Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100119\
Data File : VN058458.D
Acq On : 1 Oct 2019 12:34
Operator : JC/SP
Sample : K5107-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-4

Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

Quant Time: Oct 02 06:48:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	423473	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	680130	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	581317	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	229441	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	300514	48.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.12%				
35) Dibromofluoromethane	7.58	113	213503	51.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.44%				
50) Toluene-d8	10.09	98	855352	52.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.76%				
62) 4-Bromofluorobenzene	12.41	95	277374	46.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.96%				
Target Compounds							Qvalue
17) Carbon Disulfide	4.04	76	4807	0.456	ug/l		99
19) Methyl tert-butyl Ether	5.02	73	17130m	1.215	ug/l		
22) Diisopropyl ether	5.93	45	26153	1.672	ug/l		93
40) Benzene	8.03	78	586018	31.348	ug/l		99
42) 1,2-Dichloroethane	8.11	62	7794	1.072	ug/l		98
49) 1,4-Dioxane	9.19	88	2322	36.782	ug/l	#	84
52) Toluene	10.15	92	73803	6.272	ug/l		100
65) Chlorobenzene	11.44	112	6831	0.591	ug/l		98
67) Ethyl Benzene	11.51	91	451967	21.594	ug/l		100
68) m/p-Xylenes	11.63	106	194555	24.706	ug/l		98
69) o-Xylene	11.95	106	76139	10.044	ug/l		99
73) Isopropylbenzene	12.25	105	38006	2.241	ug/l		99
78) n-propylbenzene	12.60	91	36198	1.895	ug/l		96
80) 1,3,5-Trimethylbenzene	12.74	105	60954	4.294	ug/l		97
84) 1,2,4-Trimethylbenzene	13.05	105	267950	18.842	ug/l		98
95) Naphthalene	15.14	128	64970	5.770	ug/l		99

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

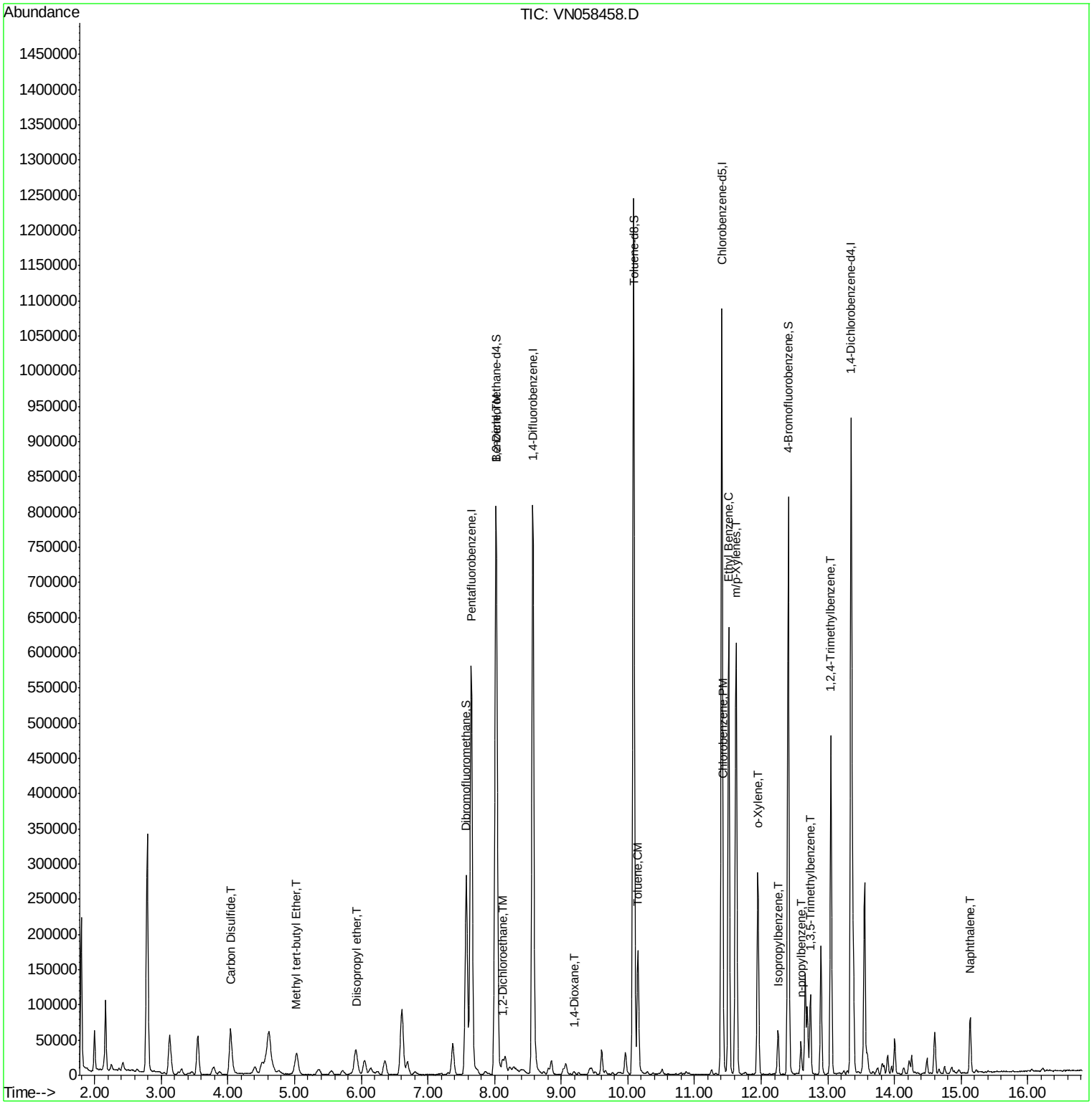
Quantitation Report (QT/LSC Reviewed)

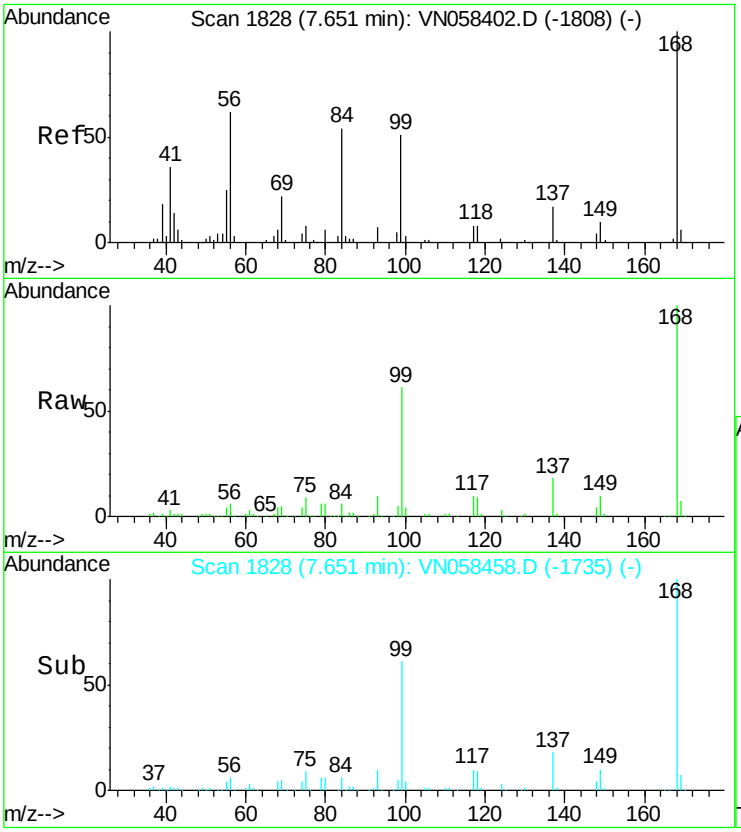
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100119\
Data File : VN058458.D
Acq On : 1 Oct 2019 12:34
Operator : JC/SP
Sample : K5107-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 02 06:48:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

