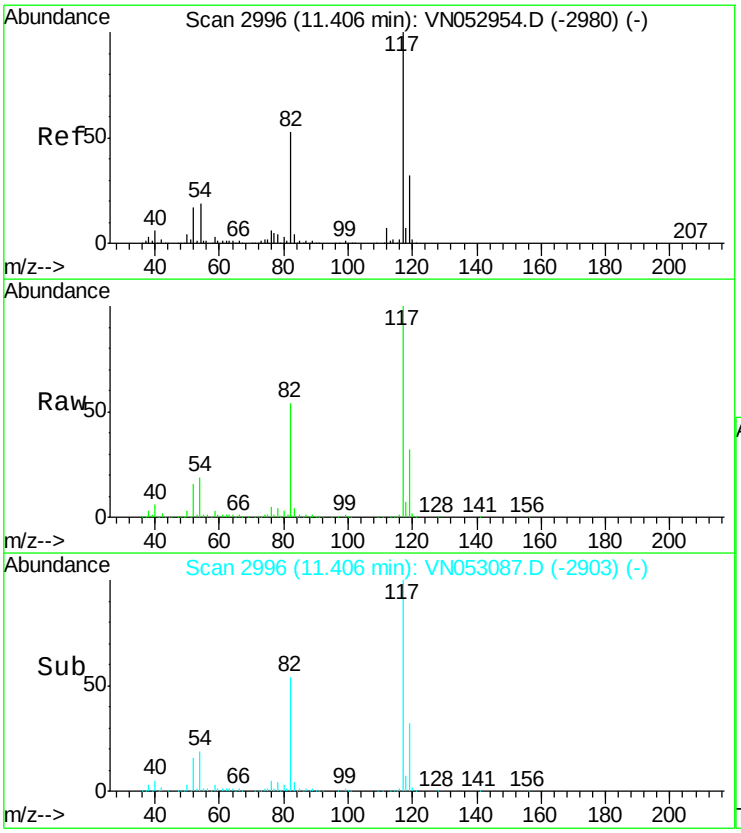
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion: 95 Resp: 847327

