Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061319\
Data File : VN056282.D
Acq On : 13 Jun 2019 15:31
Operator : JC/SP
Sample : K3345-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DUP-01_061219

Manual Integrations APPROVED
MMDadoda
6/14/2019 9:37:23 AM

Quant Time: Jun 14 01:53:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	360905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	592363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	195668	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.20%			
35) Dibromofluoromethane	7.59	113	180642	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.40%			
50) Toluene-d8	10.09	98	737834	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.52%			
62) 4-Bromofluorobenzene	12.40	95	260239	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.44%			
Target Compounds						Qvalue
31) Cyclohexane	7.65	56	29117	5.121	ug/l #	76
39) Methylcyclohexane	9.08	83	24343	3.837	ug/l	96
52) Toluene	10.16	92	3850	0.400	ug/l	84
67) Ethyl Benzene	11.51	91	29614	1.458	ug/l	93
68) m/p-Xylenes	11.63	106	4988	0.643	ug/l	99
73) Isopropylbenzene	12.25	105	1110873	70.277	ug/l	100
78) n-propylbenzene	12.59	91	446867	23.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4450m	0.294	ug/l	
84) 1,2,4-Trimethylbenzene	13.04	105	14959	1.043	ug/l	97
85) sec-Butylbenzene	13.17	105	95995	5.697	ug/l	86
86) p-Isopropyltoluene	13.29	119	5536m	0.367	ug/l	
89) n-Butylbenzene	13.61	91	31626	2.831	ug/l #	76
95) Naphthalene	15.13	128	68870	9.760	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\VN061319\
Data File : VN056282.D
Acq On : 13 Jun 2019 15:31
Operator : JC/SP
Sample : K3345-13
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 14 01:53:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
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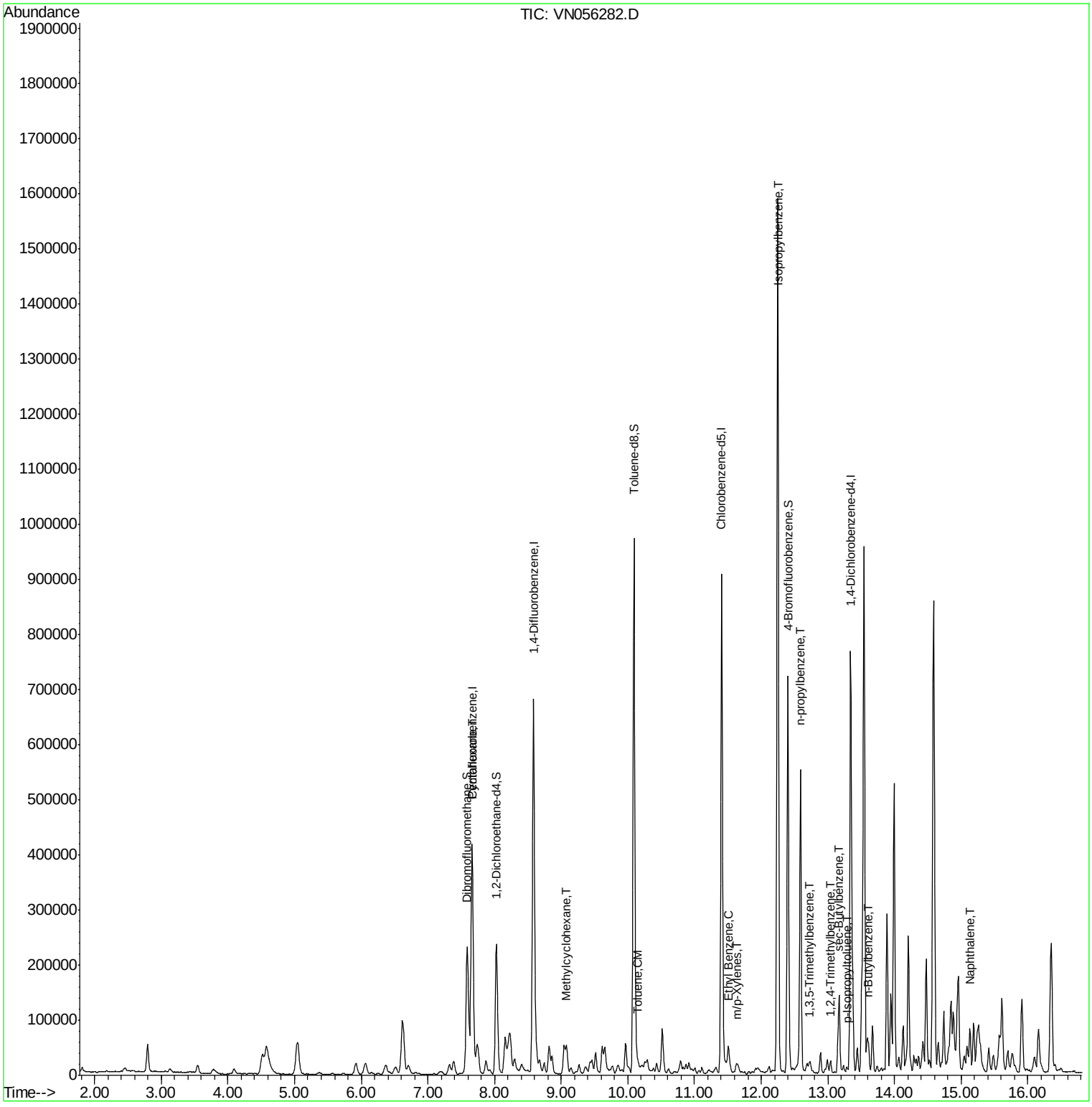
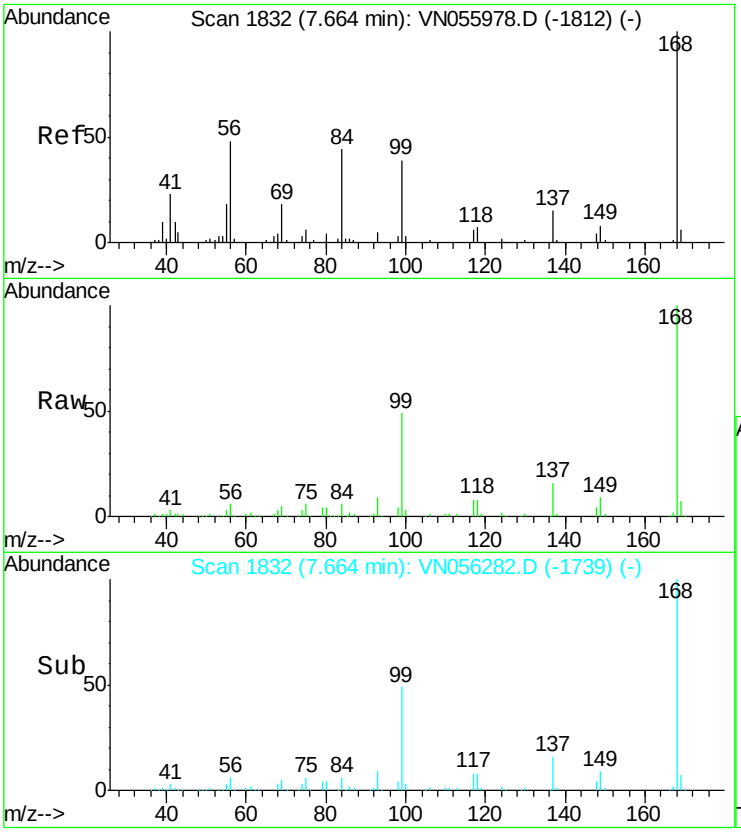
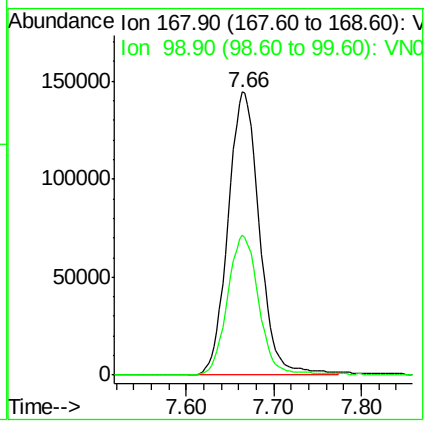




