Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
Data File : VN053079.D
Acq On : 21 Dec 2018 2:09
Operator : MD\SY
Sample : J6519-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

Manual Integrations APPROVED
MMDadoda
12/21/2018 11:31:39 AM

Quant Time: Dec 21 03:05:19 2018
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	1325675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2018297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1796876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	768019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	632766	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.06%			
35) Dibromofluoromethane	7.59	113	561772	60.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.86%			
50) Toluene-d8	10.09	98	2451948	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
62) 4-Bromofluorobenzene	12.40	95	822086	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.62%			
Target Compounds						Qvalue
16) Acetone	3.82	43	9934760	3766.408	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	148379	4.388	ug/l	97
31) Cyclohexane	7.66	56	75944	2.258	ug/l #	59
39) Methylcyclohexane	9.08	83	62836	2.670	ug/l	98
73) Isopropylbenzene	12.25	105	221816	3.691	ug/l	100
78) n-propylbenzene	12.59	91	160339	2.343	ug/l	99
83) tert-Butylbenzene	12.99	119	69393	1.602	ug/l	98
85) sec-Butylbenzene	13.17	105	235809	4.025	ug/l	81
89) n-Butylbenzene	13.61	91	29305m	0.673	ug/l	

(#) = 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 : VN053079.D
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Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

Manual Integrations APPROVED
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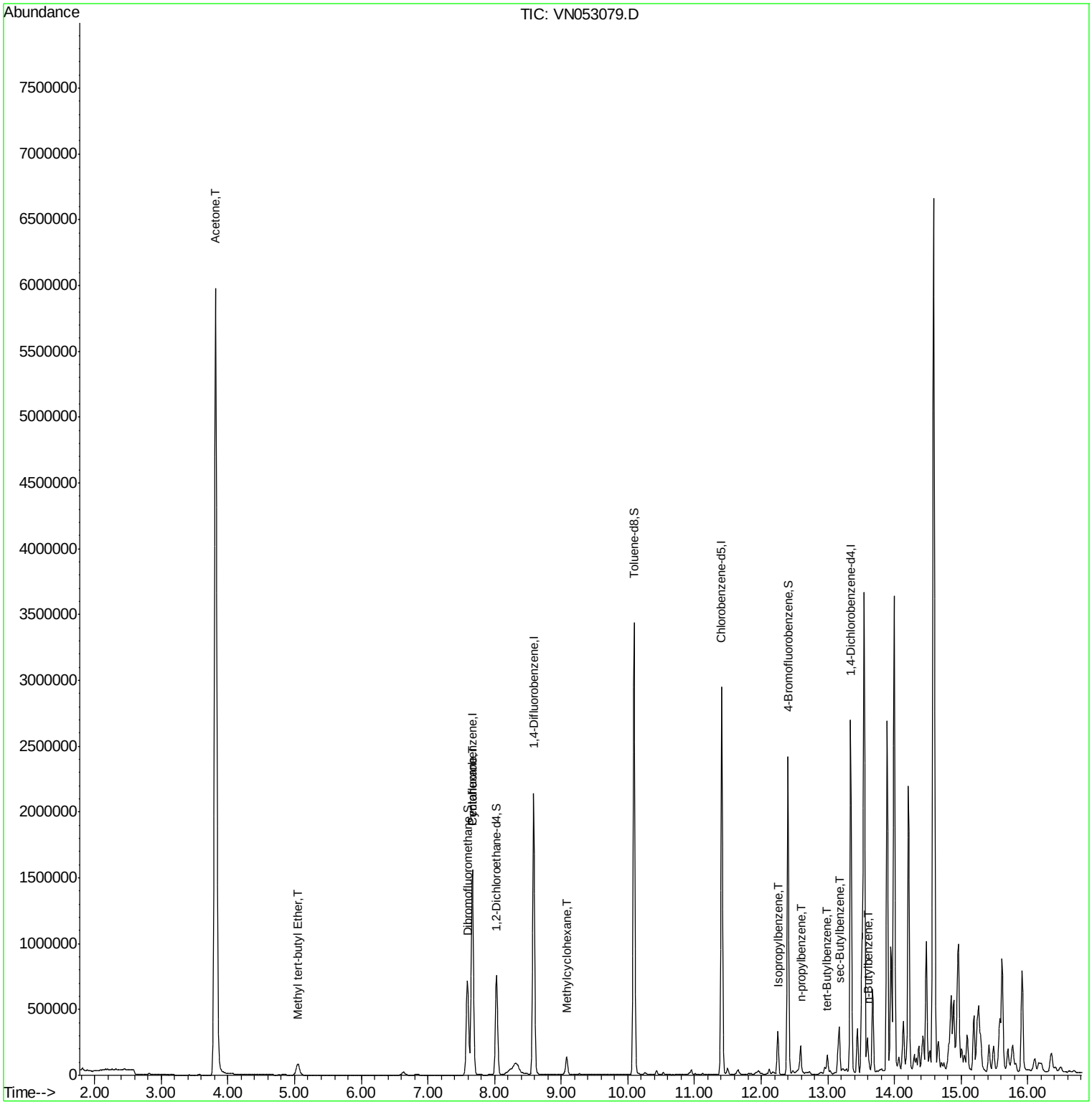
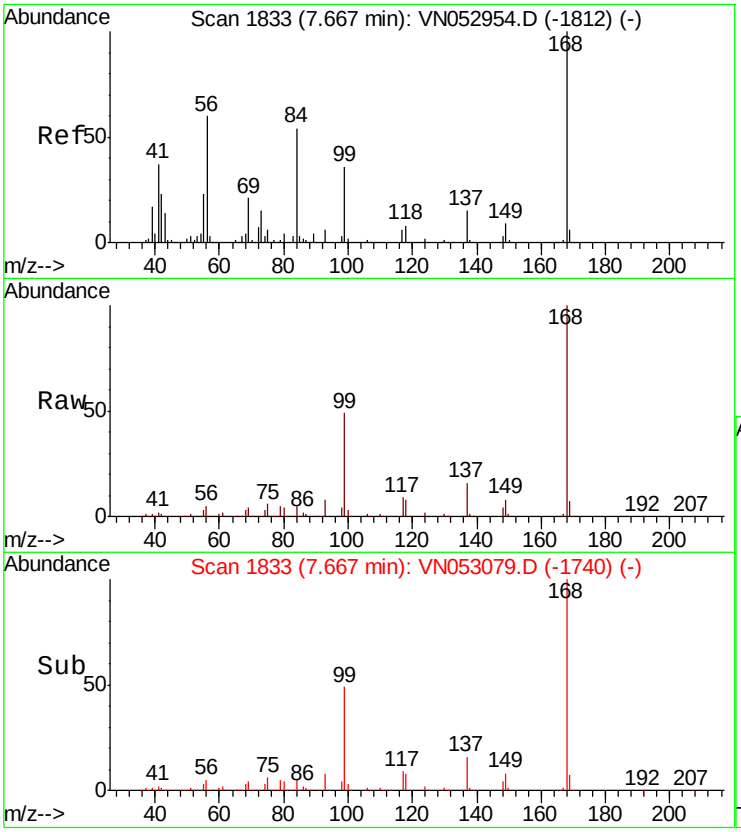
12/21/2018 11:31:39 AM