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	178.8
176	87.7	0.0	173.8

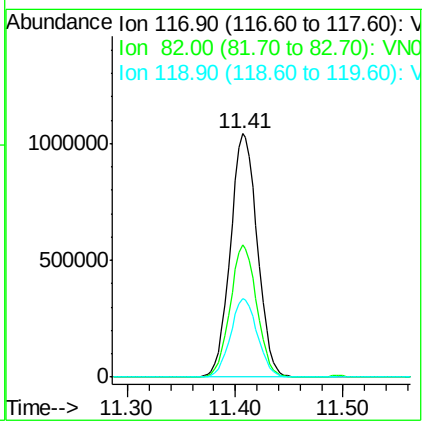


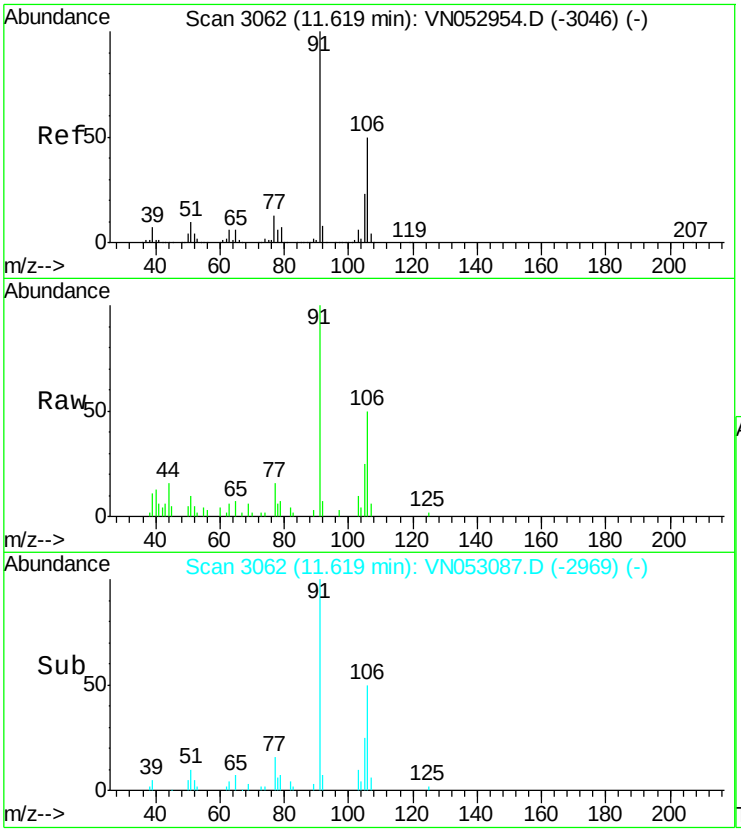


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion:117 Resp: 1811882

Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.8	64.2
119	32.3	25.5	38.3



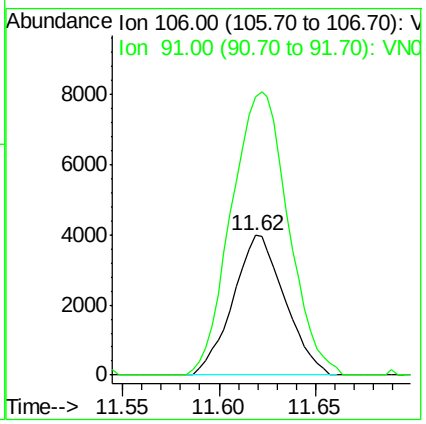


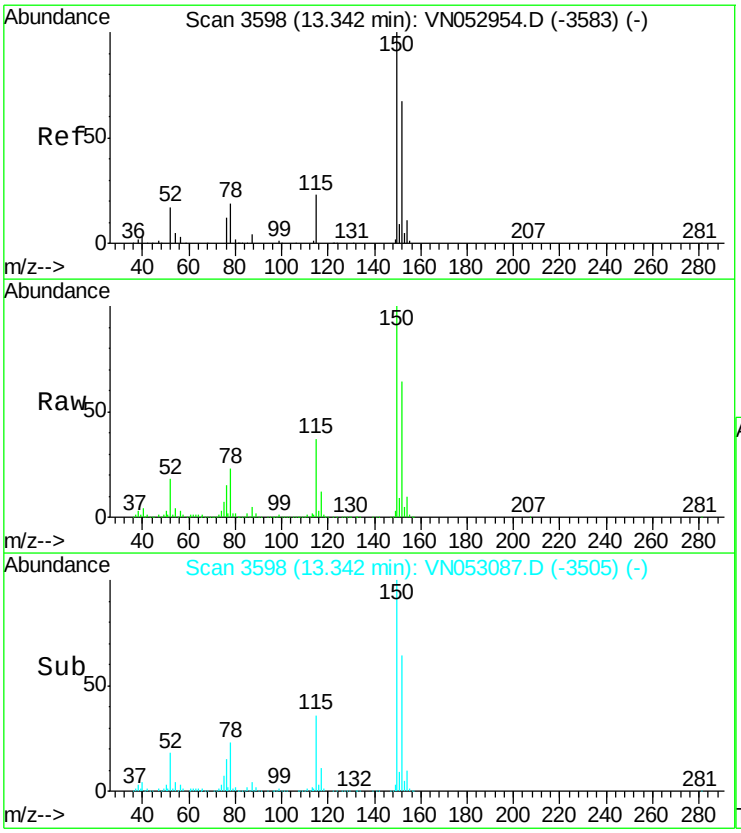
#68
m/p-Xylenes
Concen: 0.283 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion:106 Resp: 7434