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:168 Resp: 360905

Ion	Ratio	Lower	Upper
168	100		
99	49.5	37.2	55.8



Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
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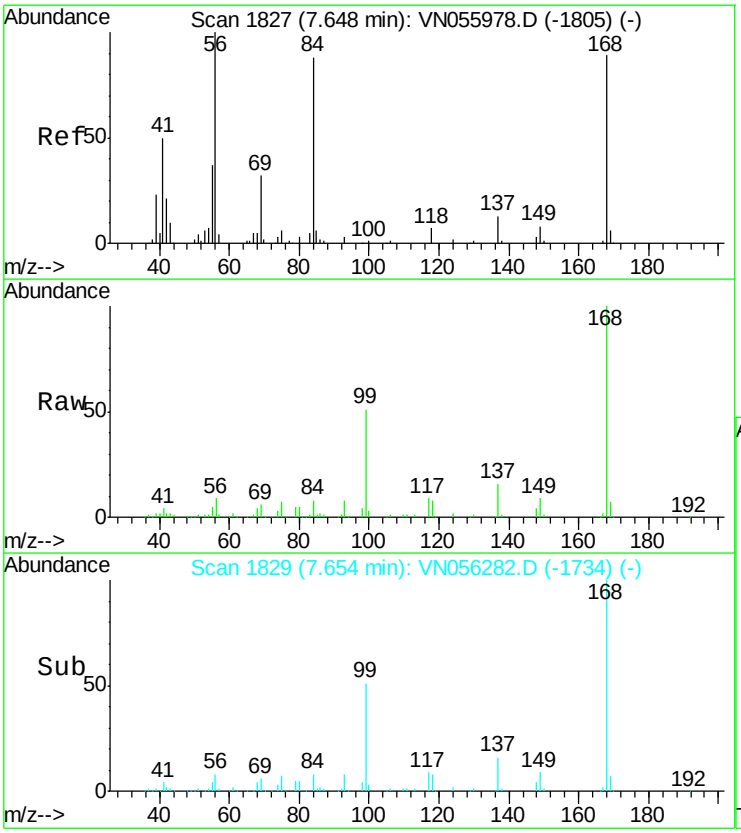
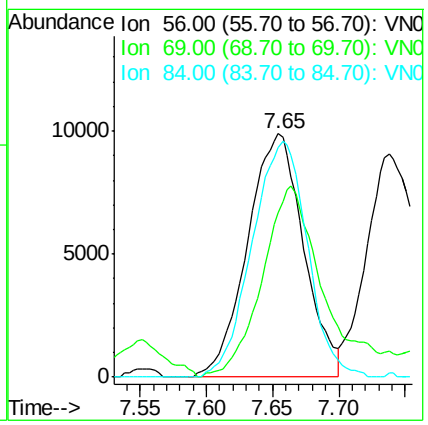
6/14/2019 9:37:23 AM

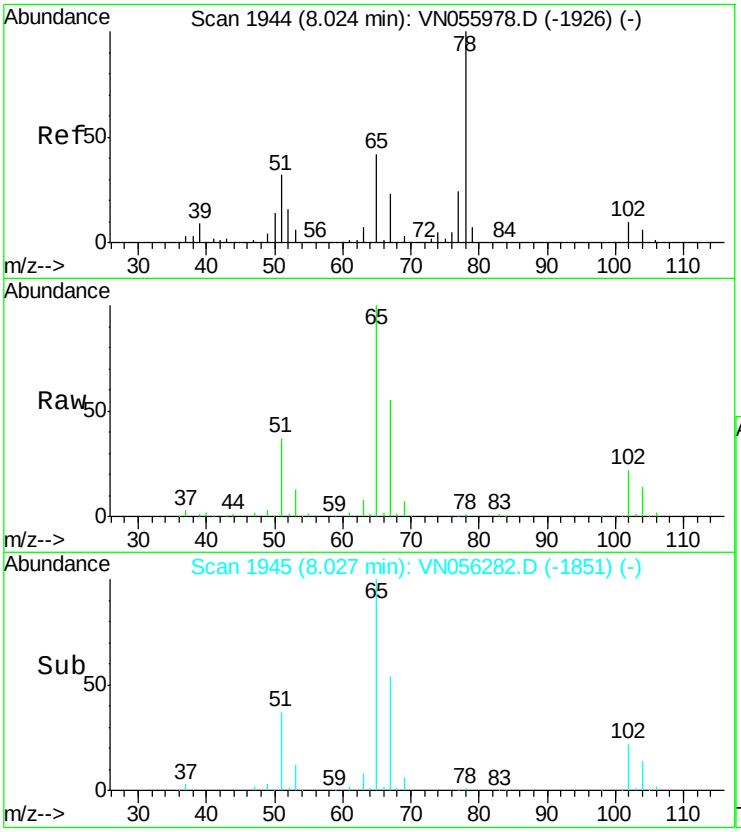


#31
Cyclohexane
Concen: 5.121 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion: 56 Resp: 29117

Ion	Ratio	Lower	Upper
56	100		
69	64.1	25.6	38.4#
84	94.5	67.4	101.0

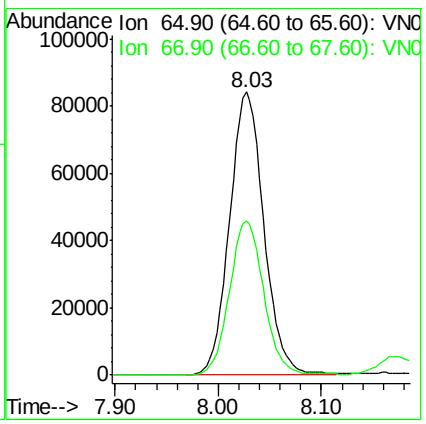




#33
1,2-Dichloroethane-d4
Concen: 54.603 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion: 65 Resp: 195668