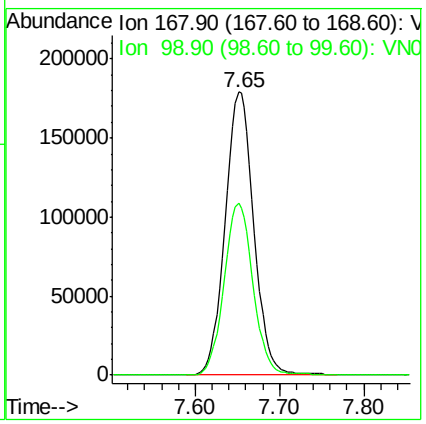




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

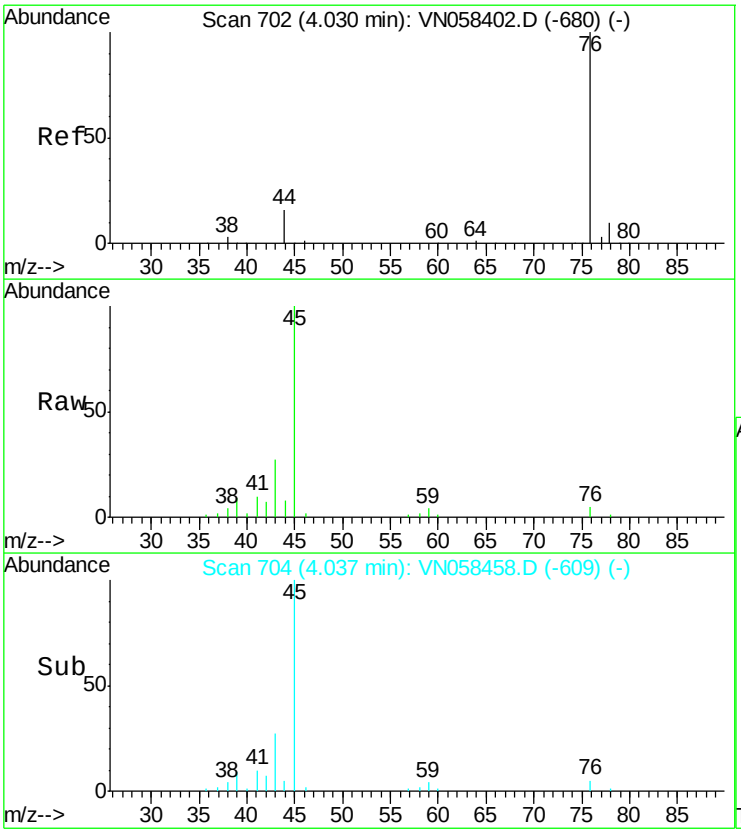
Tgt Ion:168 Resp: 423473

Ion	Ratio	Lower	Upper
168	100		
99	60.6	47.7	71.5



Instrument :
MSVOA_N
ClientSampleId :
MW-4

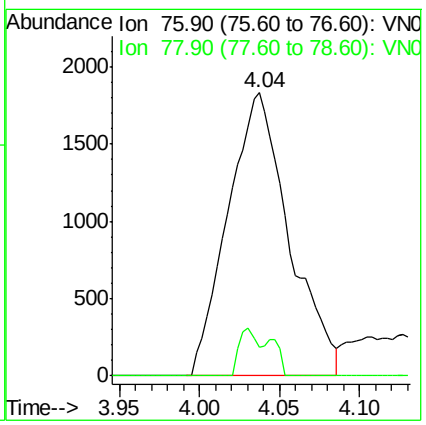
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

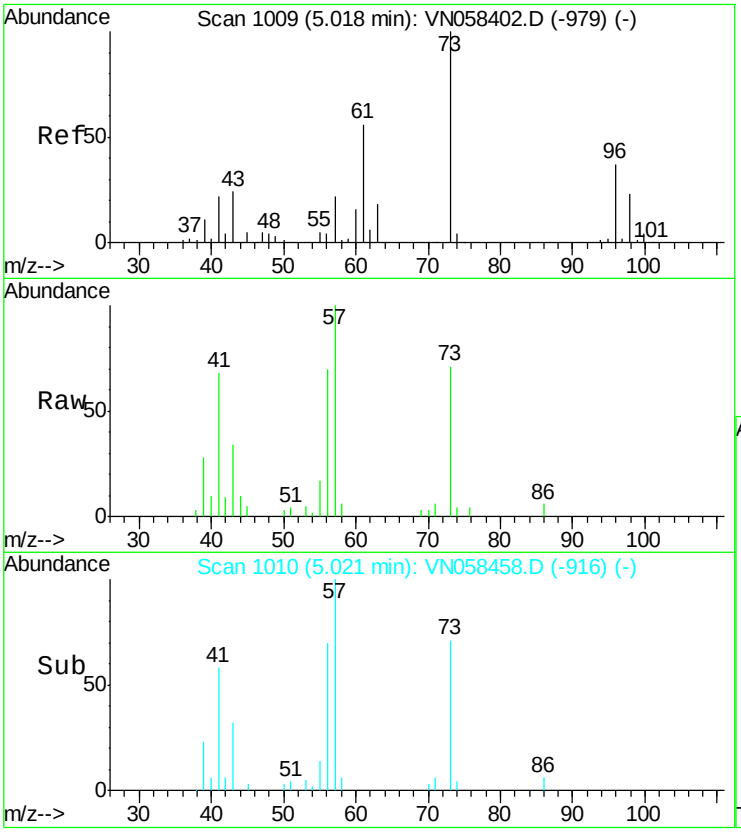


#17
Carbon Disulfide
Concen: 0.456 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion: 76 Resp: 4807

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.7	11.5

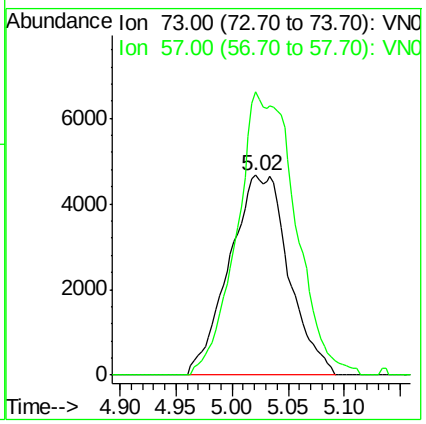




#19
Methyl tert-butyl Ether
Concen: 1.215 ug/l m
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