Ion	Ratio	Lower	Upper
106	100		
91	222.6	162.2	243.4

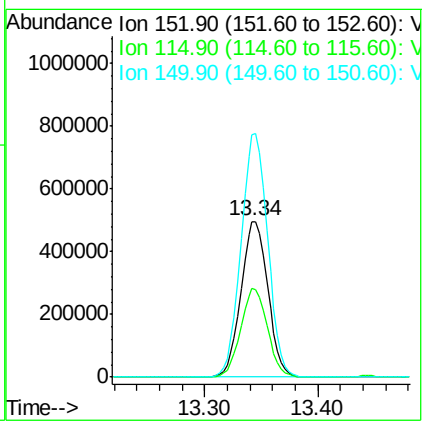


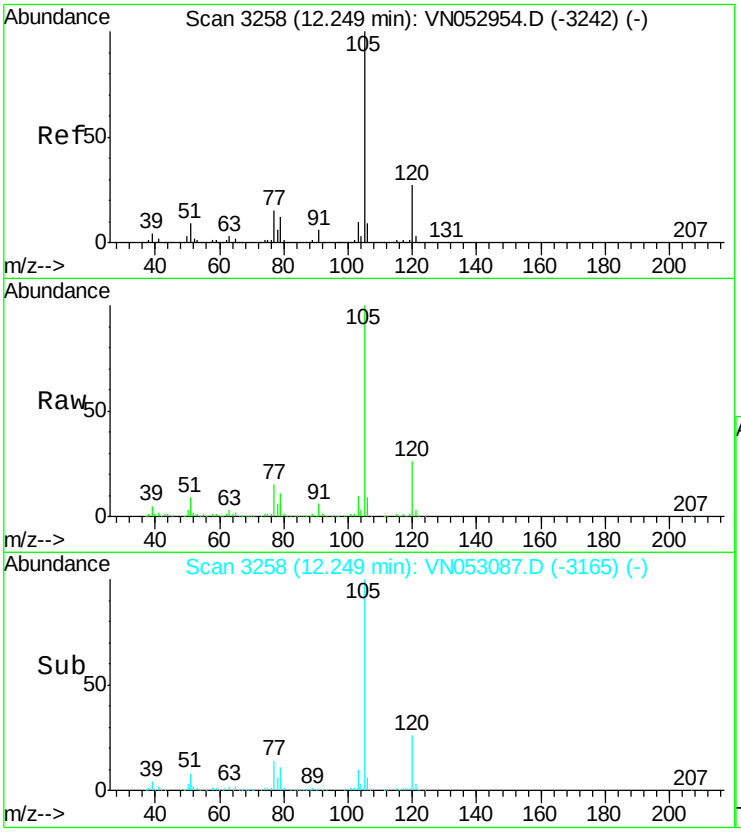


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion:152 Resp: 819943

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.3	85.0
150	155.6	0.0	347.8



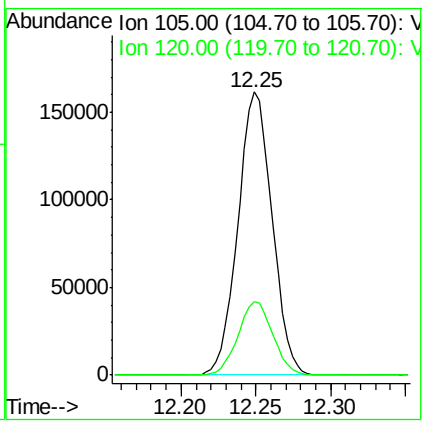


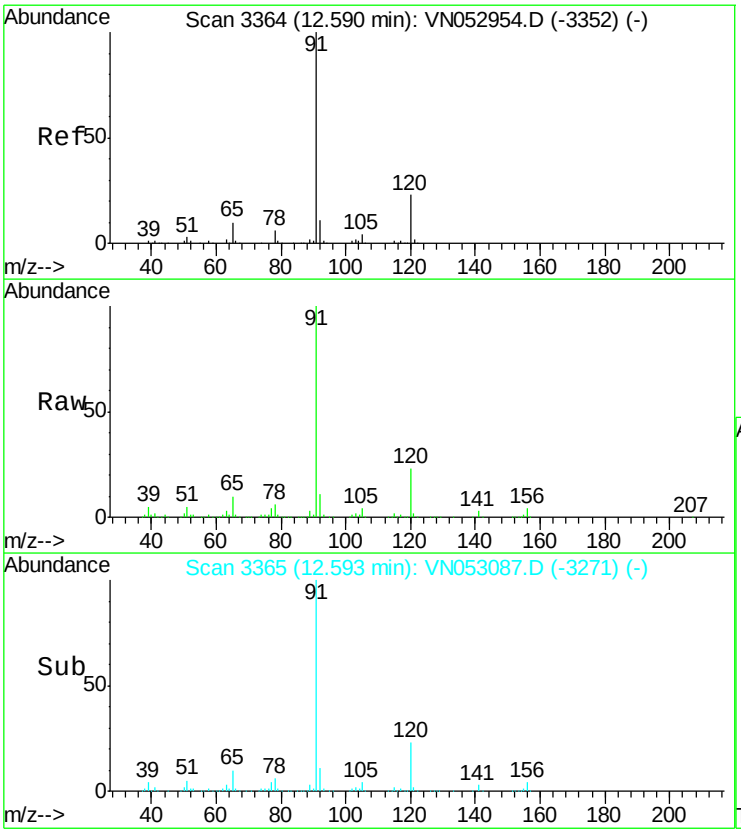
#73
Isopropylbenzene