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.2



Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
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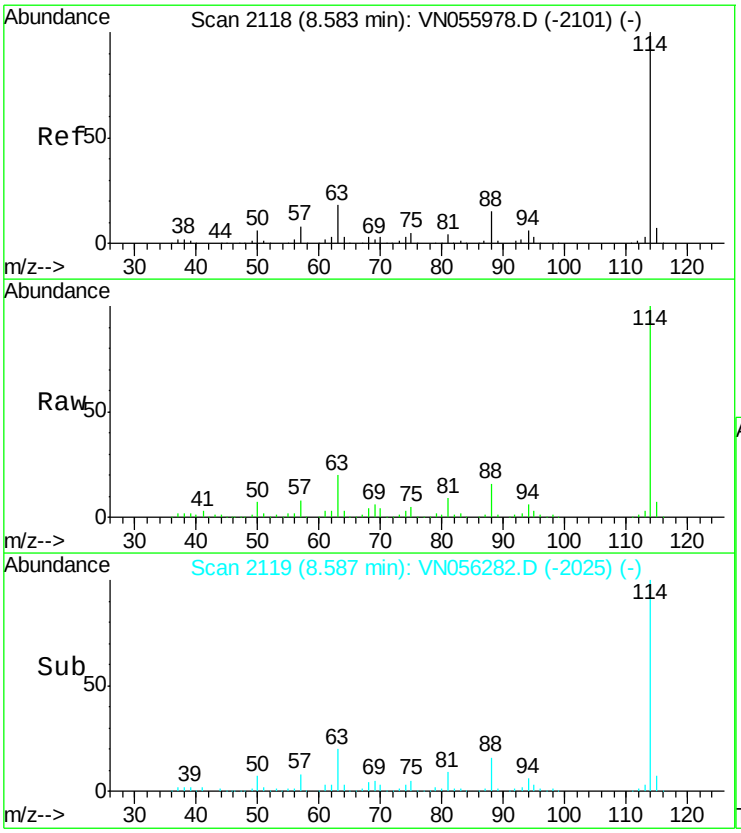
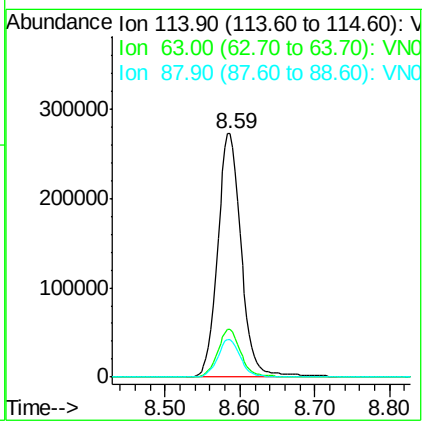
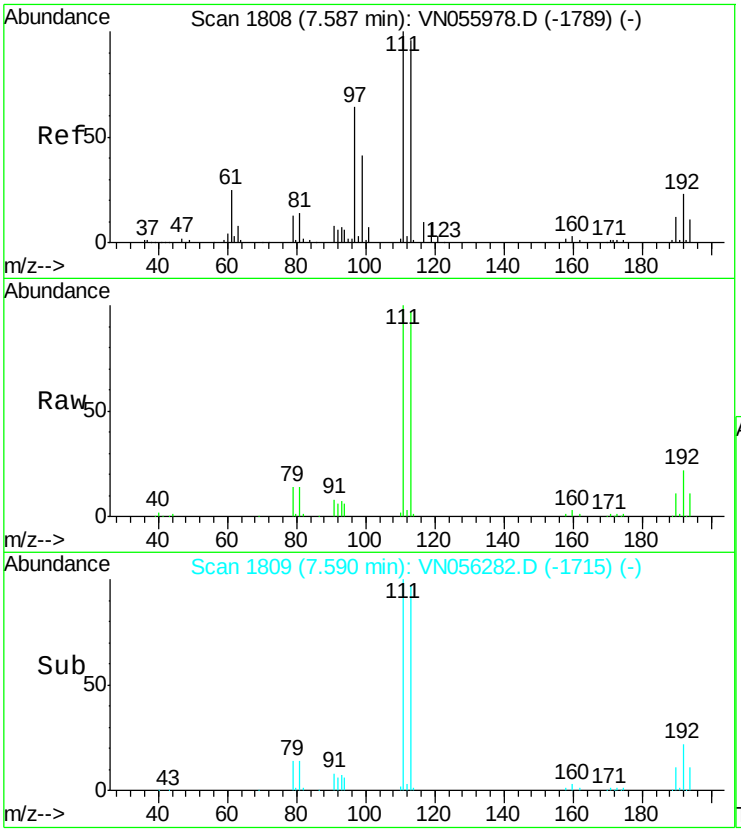


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:114 Resp: 592363

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.2
88	15.6	0.0	31.0

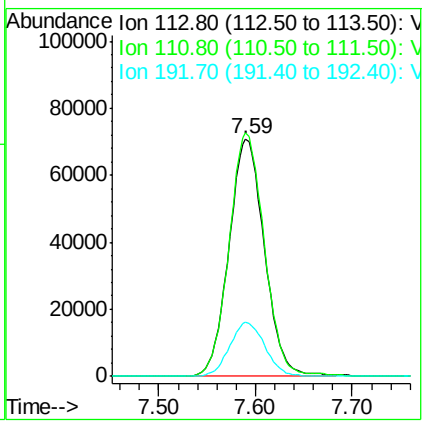




#35
Dibromofluoromethane
Concen: 49.704 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:113 Resp: 180642

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	22.4	19.5	29.3



Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
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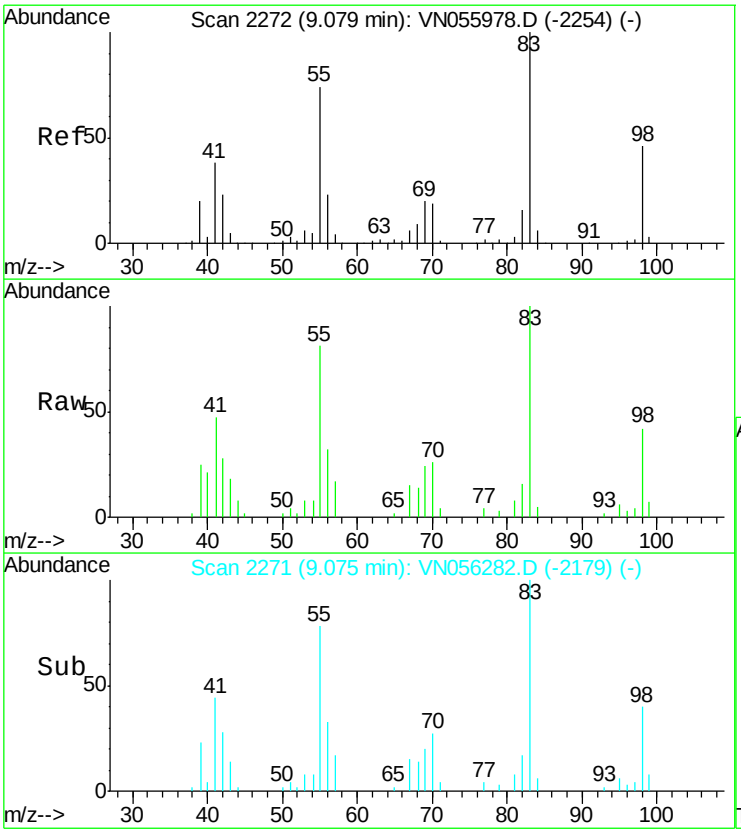
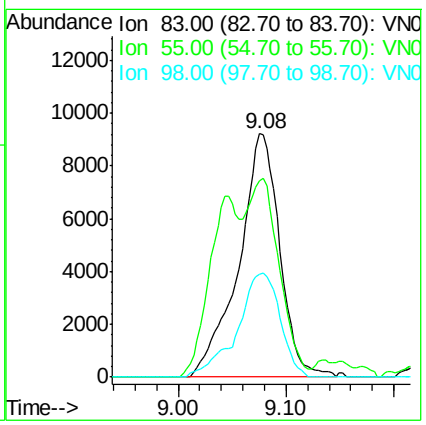
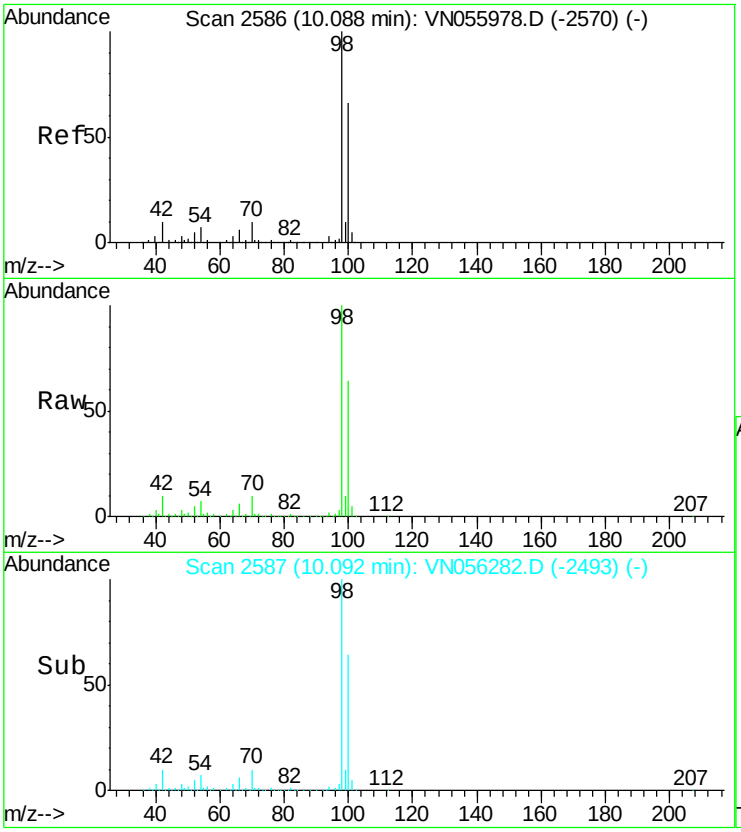


#39
Methylcyclohexane
Concen: 3.837 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion: 83 Resp: 24343