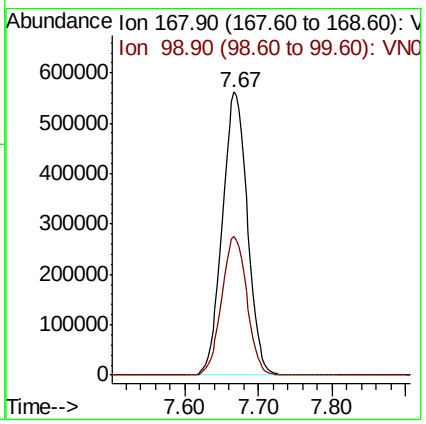




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

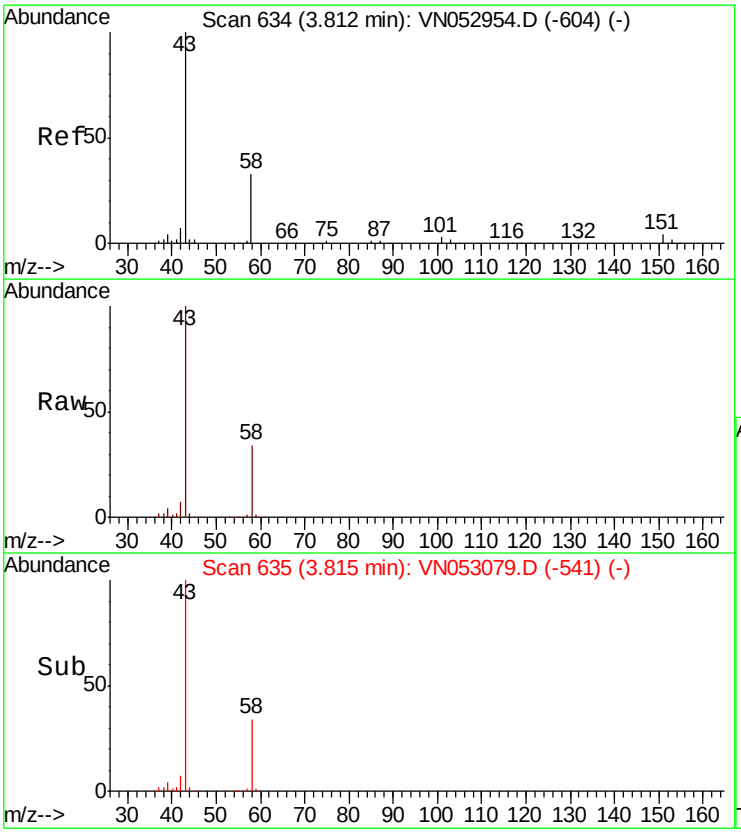
Tgt Ion:168 Resp: 1325675

Ion	Ratio	Lower	Upper
168	100		
99	49.0	40.2	60.2



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

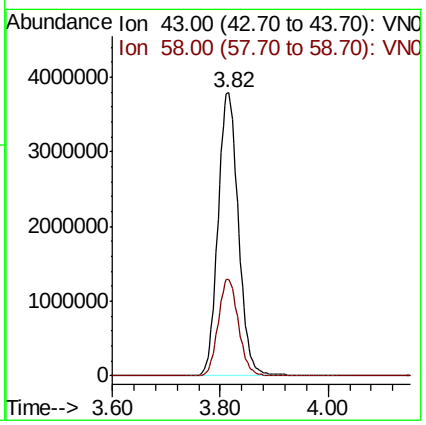
Manual Integrations APPROVED
MMDadoda
12/21/2018 11:31:39 AM

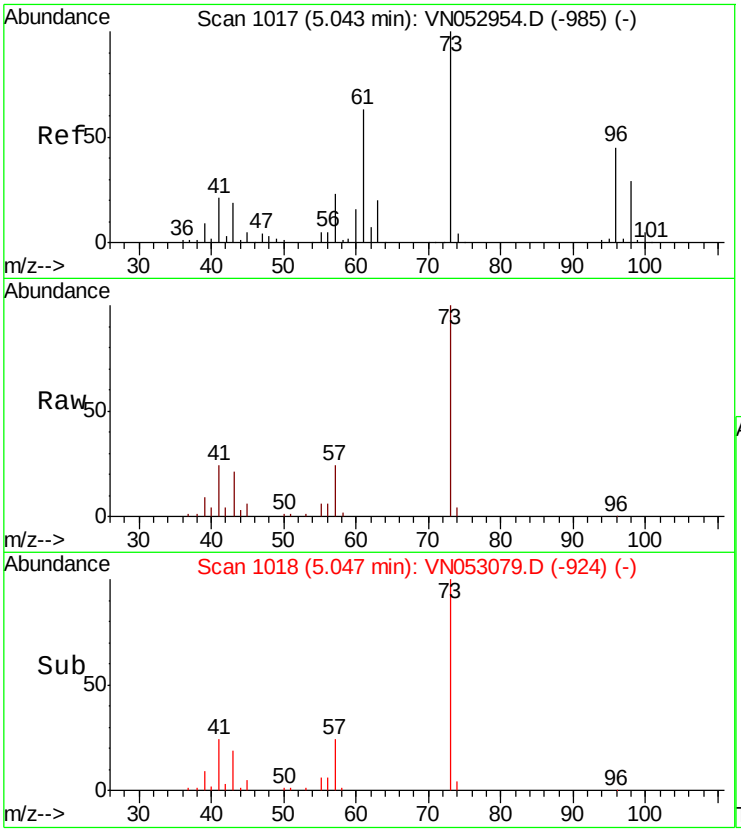


#16
Acetone
Concen: 3766.408 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 43 Resp: 9934760

Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.4	38.0





#19
Methyl tert-butyl Ether
Concen: 4.388 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 73 Resp: 148379

Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.4	27.6

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

Manual Integrations APPROVED
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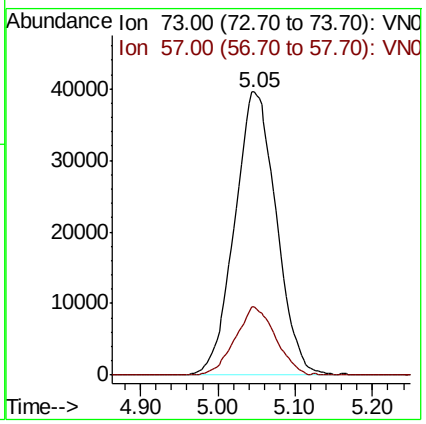
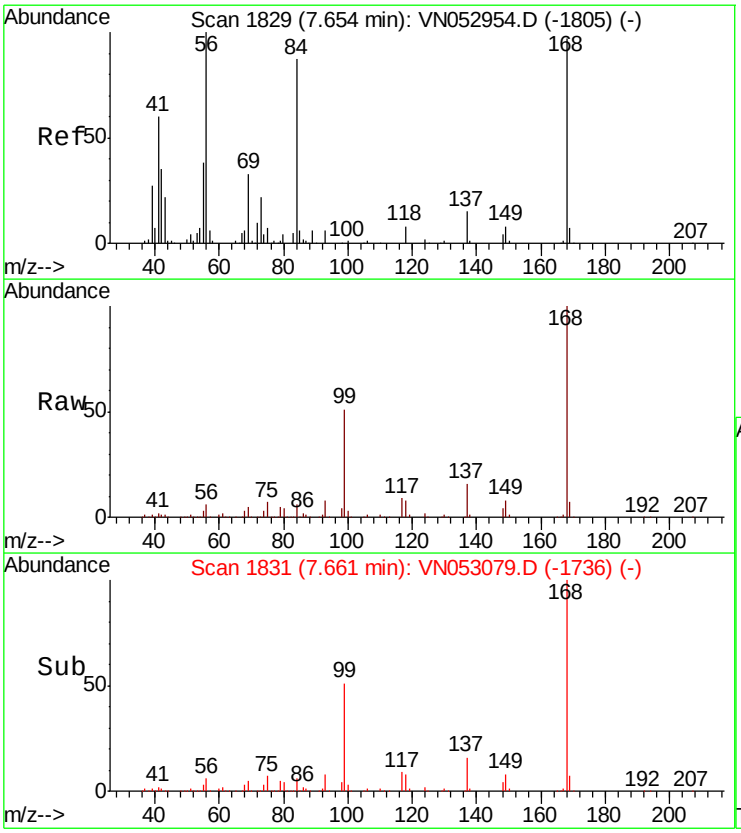
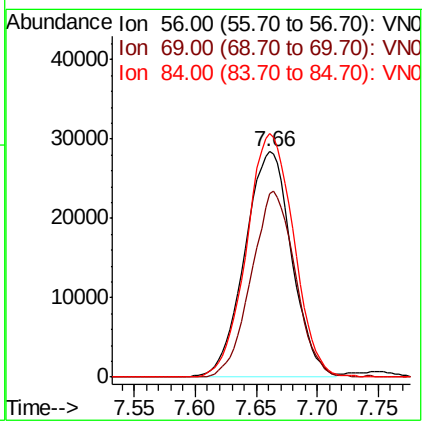


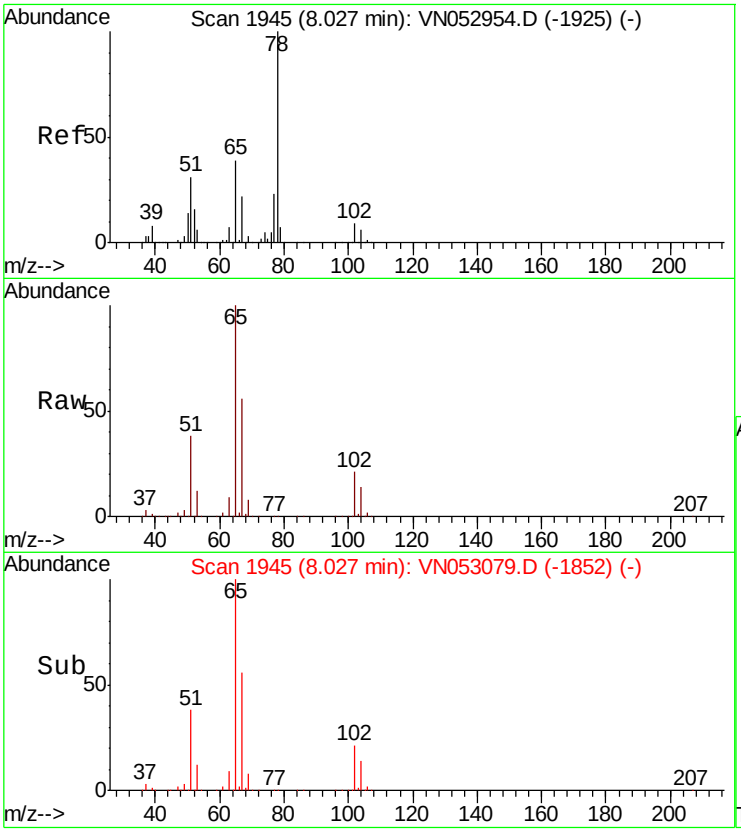


#31
Cyclohexane
Concen: 2.258 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 56 Resp: 75944