Concen: 4.005 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument : MSVOA_N
ClientSampleId : T11-MW-13-8.0-122018

Tgt Ion:105 Resp: 256924

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9

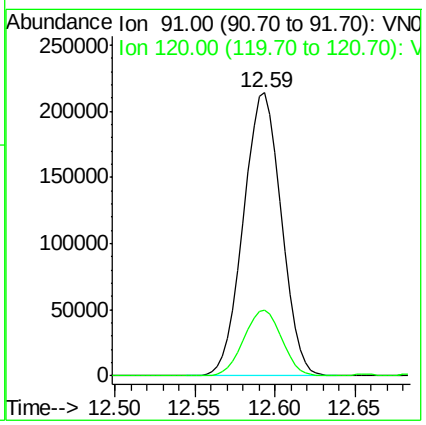


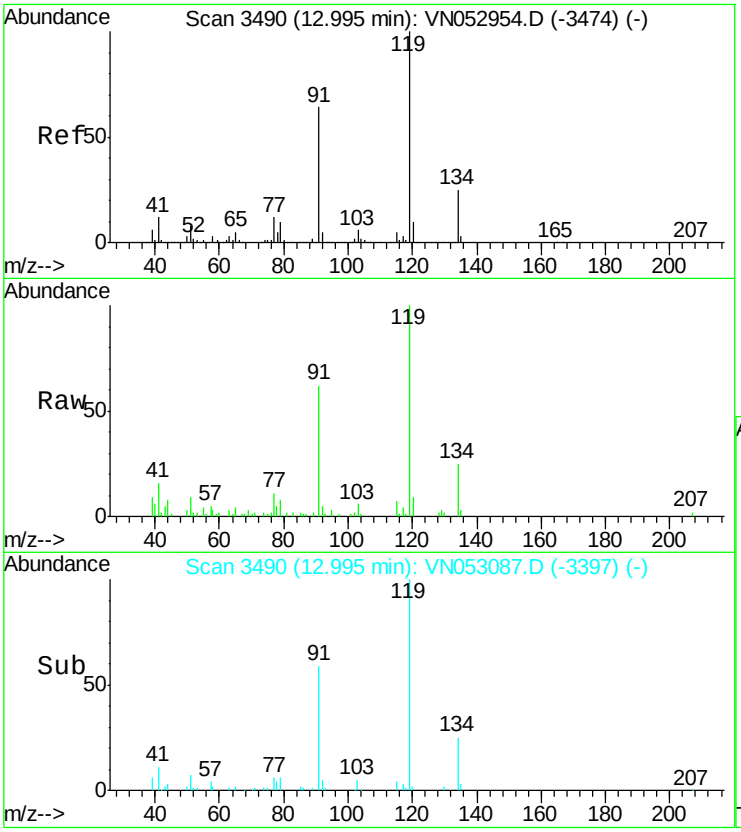


#78
n-propylbenzene
Concen: 4.734 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 91 Resp: 345859