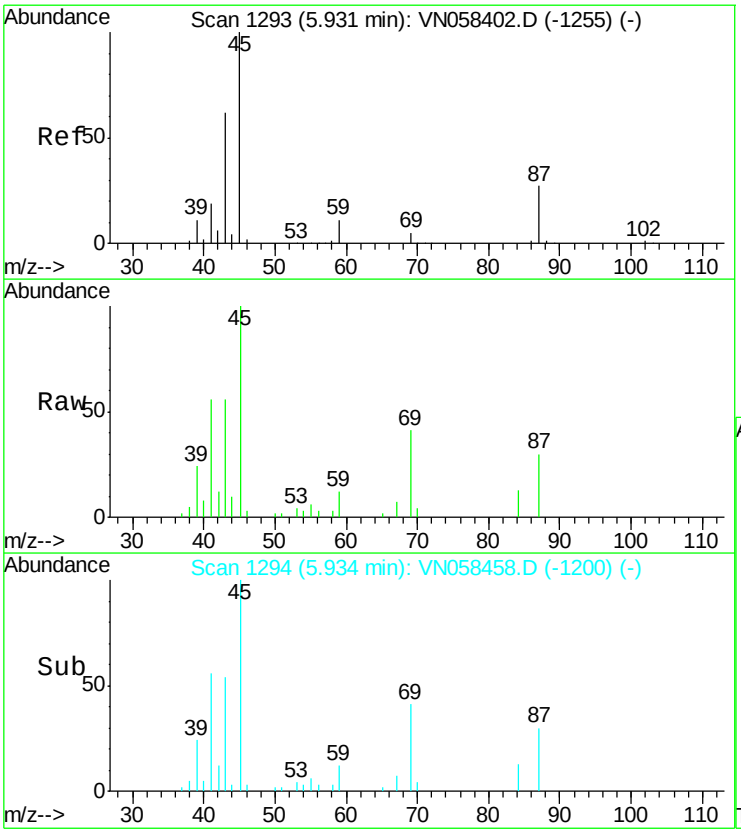
Tgt Ion: 73 Resp: 17130

Ion	Ratio	Lower	Upper
73	100		
57	141.7	17.6	26.4#



Instrument :
MSVOA_N
ClientSampleId :
MW-4

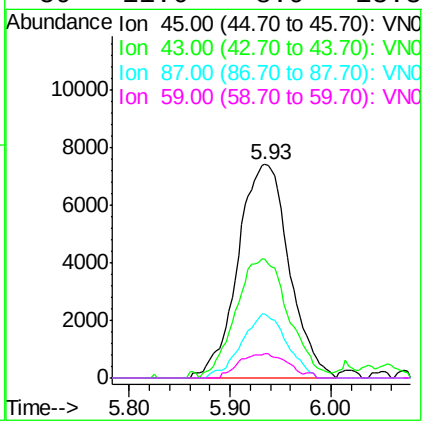
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

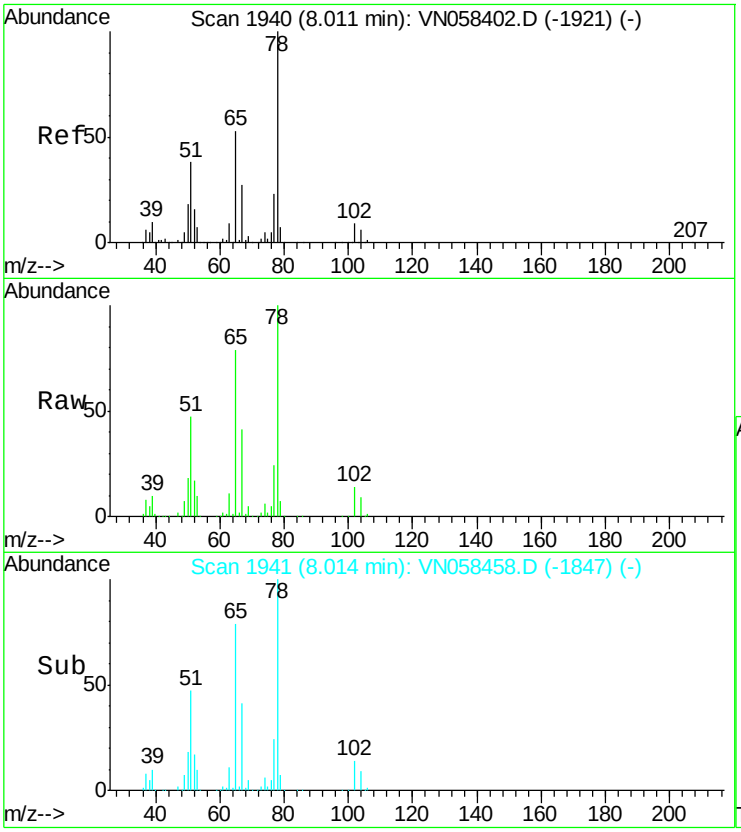


#22
Diisopropyl ether
Concen: 1.672 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion: 45 Resp: 26153

Ion	Ratio	Lower	Upper
45	100		
43	55.6	49.7	74.5
87	29.9	21.5	32.3
59	11.6	8.9	13.3

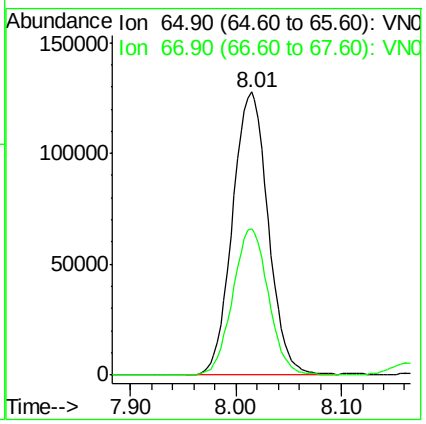




#33
1,2-Dichloroethane-d4
Concen: 48.561 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

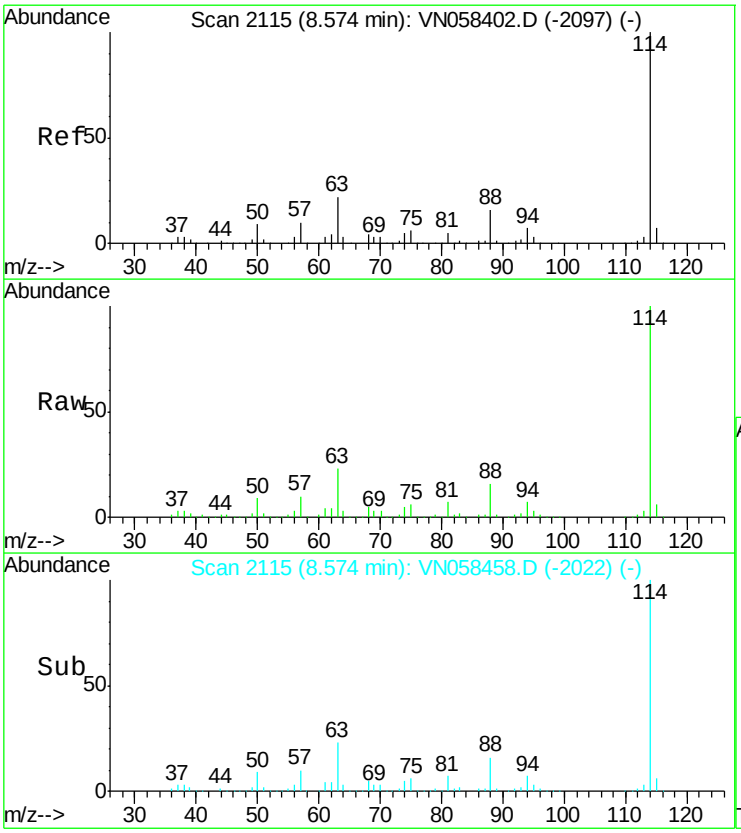
Tgt Ion: 65 Resp: 300514

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.4



Instrument :
MSVOA_N
ClientSampleId :
MW-4

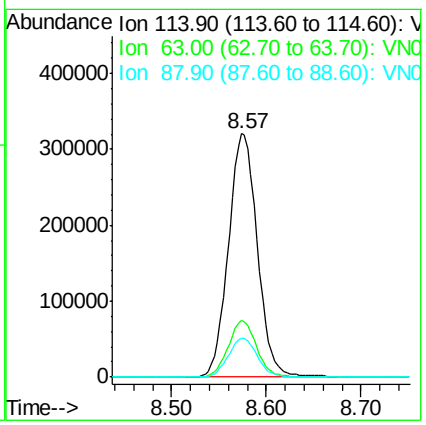
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