Ion	Ratio	Lower	Upper
56	100		
69	81.4	26.6	39.8#
84	108.0	68.4	102.6#

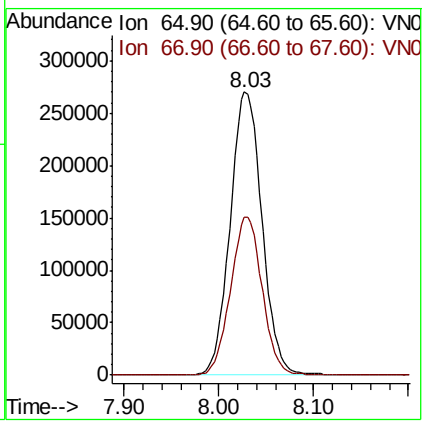




#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 65 Resp: 632766

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.4



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

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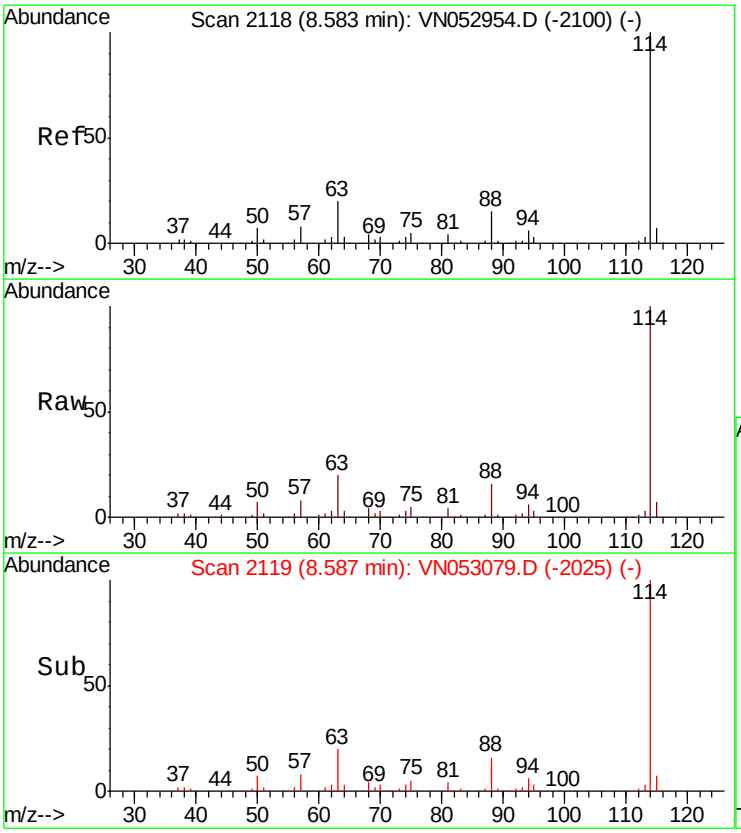
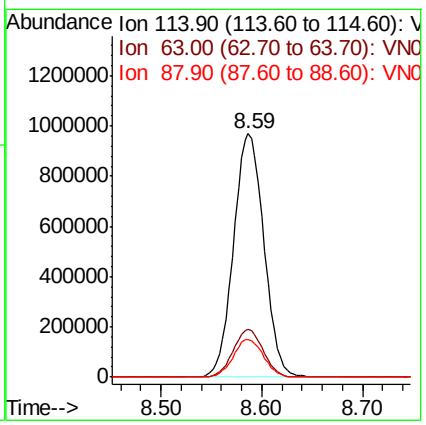
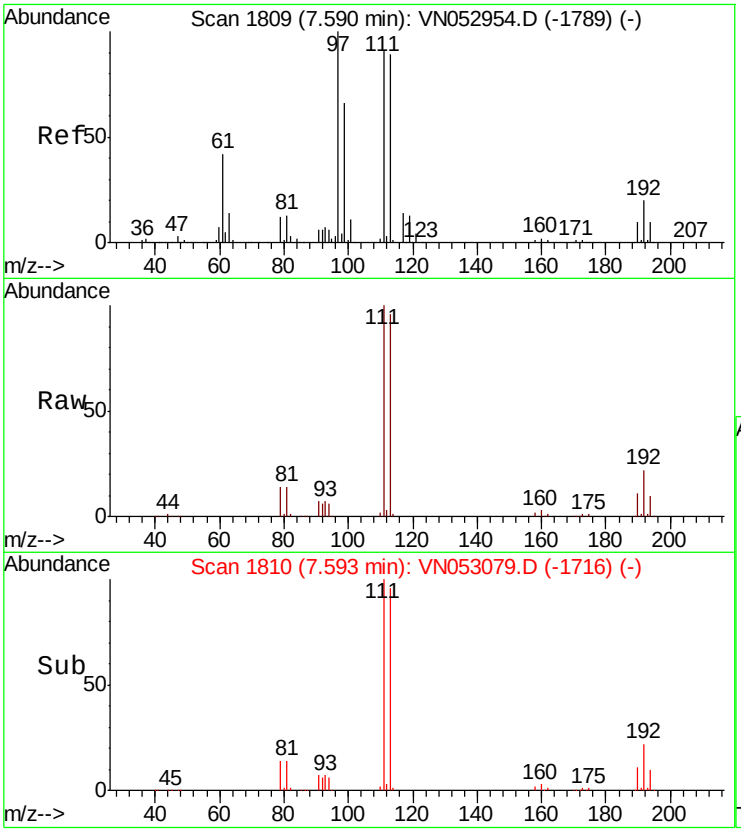