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5



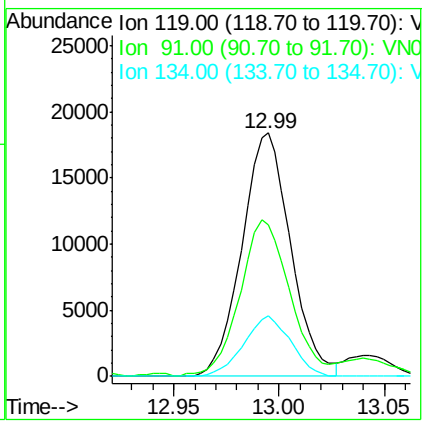


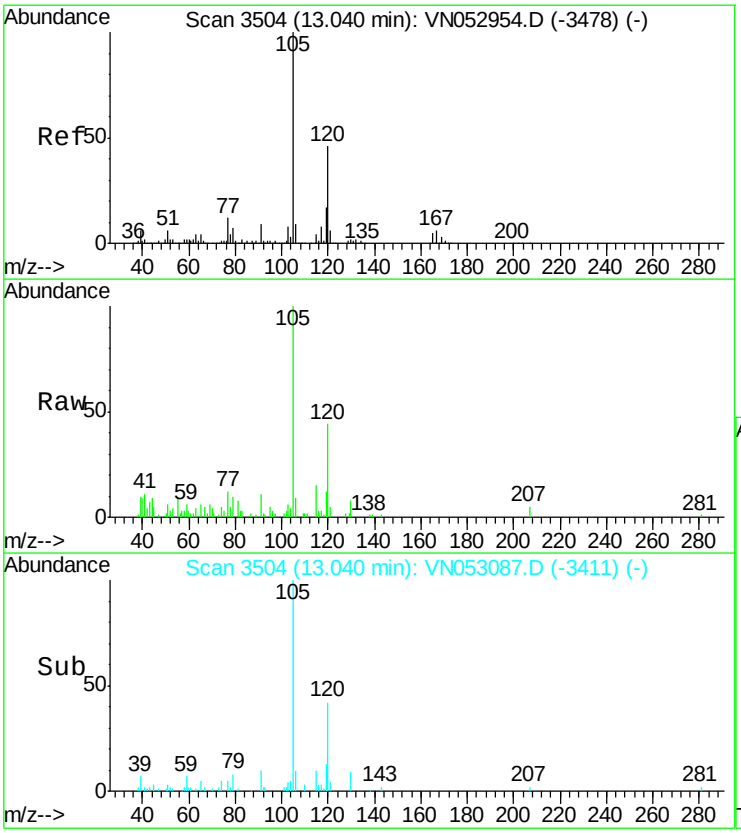
#83
tert-Butylbenzene
Concen: 0.640 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion:119 Resp: 29611