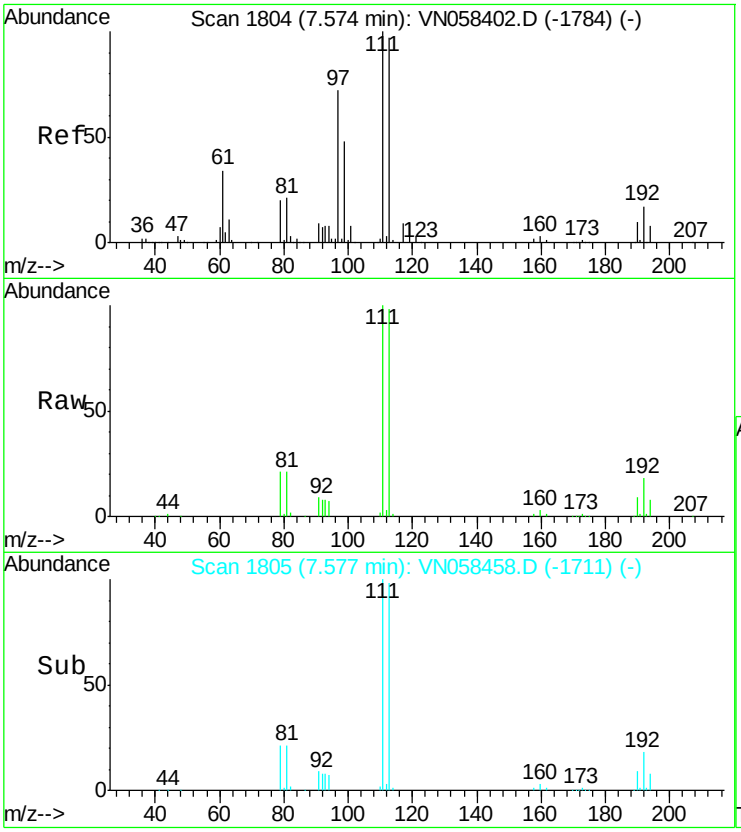


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion:114 Resp: 680130

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.0
88	16.0	0.0	32.2

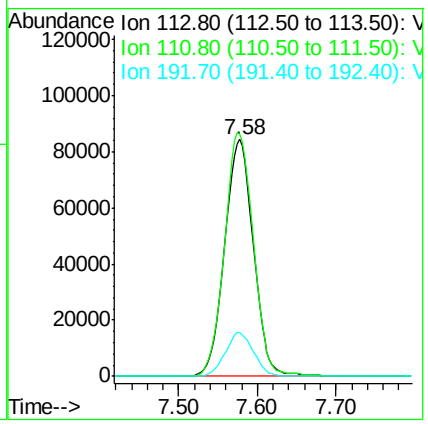




#35
Dibromofluoromethane
Concen: 51.219 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

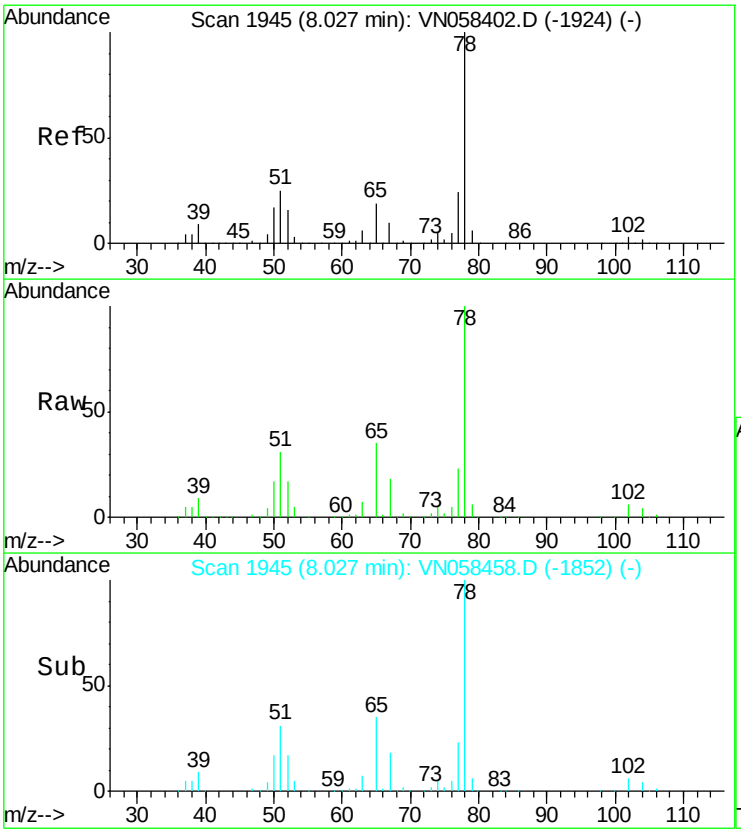
Tgt Ion:113 Resp: 213503

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	18.1	14.9	22.3



Instrument :
MSVOA_N
ClientSampleId :
MW-4

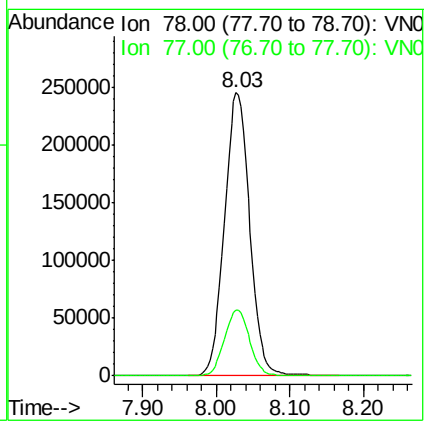
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