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion:114 Resp: 2018297

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.7	0.0	31.0

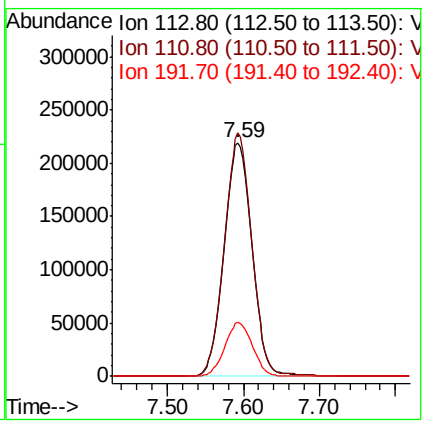




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion:113 Resp: 561772

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.8	17.5	26.3



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

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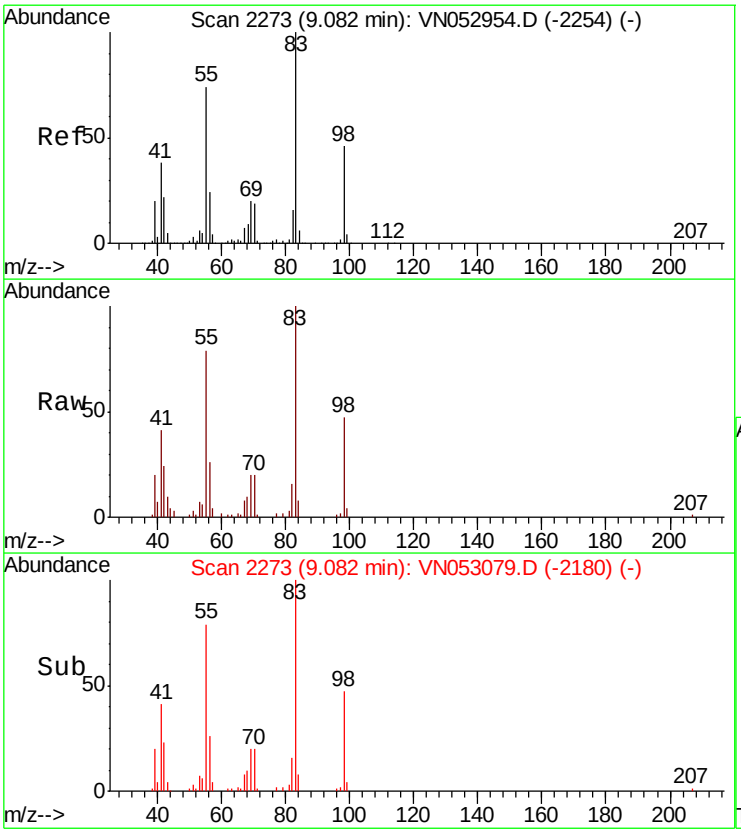
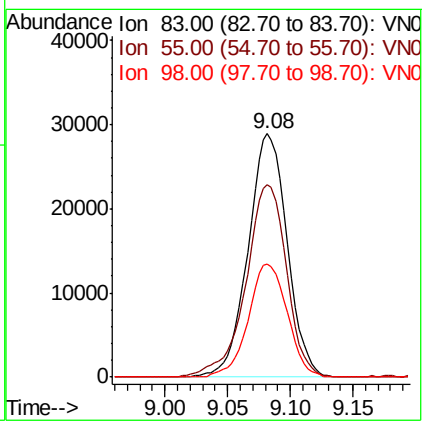
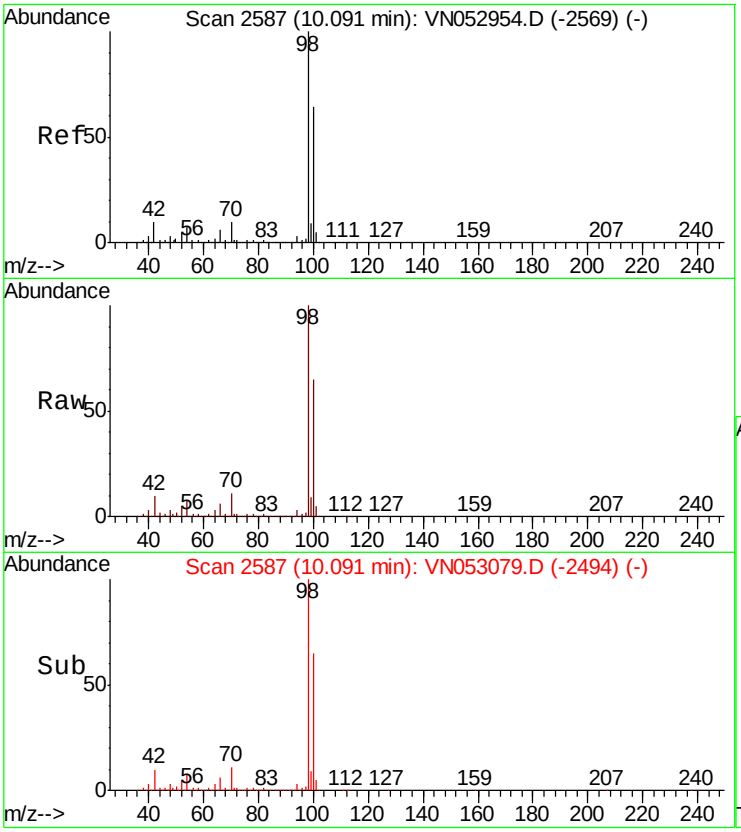


#39
Methylcyclohexane
Concen: 2.670 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 83 Resp: 62836

Ion	Ratio	Lower	Upper
83	100		
55	79.1	61.3	91.9
98	46.6	37.0	55.4





#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 98 Resp: 2451948

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

Manual Integrations APPROVED
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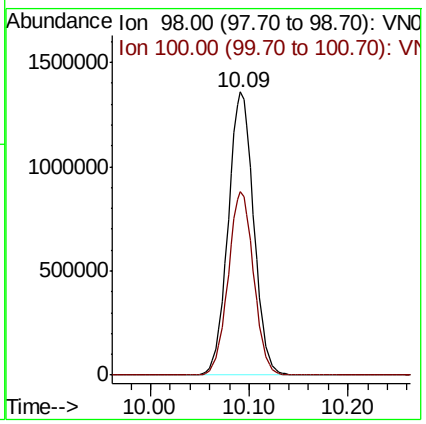
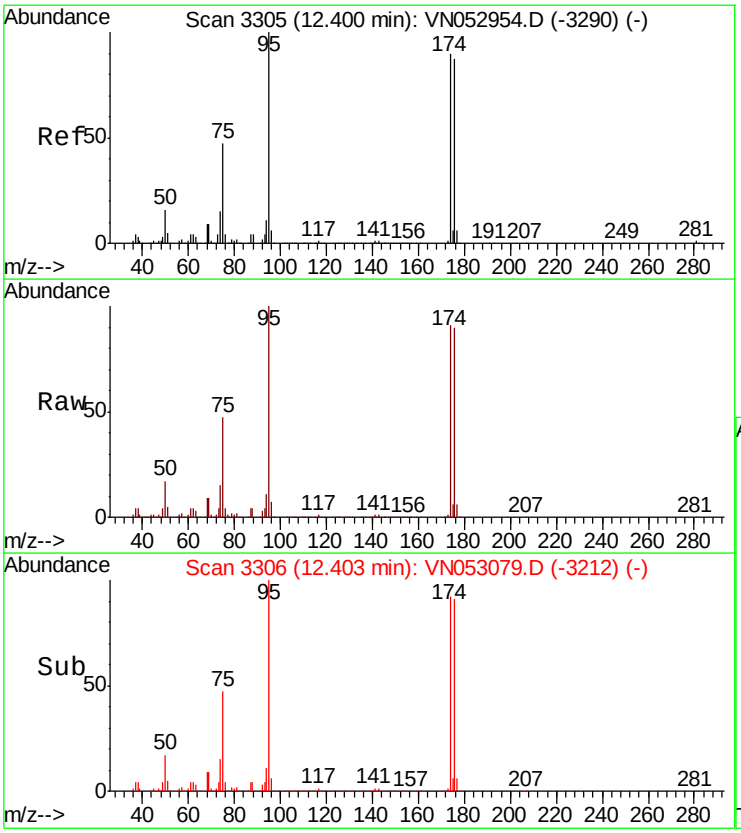
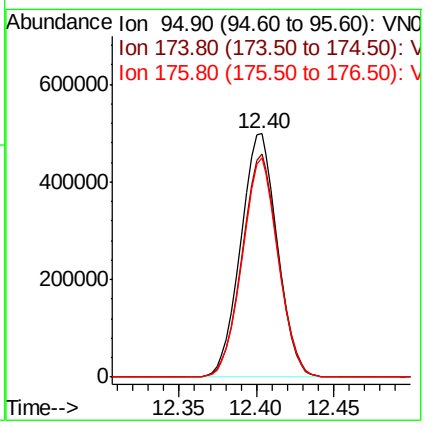