Ion	Ratio	Lower	Upper
83	100		
55	77.4	59.3	88.9
98	42.3	36.6	54.8





#50
Toluene-d8
Concen: 52.759 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion: 98 Resp: 737834

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.9	77.9

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
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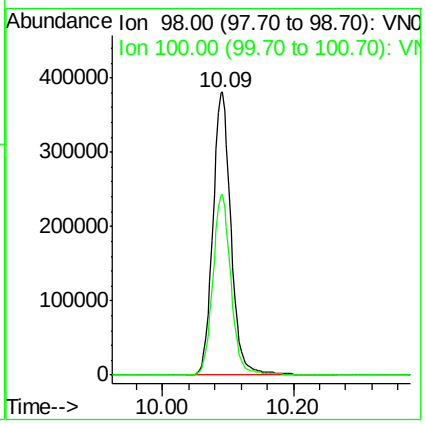
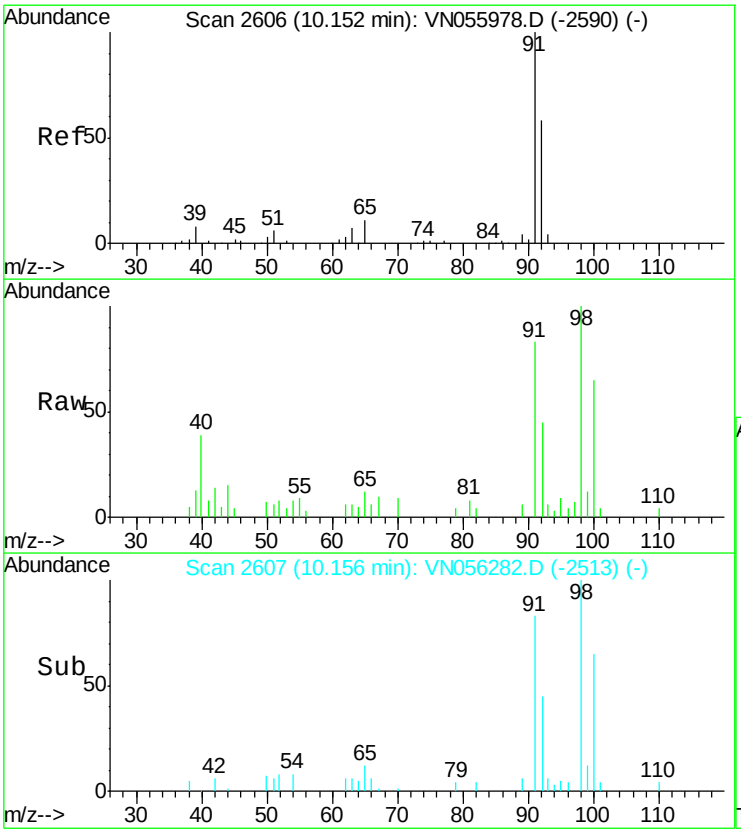
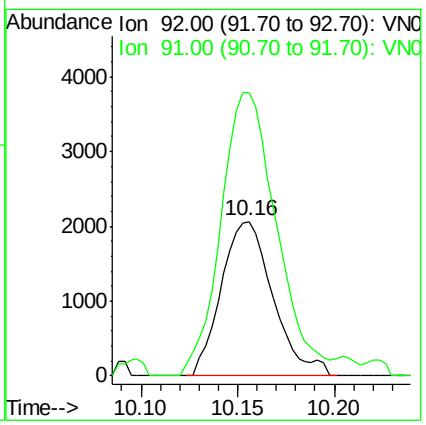


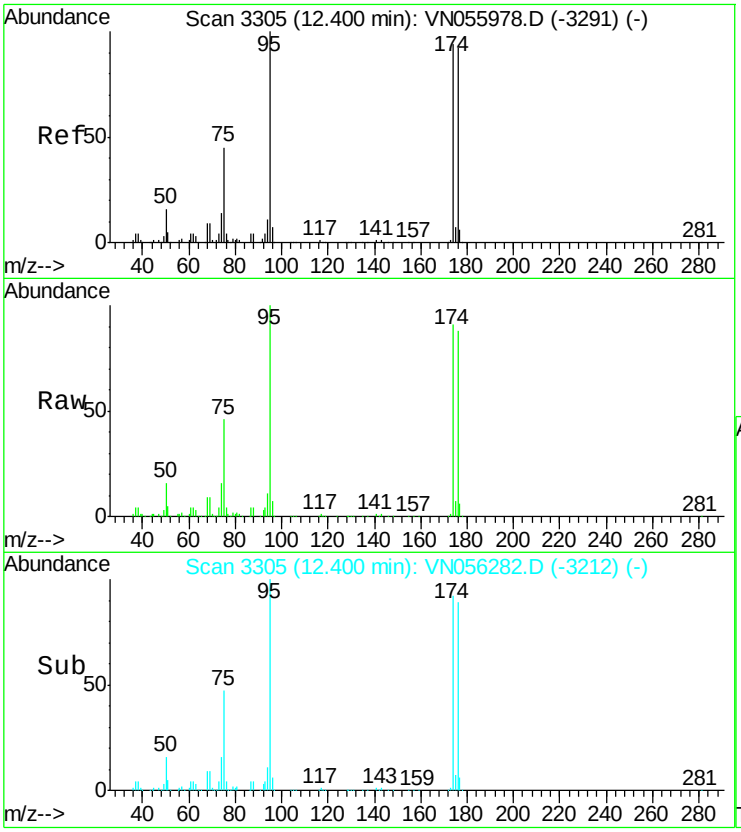


#52
Toluene
Concen: 0.400 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion: 92 Resp: 3850

Ion	Ratio	Lower	Upper
92	100		
91	196.8	139.4	209.2

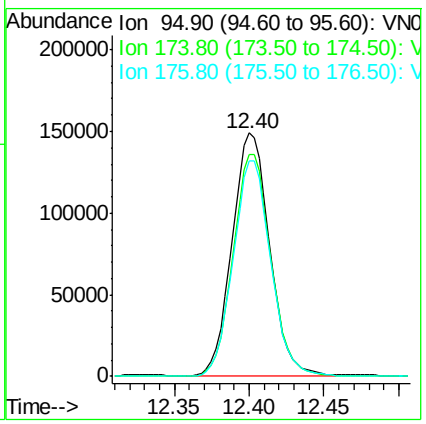




#62
4-Bromofluorobenzene
Concen: 54.719 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion: 95 Resp: 260239