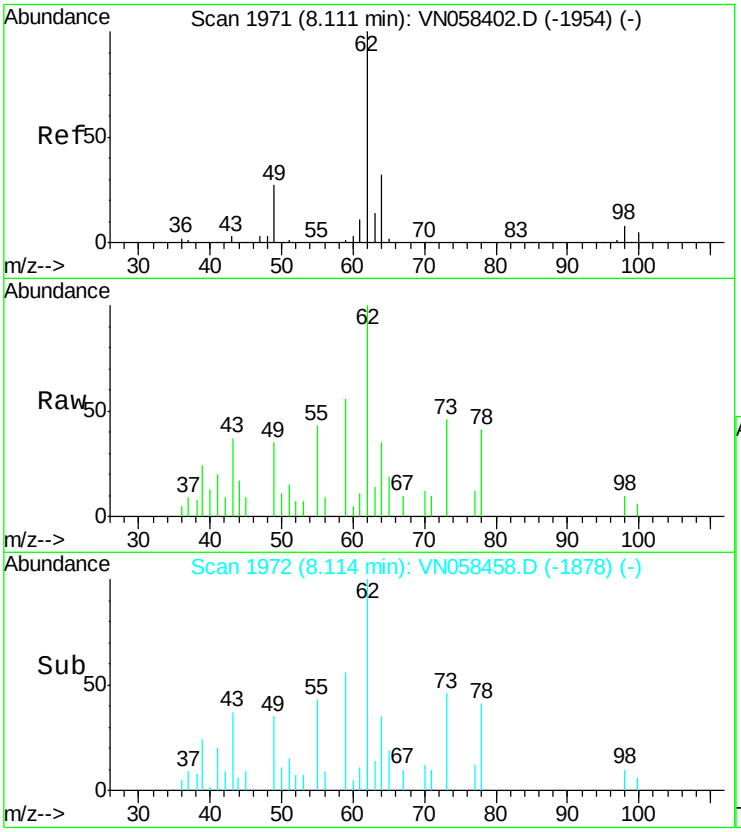


#40
Benzene
Concen: 31.348 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion: 78 Resp: 586018

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3

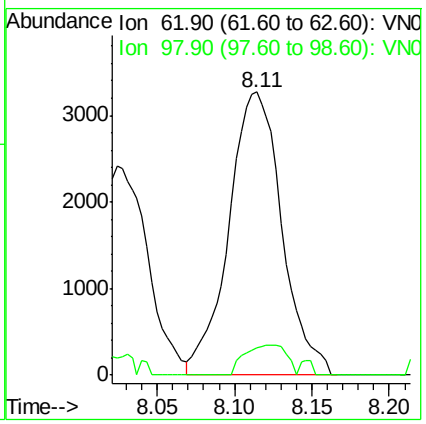




#42
1,2-Dichloroethane
Concen: 1.072 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

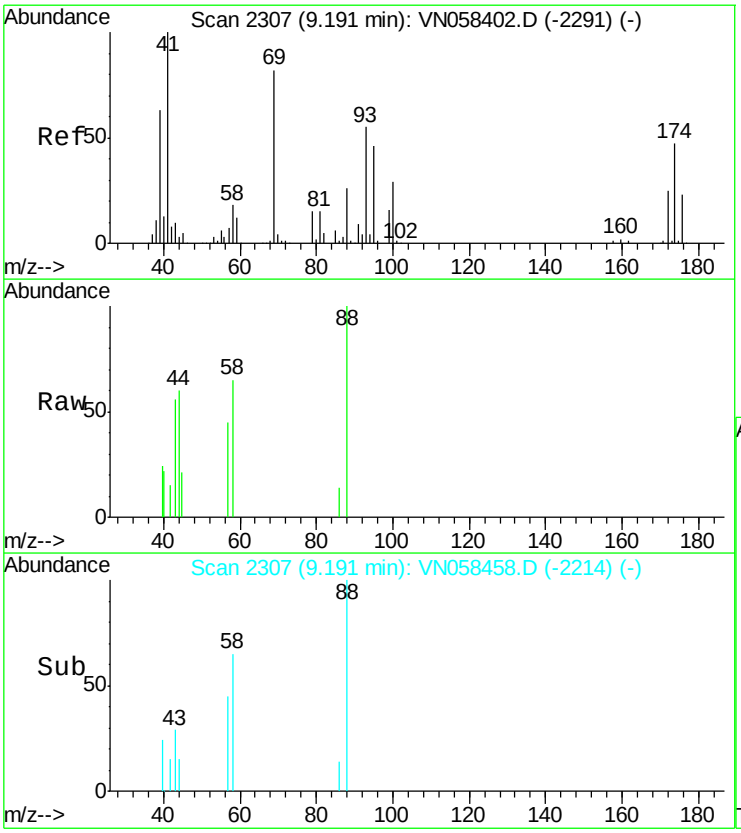
Tgt Ion: 62 Resp: 7794

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.6



Instrument :
MSVOA_N
ClientSampleId :
MW-4

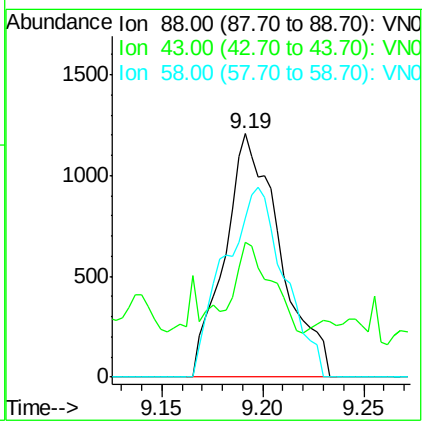
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

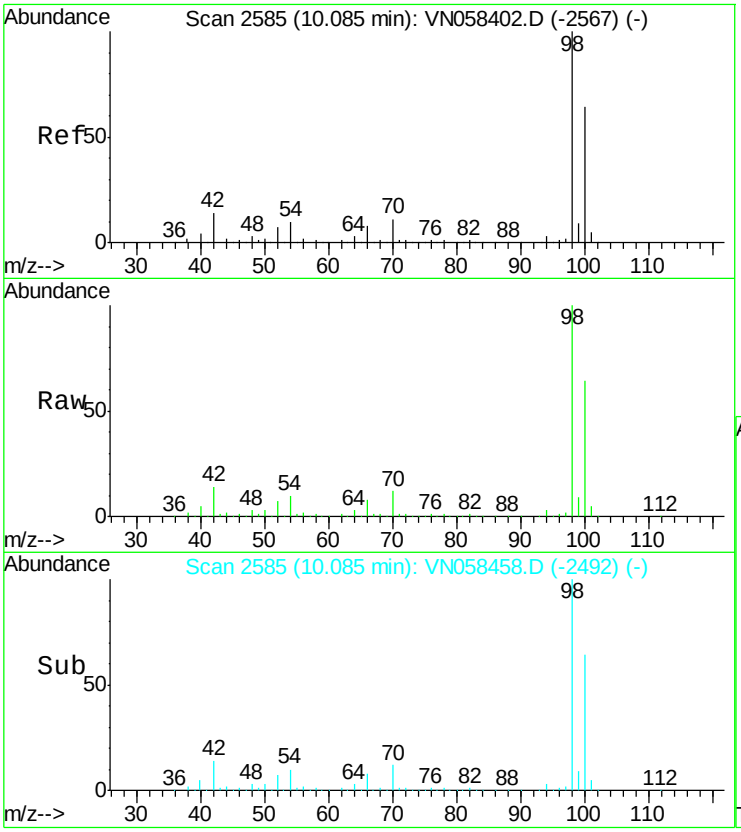


#49
1,4-Dioxane
Concen: 36.782 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion: 88 Resp: 2322

Ion	Ratio	Lower	Upper
88	100		
43	26.1	31.1	46.7#
58	83.9	58.1	87.1

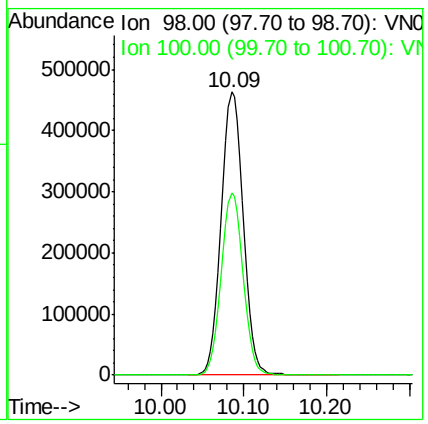




#50
Toluene-d8
Concen: 52.381 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