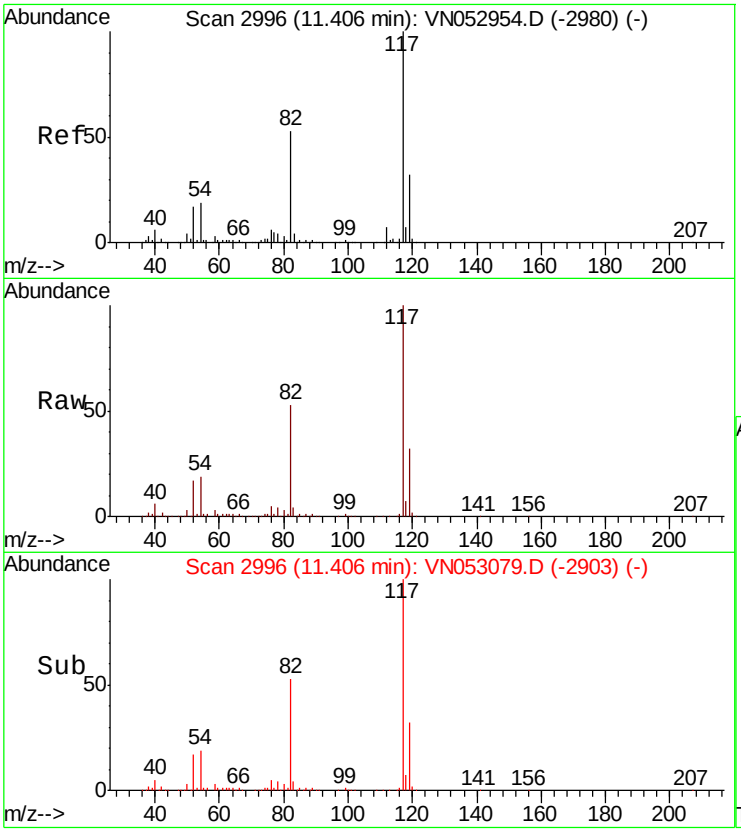


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 95 Resp: 822086

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	178.8
176	88.3	0.0	173.8

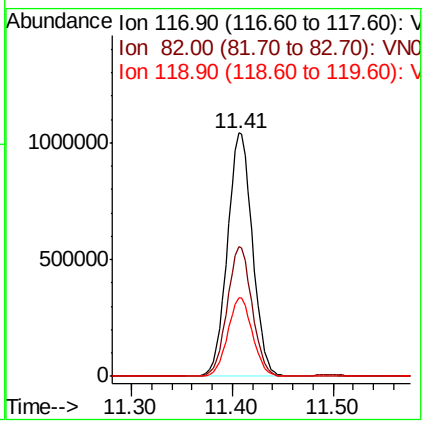




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion:117 Resp: 1796876

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.8	64.2
119	32.2	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

Manual Integrations APPROVED
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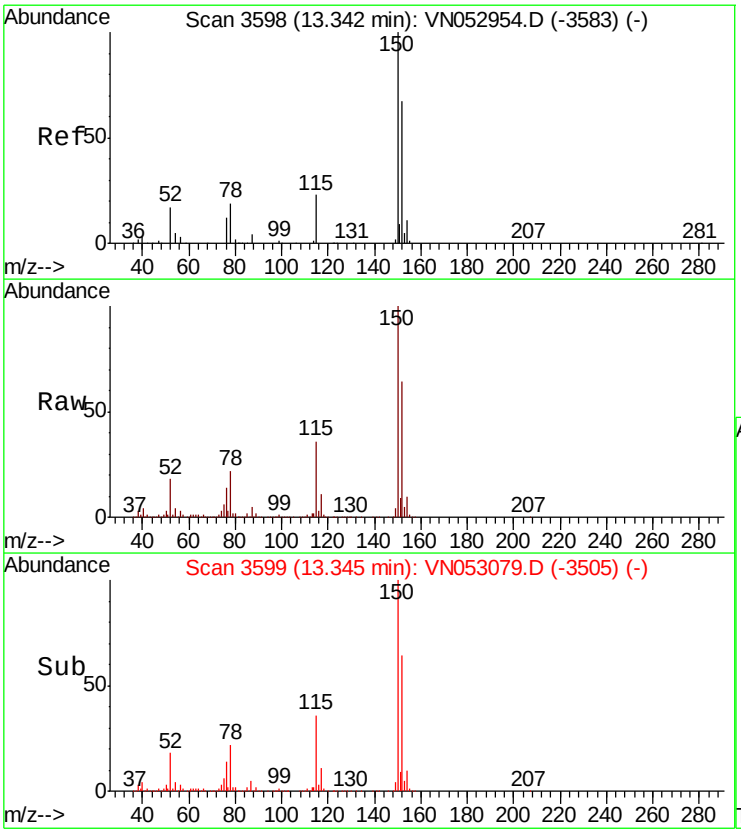
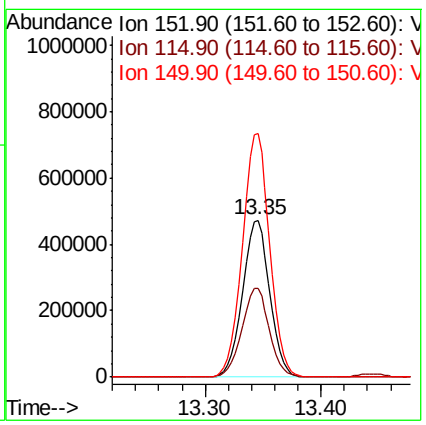
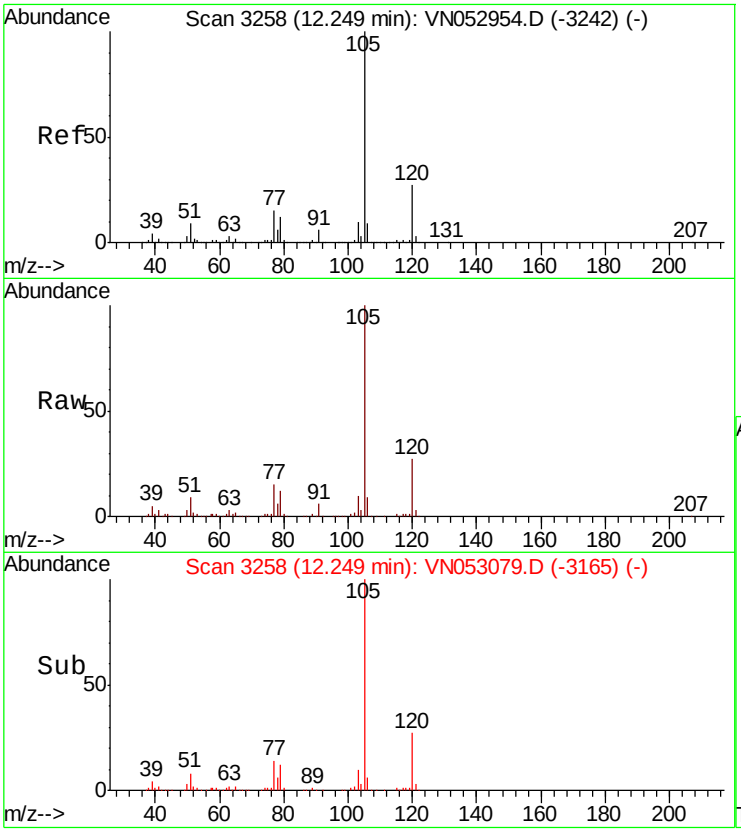