Ion	Ratio	Lower	Upper
119	100		
91	65.5	31.9	95.5
134	23.8	12.8	38.4

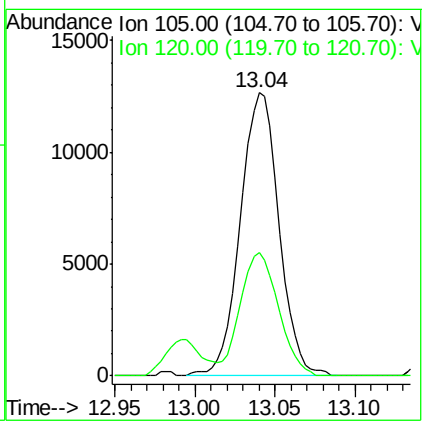


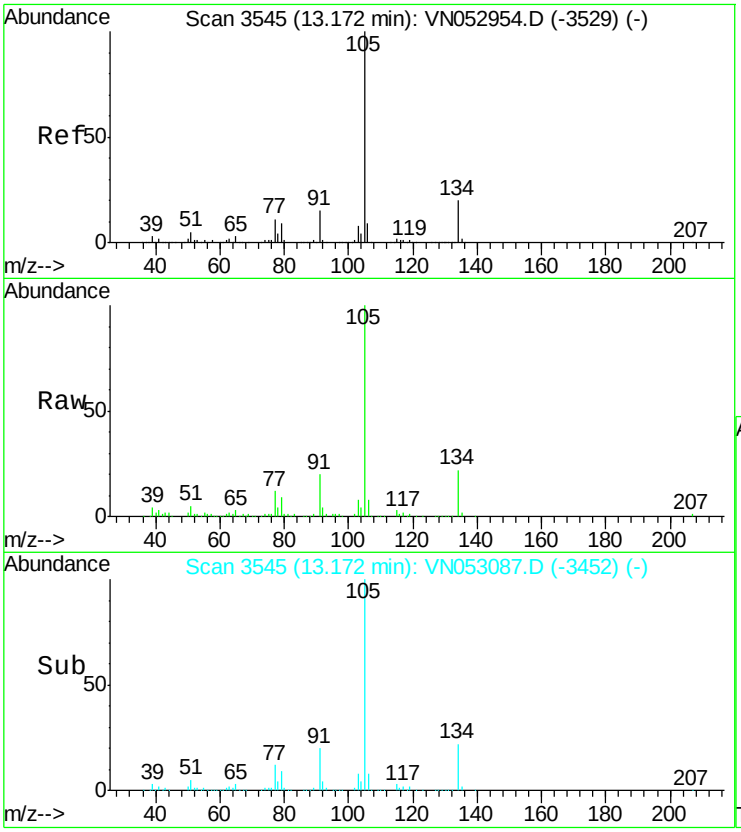


#84
1,2,4-Trimethylbenzene
Concen: 0.397 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion:105 Resp: 20847

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.9	68.8



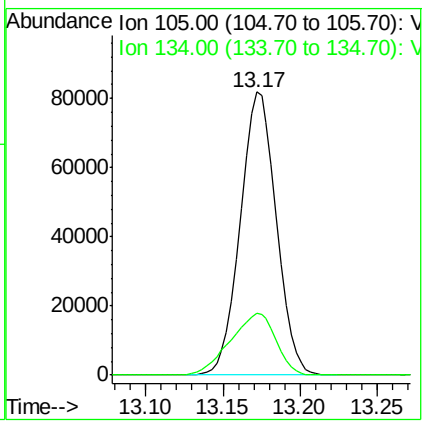


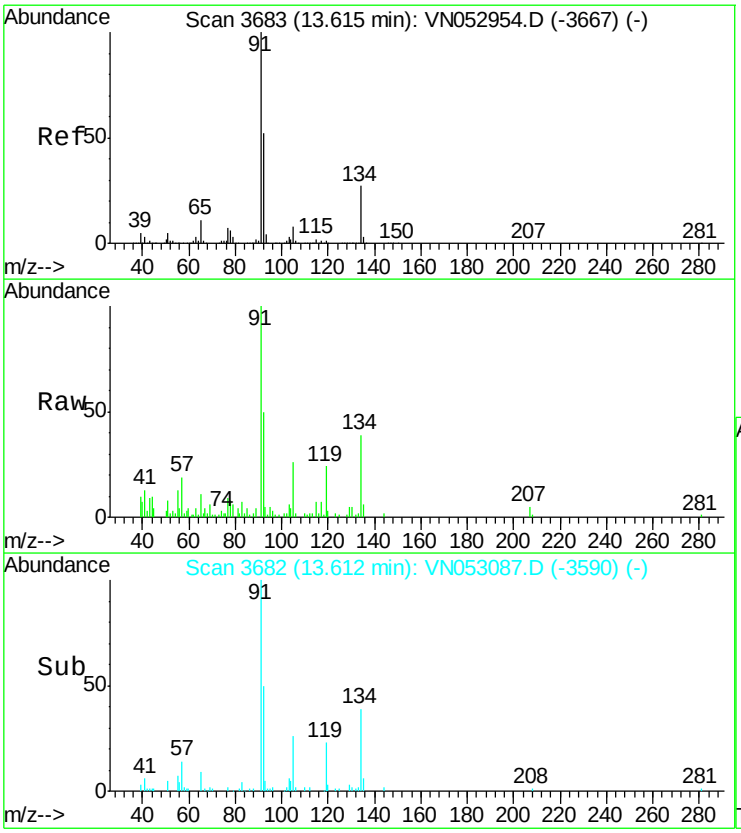
#85
sec-Butylbenzene
Concen: 2.116 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion:105 Resp: 132386