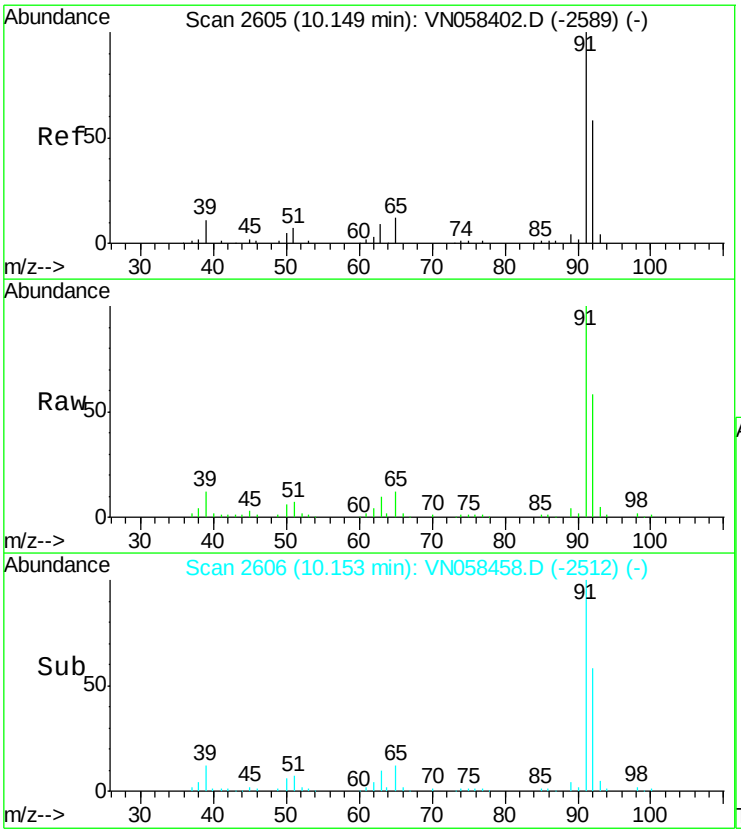
Tgt Ion: 98 Resp: 855352

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.0	76.6



Instrument :
MSVOA_N
ClientSampleId :
MW-4

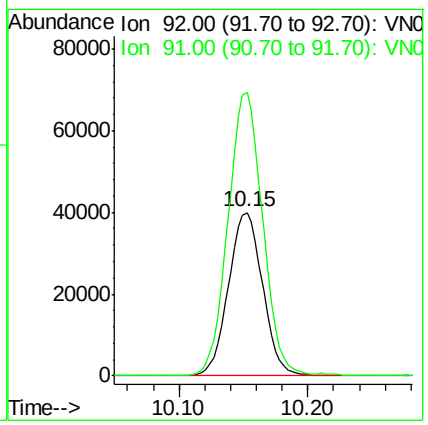
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

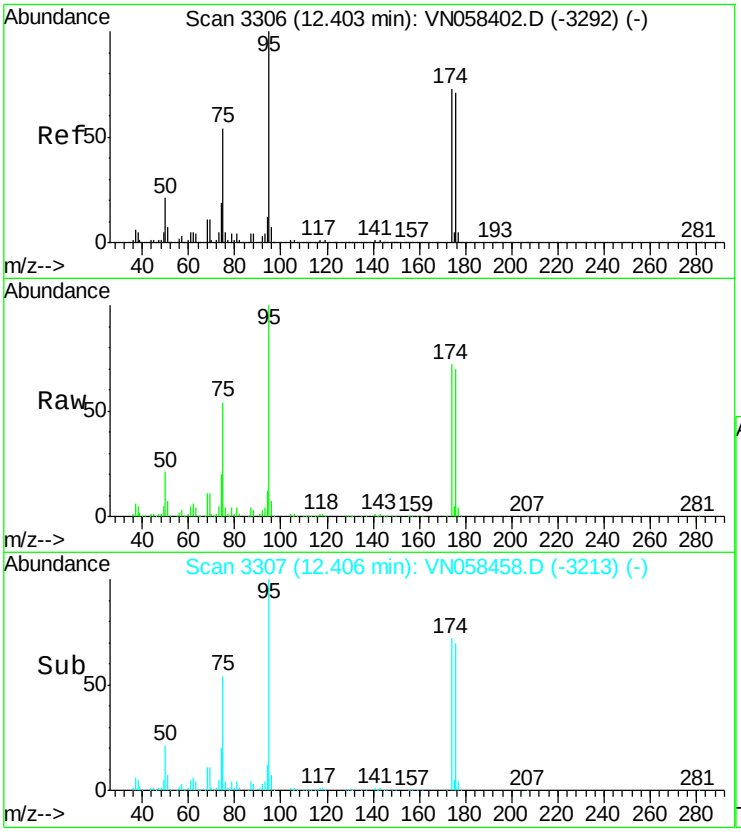


#52
Toluene
Concen: 6.272 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion: 92 Resp: 73803

Ion	Ratio	Lower	Upper
92	100		
91	175.2	140.2	210.4

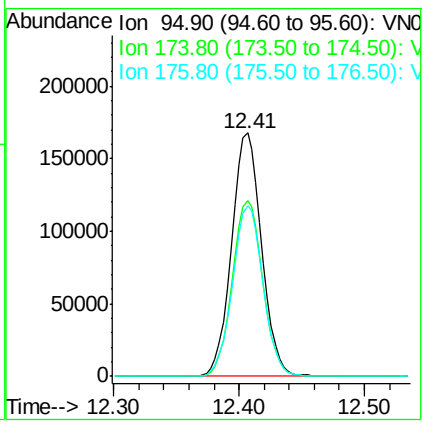




#62
4-Bromofluorobenzene
Concen: 46.977 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