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion:152 Resp: 768019

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.3	85.0
150	156.0	0.0	347.8





#73
Isopropylbenzene
Concen: 3.691 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion:105 Resp: 221816

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations APPROVED
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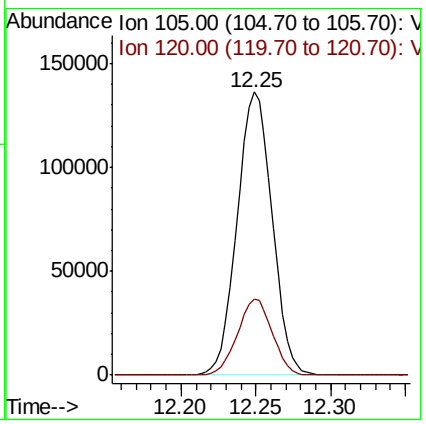
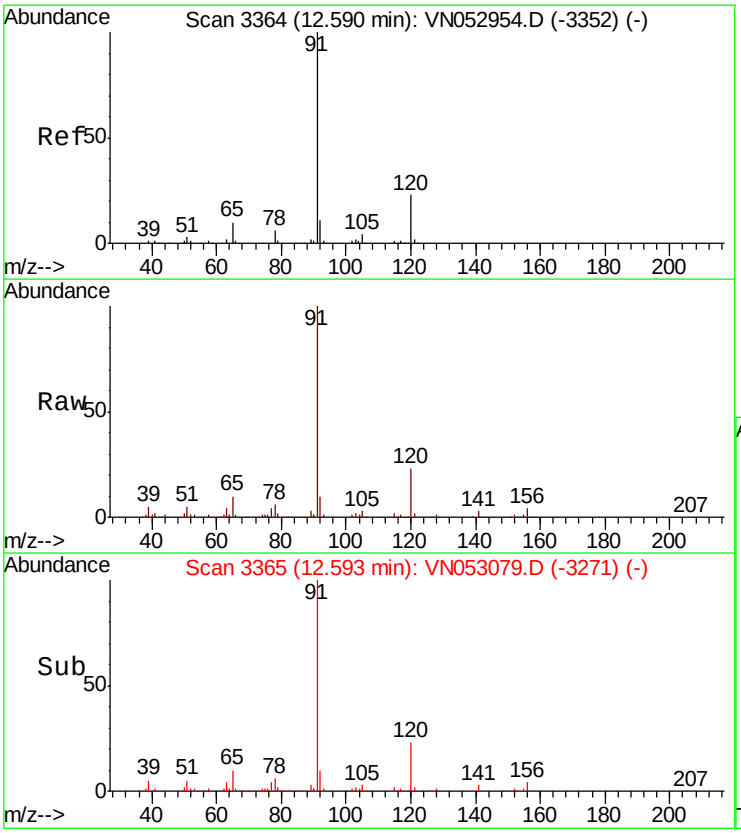
12/21/2018 11:31:39 AM

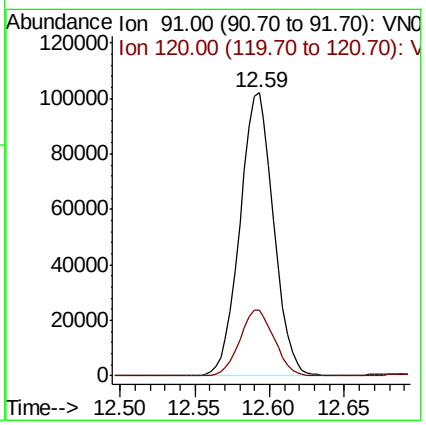


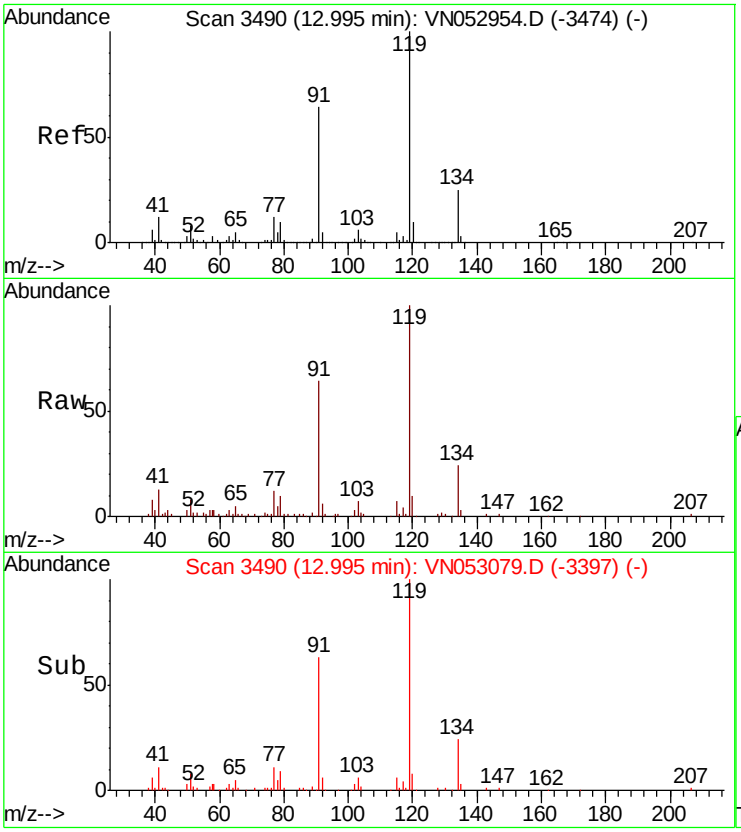


#78
n-propylbenzene
Concen: 2.343 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 91 Resp: 160339