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	191.0
176	88.7	0.0	185.2



Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
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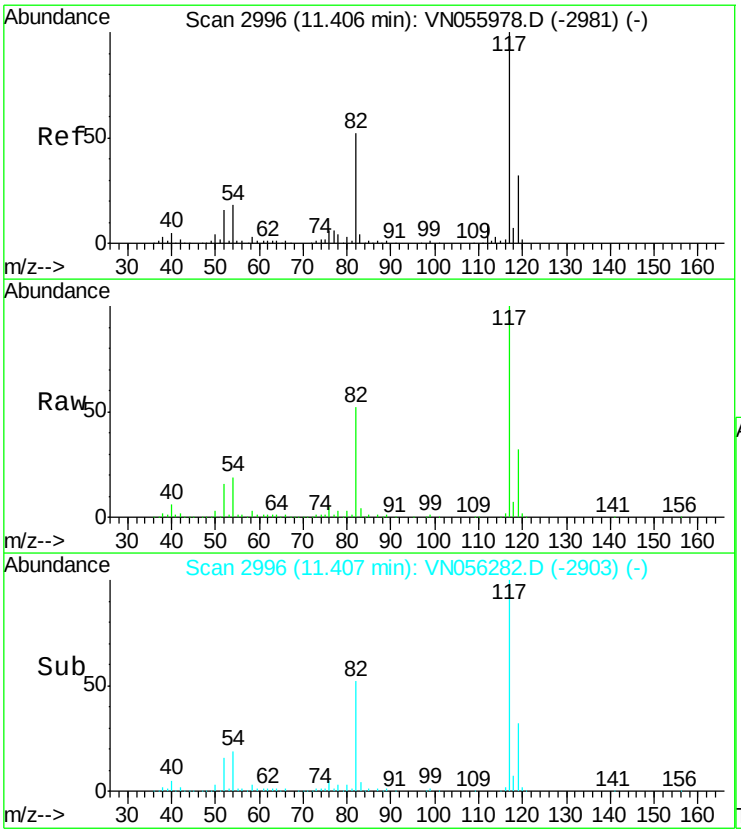
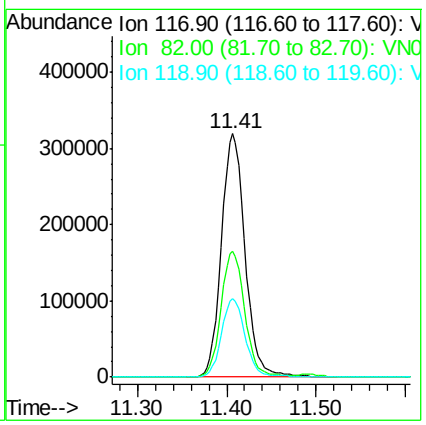
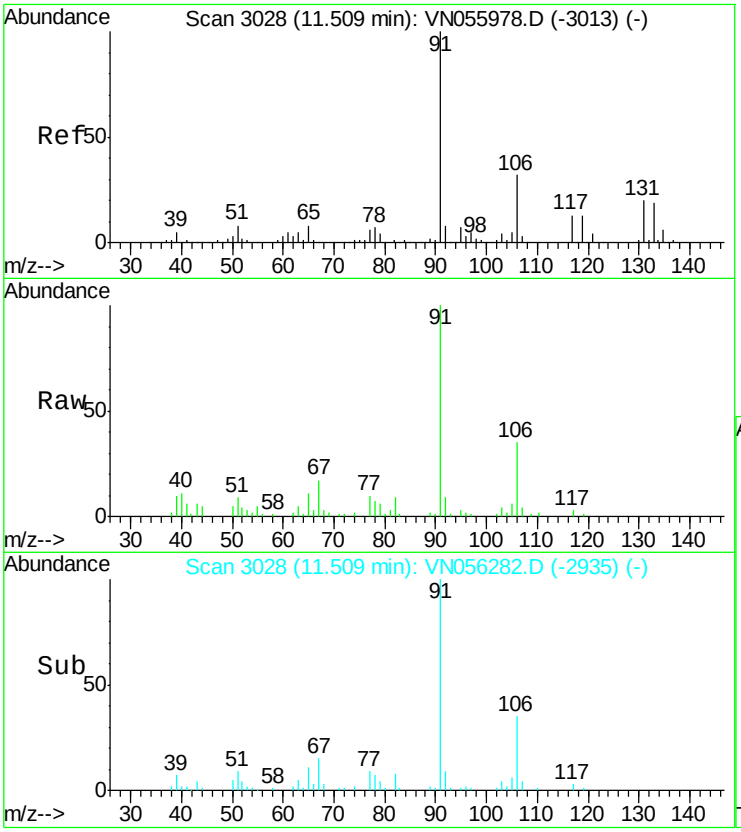


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:117 Resp: 586890

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.8	62.8
119	32.4	25.4	38.0





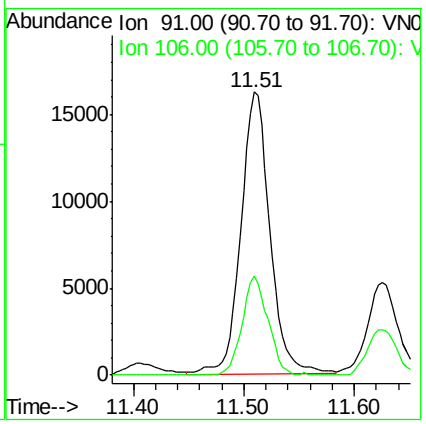
#67
Ethyl Benzene
Concen: 1.458 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

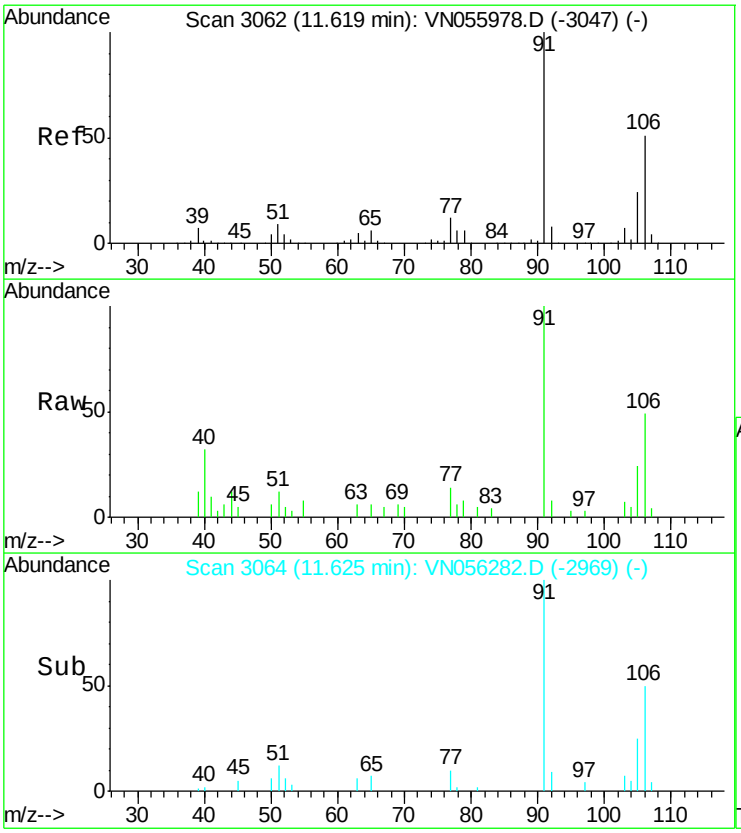
Tgt Ion: 91 Resp: 29614

Ion	Ratio	Lower	Upper
91	100		
106	35.3	25.1	37.7

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
MMDadoda
6/14/2019 9:37:23 AM

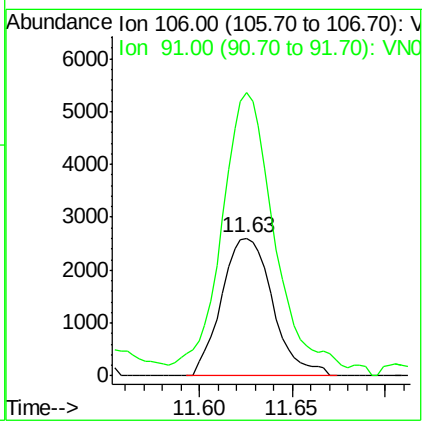


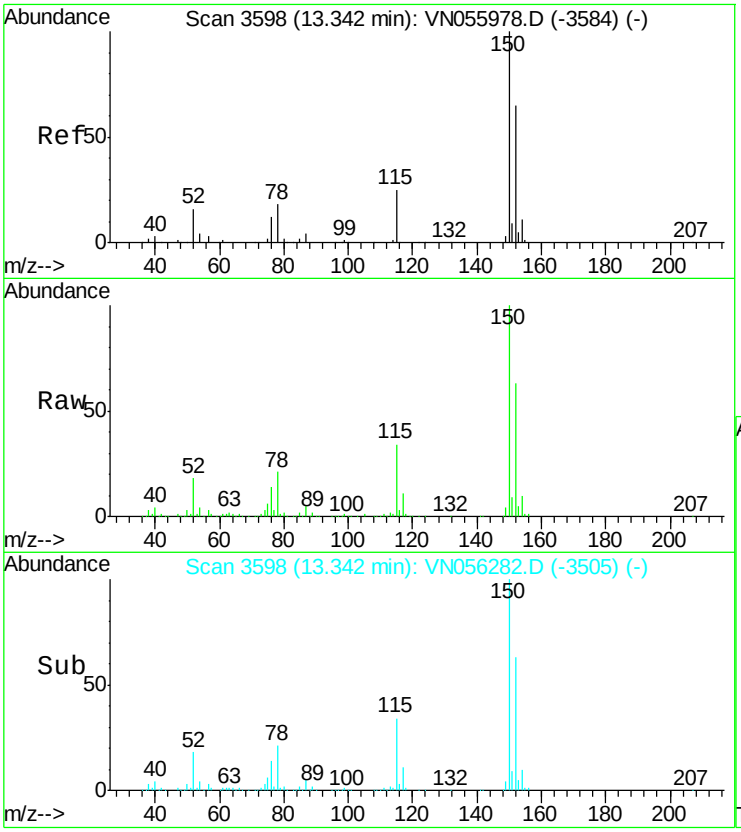


#68
m/p-Xylenes
Concen: 0.643 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:106 Resp: 4988