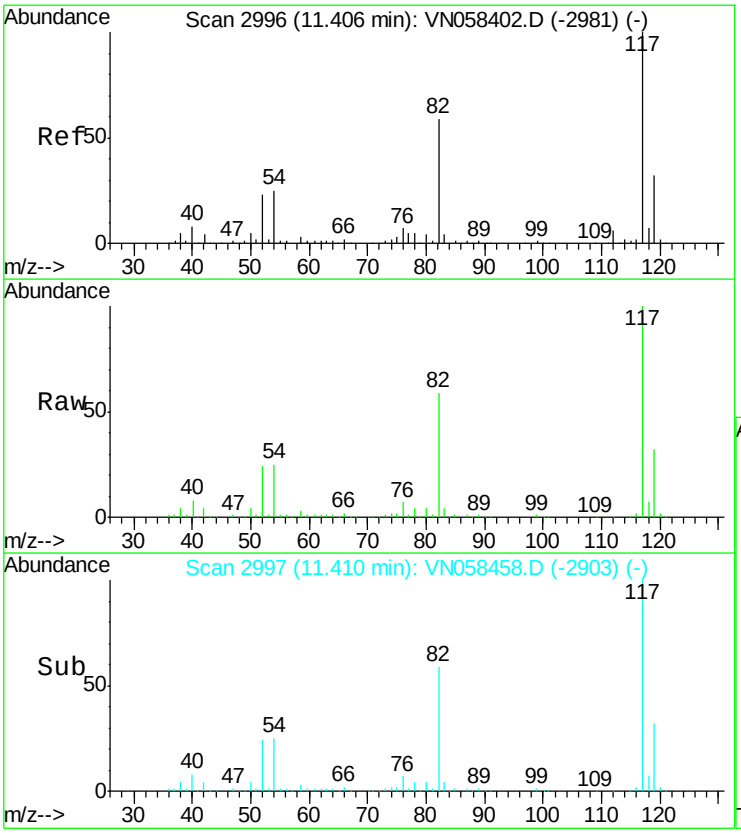
Tgt Ion: 95 Resp: 277374

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	150.6
176	71.6	0.0	146.2



Instrument :
MSVOA_N
ClientSampleId :
MW-4

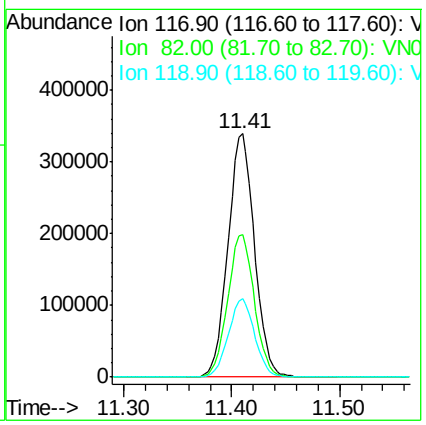
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

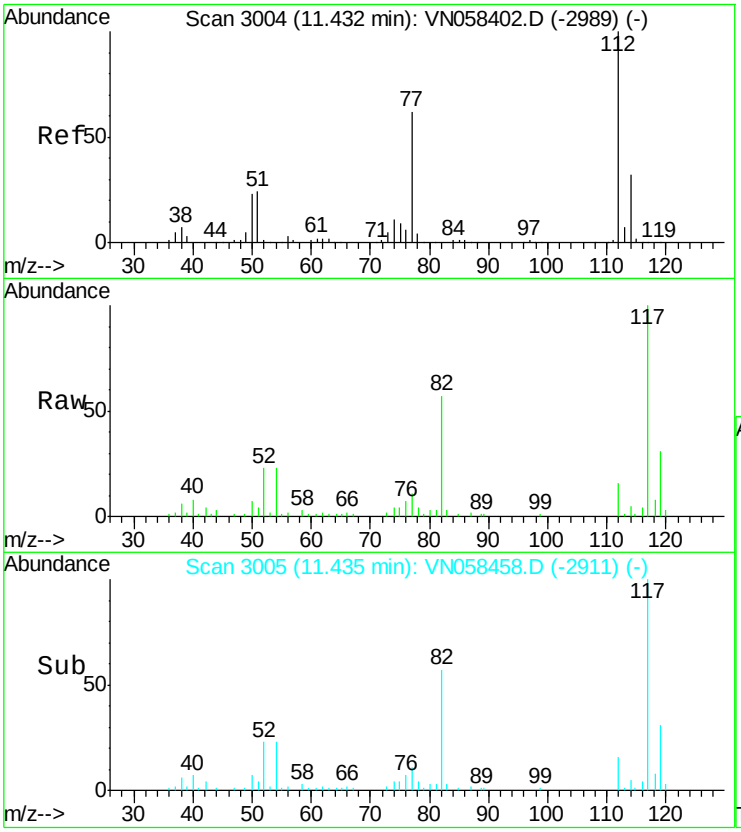


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion:117 Resp: 581317

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.0
119	32.3	25.5	38.3





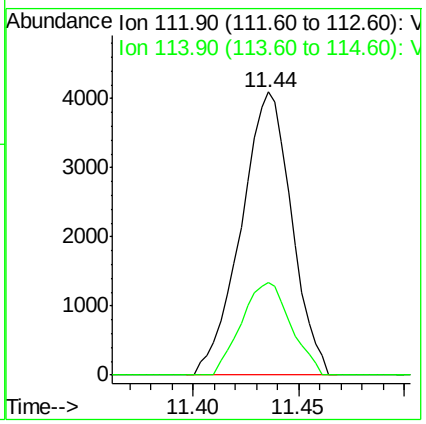
#65
Chlorobenzene
Concen: 0.591 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