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.5	34.5

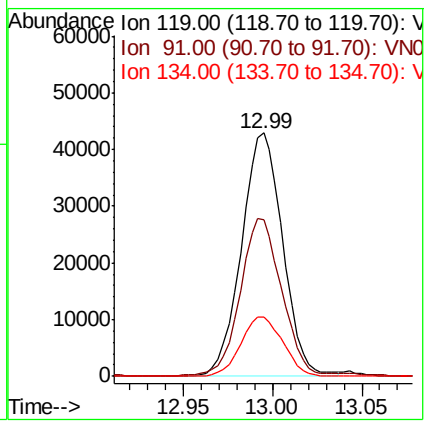




#83
tert-Butylbenzene
Concen: 1.602 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

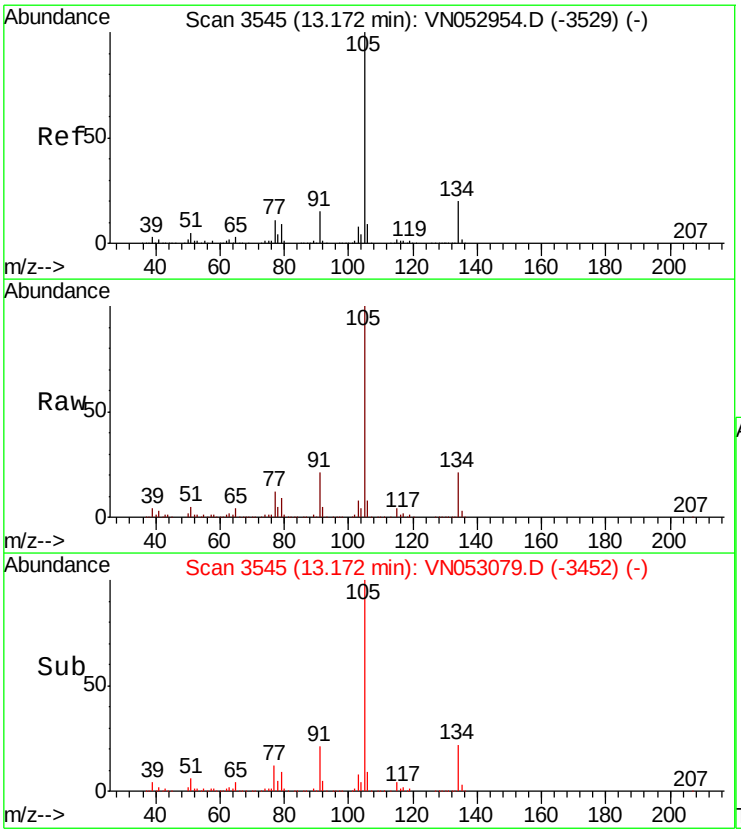
Tgt Ion:119 Resp: 69393

Ion	Ratio	Lower	Upper
119	100		
91	65.2	31.9	95.5
134	24.7	12.8	38.4



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

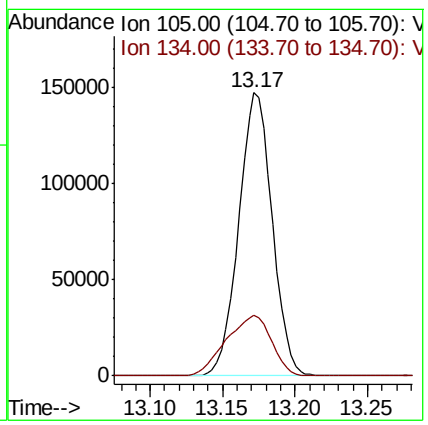
Manual Integrations APPROVED
MMDadoda
12/21/2018 11:31:39 AM

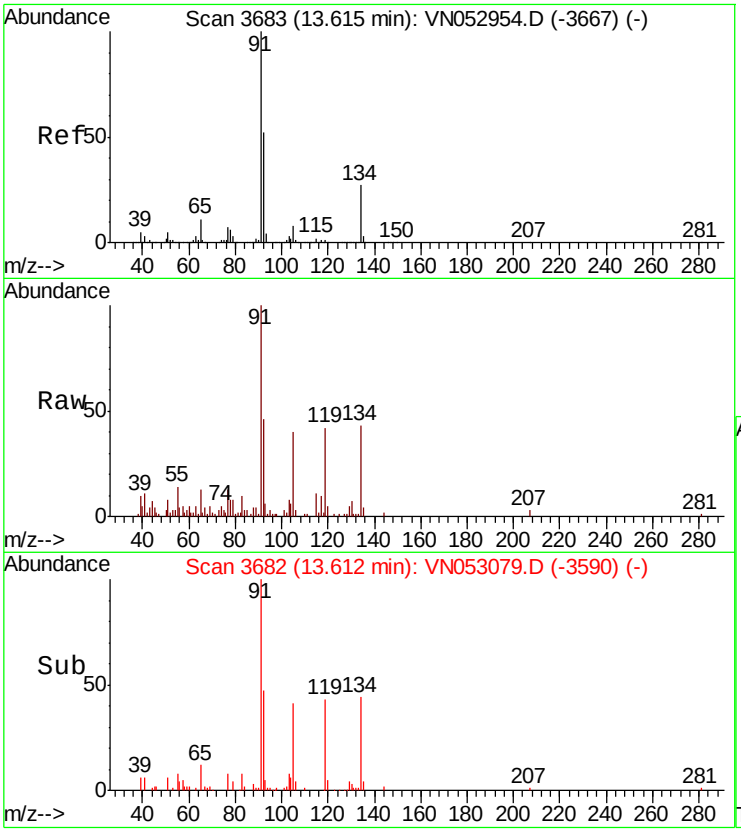


#85
sec-Butylbenzene
Concen: 4.025 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion:105 Resp: 235809

Ion	Ratio	Lower	Upper
105	100		
134	29.1	10.1	30.3

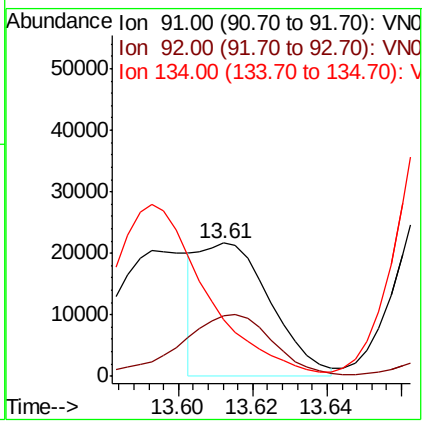




#89
n-Butylbenzene
Concen: 0.673 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053079.D
Acq: 21 Dec 2018 2:09

Tgt Ion: 91 Resp: 29305

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.3	78.9#
134	168.2	13.3	39.8#



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-122018

Manual Integrations APPROVED
MMDadoda
12/21/2018 11:31:39 AM