Ion	Ratio	Lower	Upper
106	100		
91	200.2	159.3	238.9

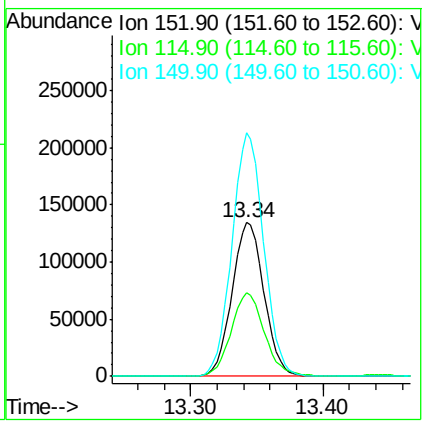




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:152 Resp: 224899

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.0	81.0
150	157.1	0.0	343.2



Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
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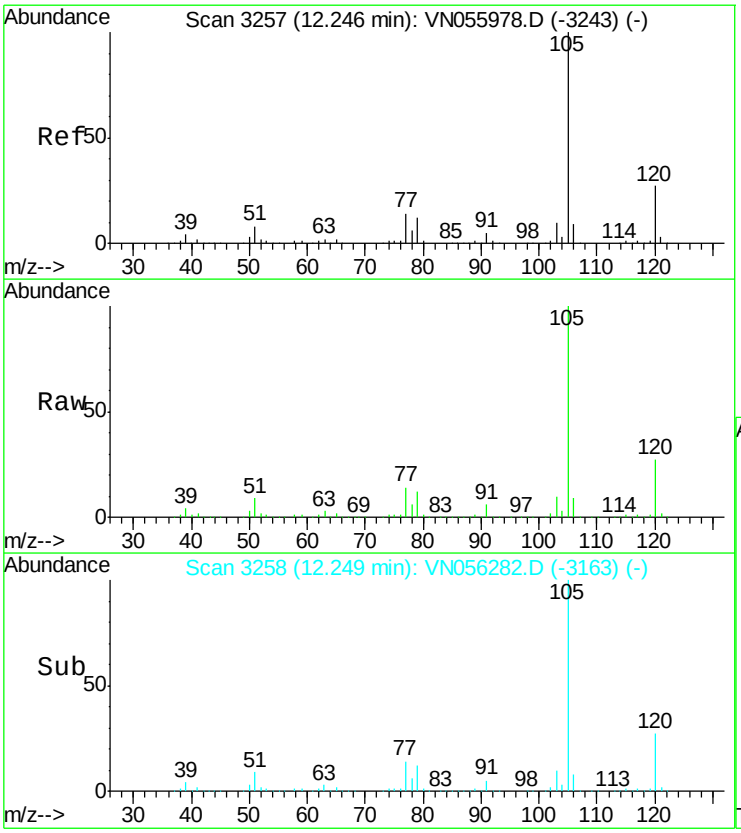
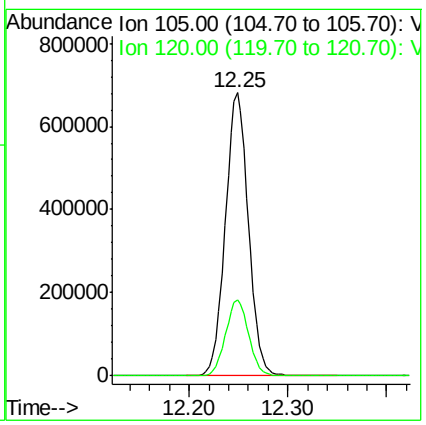
6/14/2019 9:37:23 AM

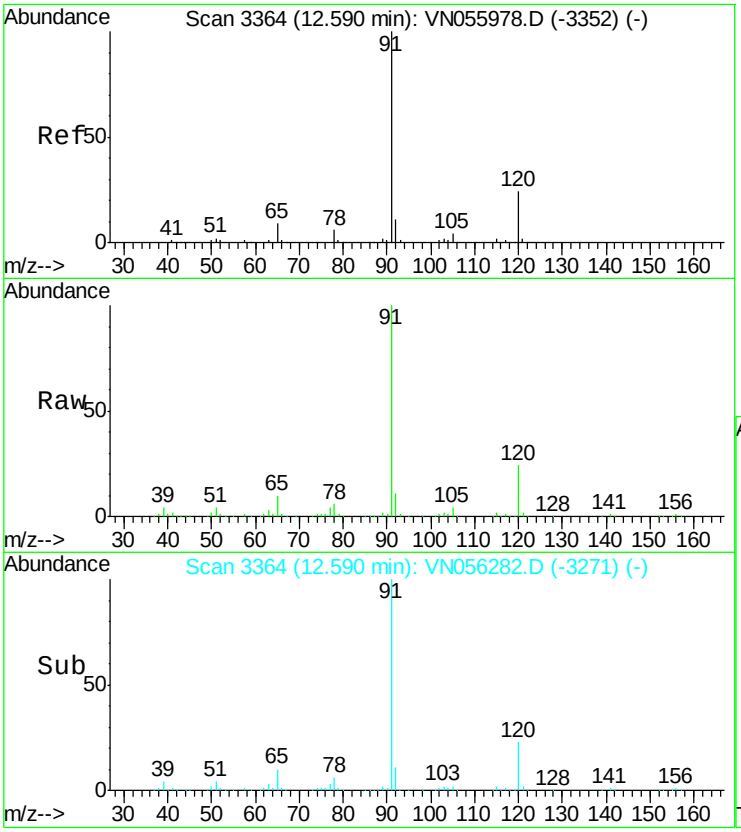


#73
Isopropylbenzene
Concen: 70.277 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:105 Resp: 1110873

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.6	40.7





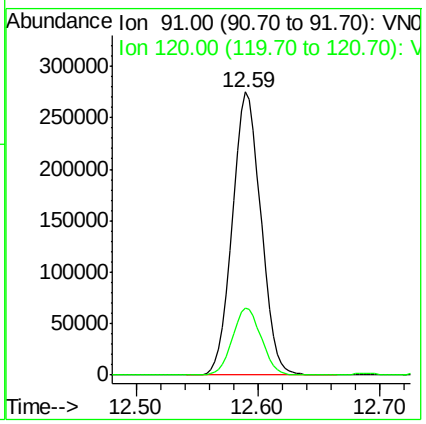
#78
n-propylbenzene
Concen: 23.487 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

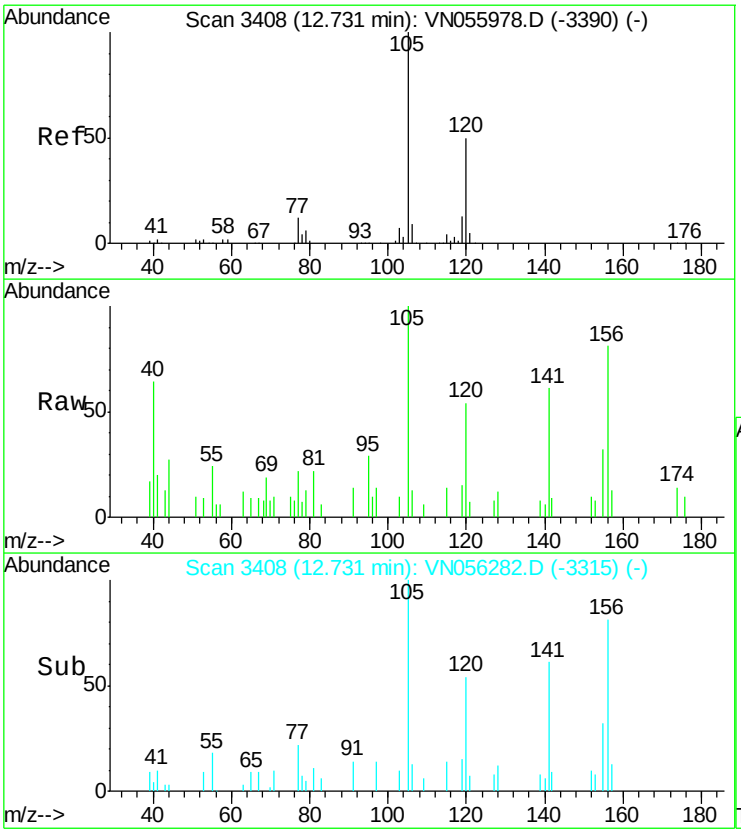
Tgt Ion: 91 Resp: 446867

Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
MMDadoda
6/14/2019 9:37:23 AM