Ion	Ratio	Lower	Upper
105	100		
134	27.9	10.1	30.3

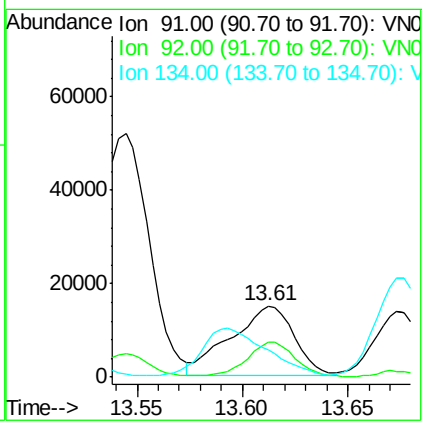


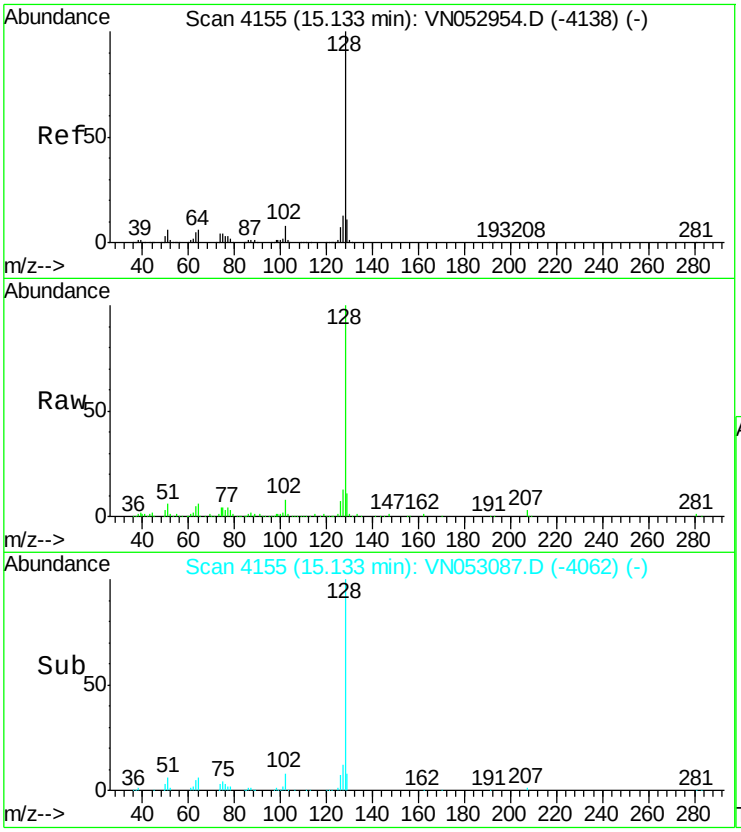


#89
n-Butylbenzene
Concen: 0.676 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Tgt Ion: 91 Resp: 31418

Ion	Ratio	Lower	Upper
91	100		
92	38.7	26.3	78.9
134	0.0	13.3	39.8#





#95
Naphthalene
Concen: 6.753 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053087.D
Acq: 21 Dec 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-13-8.0-122018

Tgt Ion:128 Resp: 184977

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.6	13.0