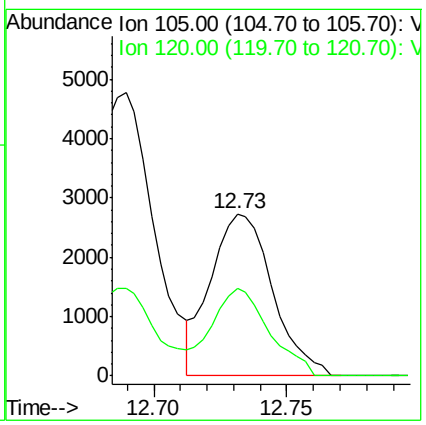


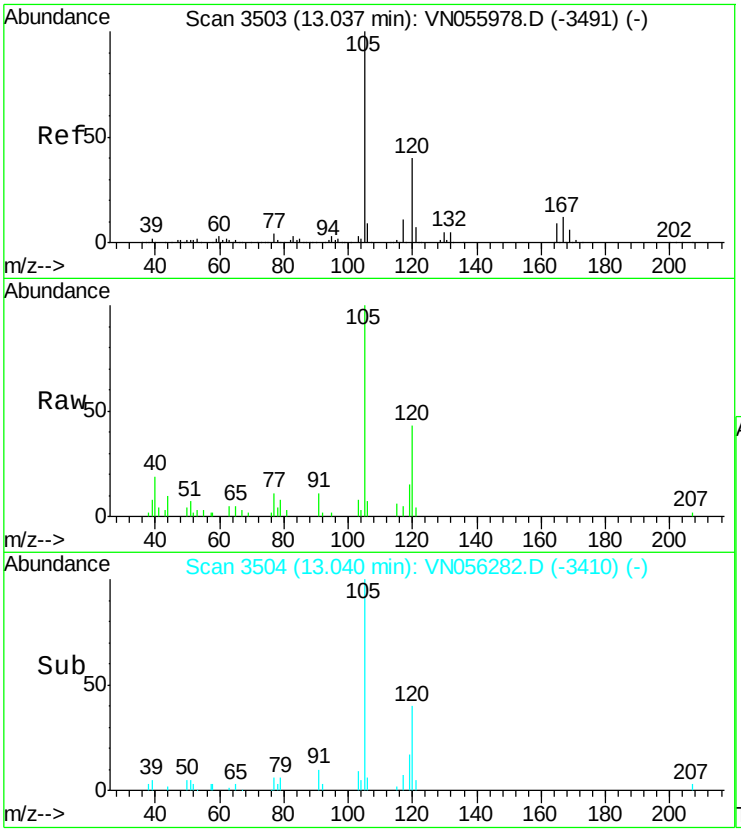


#80
1,3,5-Trimethylbenzene
Concen: 0.294 ug/l m
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:105 Resp: 4450

Ion	Ratio	Lower	Upper
105	100		
120	191.5	24.7	74.1#

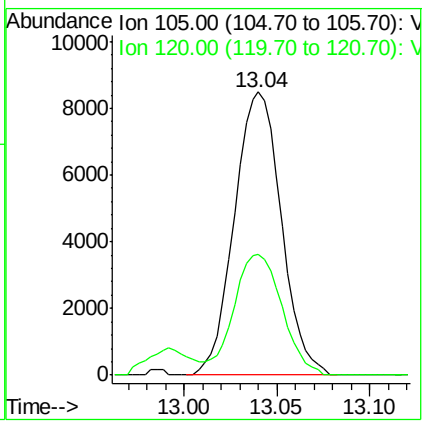




#84
1,2,4-Trimethylbenzene
Concen: 1.043 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:105 Resp: 14959

Ion	Ratio	Lower	Upper
105	100		
120	43.9	23.0	69.0



Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

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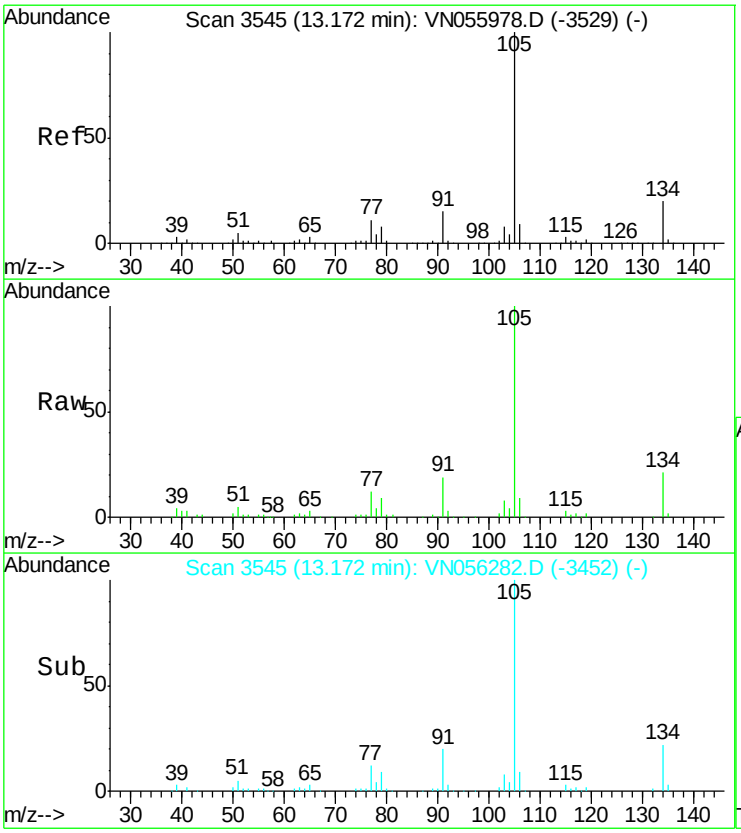
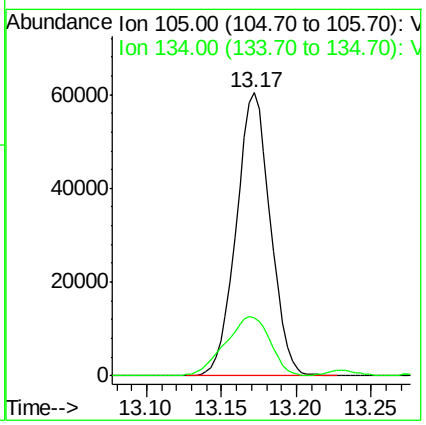
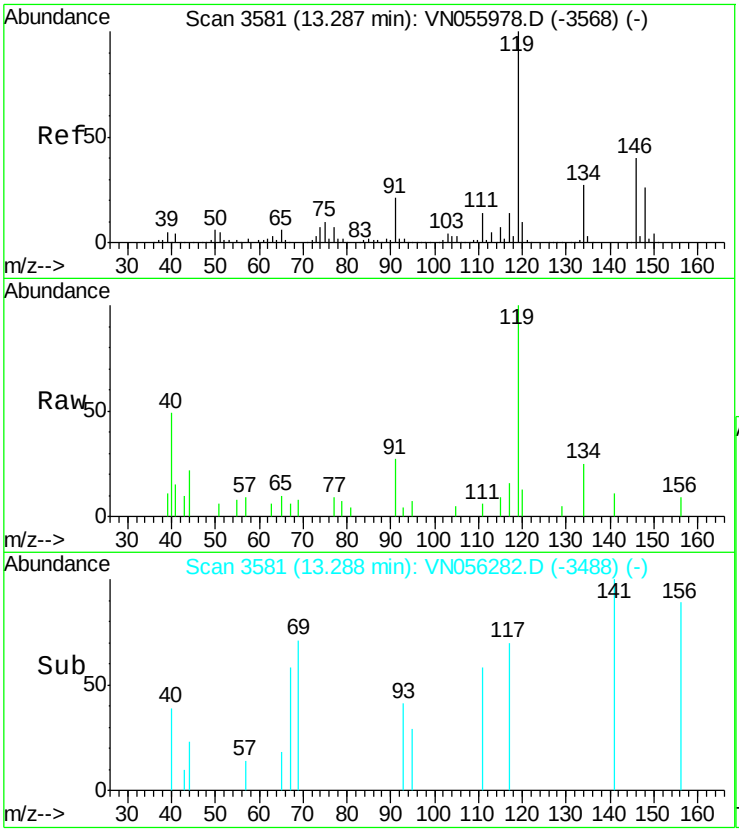


#85
sec-Butylbenzene
Concen: 5.697 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:105 Resp: 95995

Ion	Ratio	Lower	Upper
105	100		
134	27.6	10.4	31.2

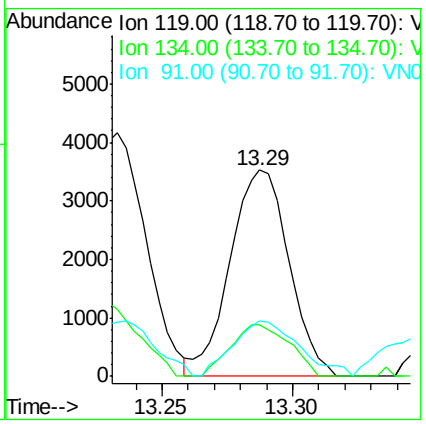




#86
p-Isopropyltoluene
Concen: 0.367 ug/l m
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:119 Resp: 5536

Ion	Ratio	Lower	Upper
119	100		
134	130.3	13.4	40.1#
91	107.9	10.9	32.9#



Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

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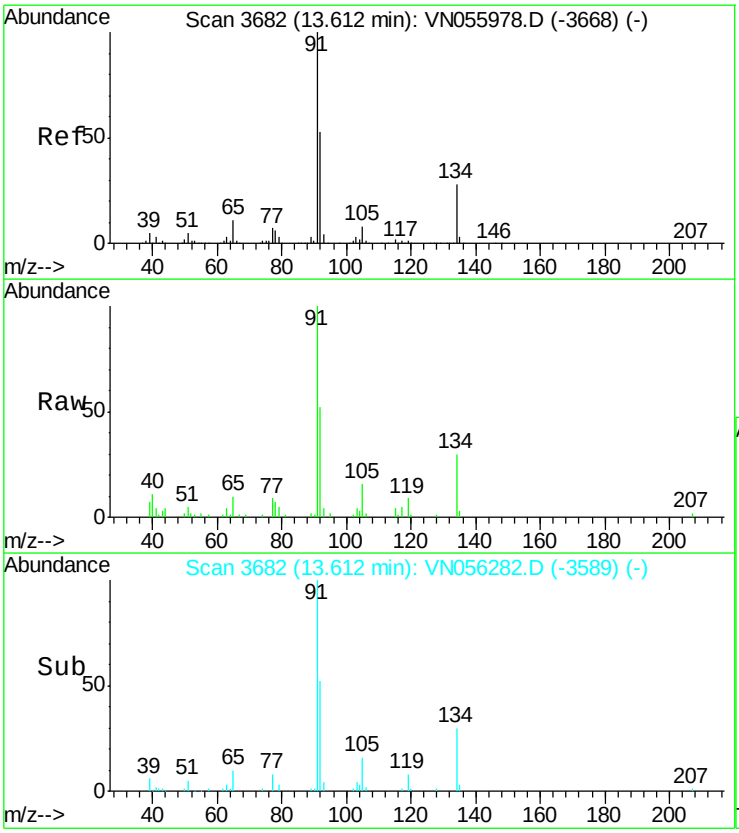
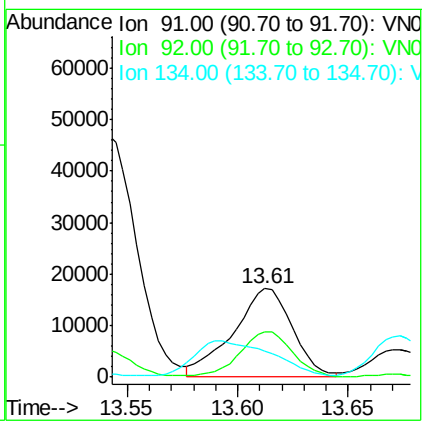
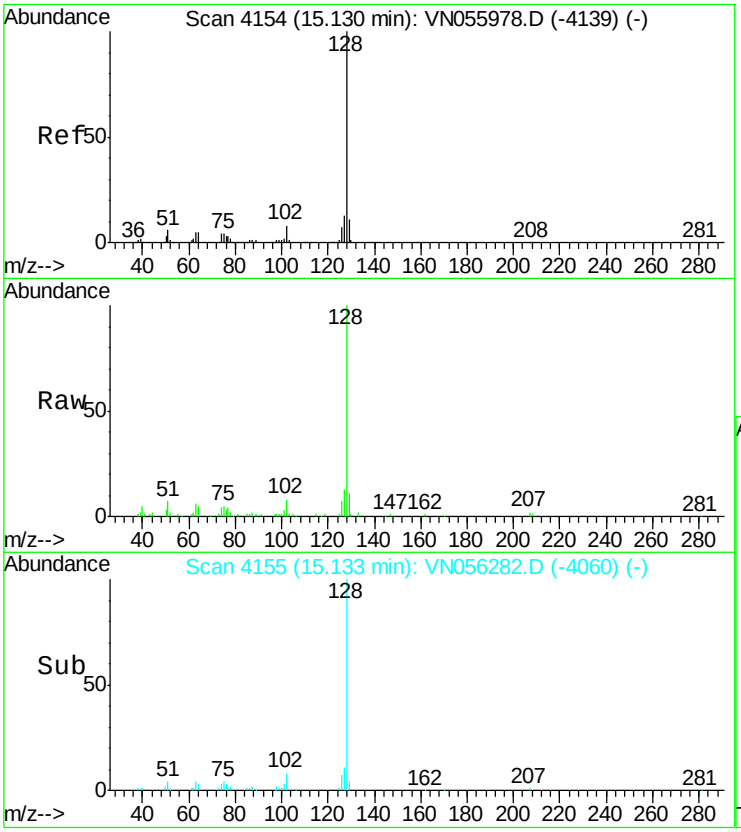


#89
n-Butylbenzene
Concen: 2.831 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion: 91 Resp: 31626

Ion	Ratio	Lower	Upper
91	100		
92	46.4	26.4	79.0
134	0.0	13.9	41.7#

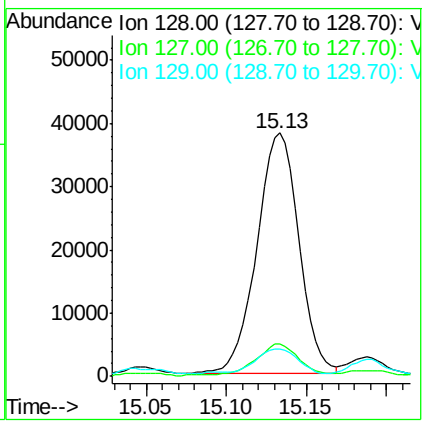




#95
Naphthalene
Concen: 9.760 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056282.D
Acq: 13 Jun 2019 15:31

Tgt Ion:128 Resp: 68870

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.2	8.7	13.1



Instrument :
MSVOA_N
ClientSampleId :
DUP-01_061219

Manual Integrations APPROVED
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