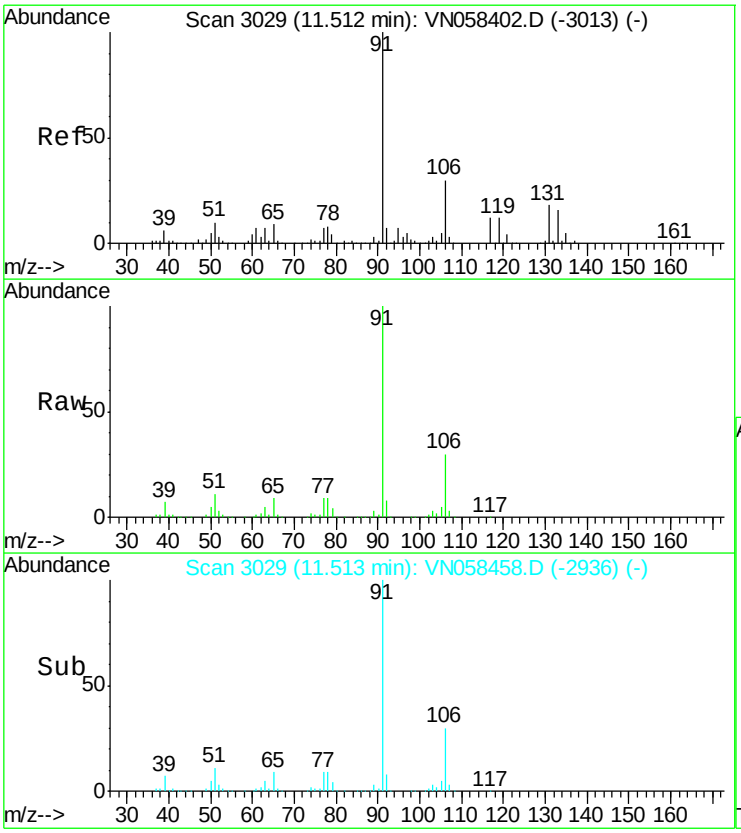
Tgt Ion:112 Resp: 6831

Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

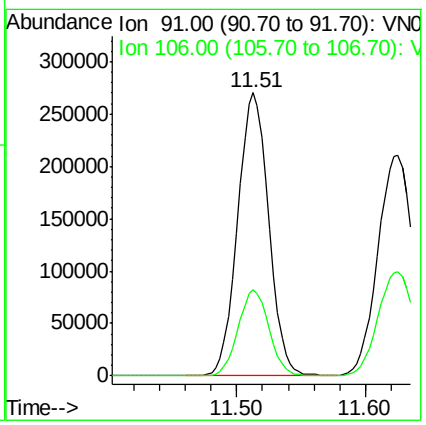


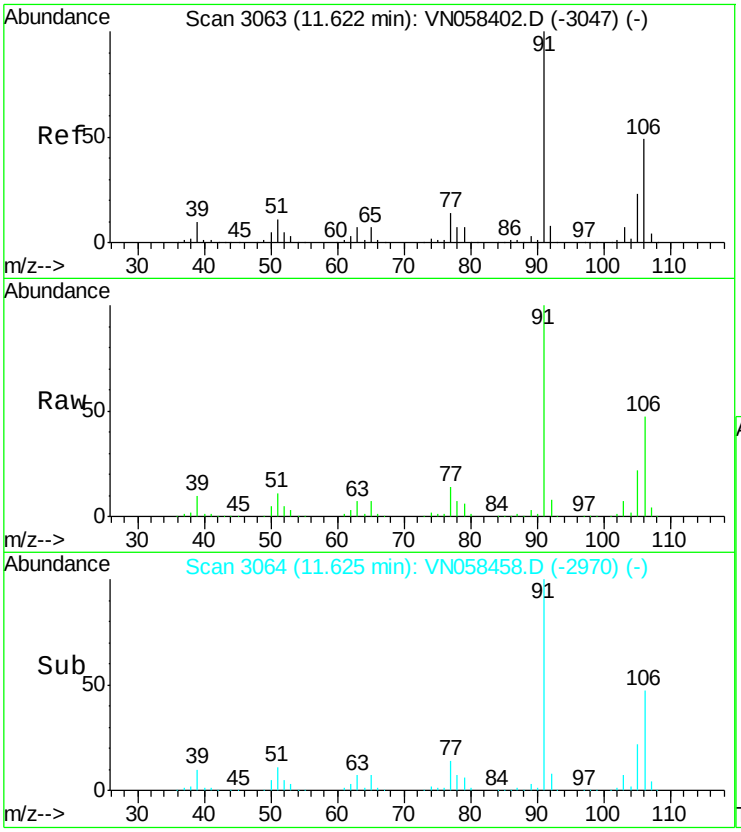


#67
Ethyl Benzene
Concen: 21.594 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion: 91 Resp: 451967

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5





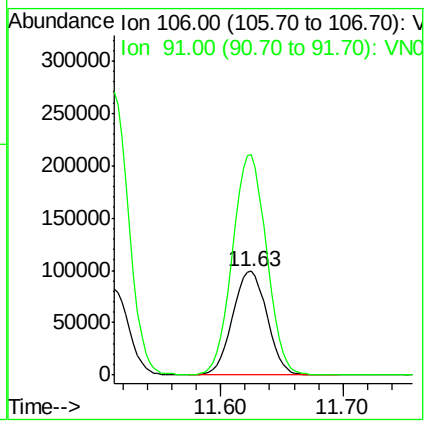
#68
m/p-Xylenes
Concen: 24.706 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

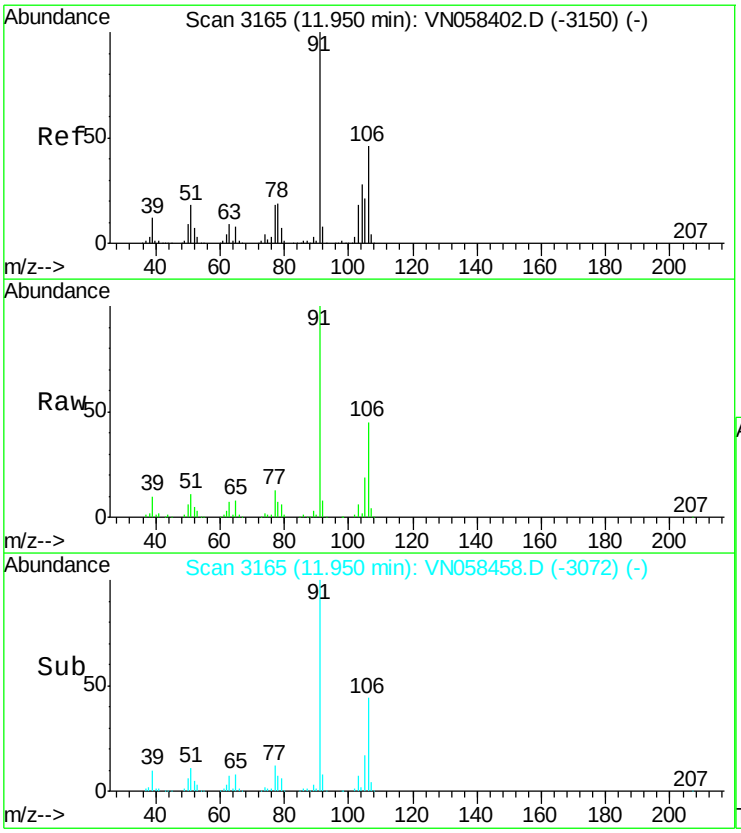
Tgt Ion:106 Resp: 194555

Ion	Ratio	Lower	Upper
106	100		
91	209.8	165.0	247.4

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

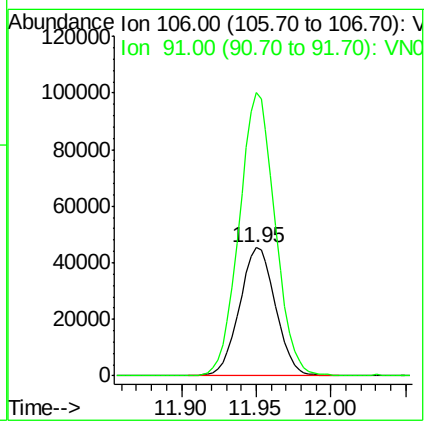


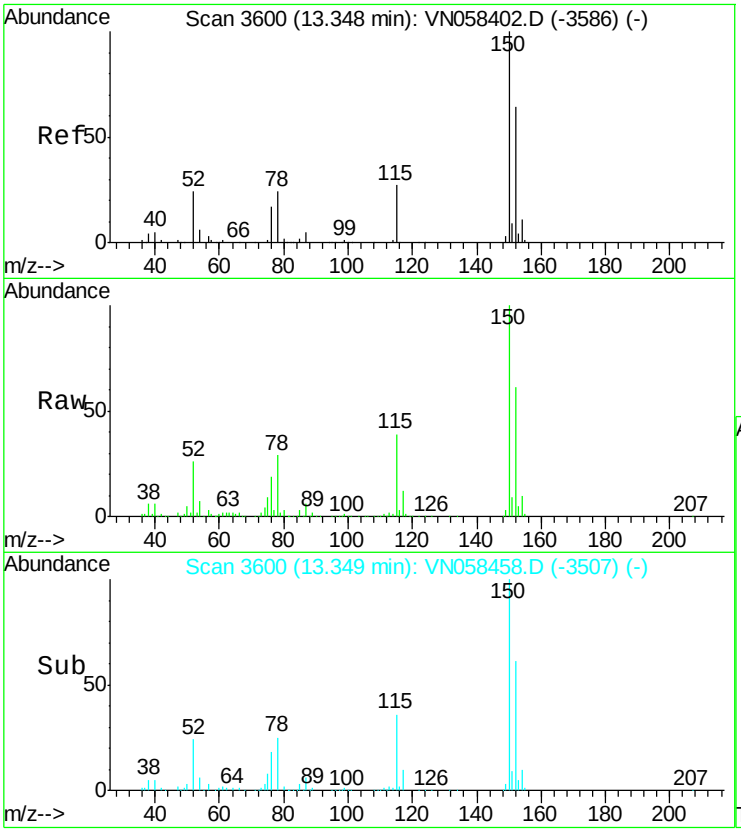


#69
o-Xylene
Concen: 10.044 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion:106 Resp: 76139

Ion	Ratio	Lower	Upper
106	100		
91	219.9	109.1	327.4

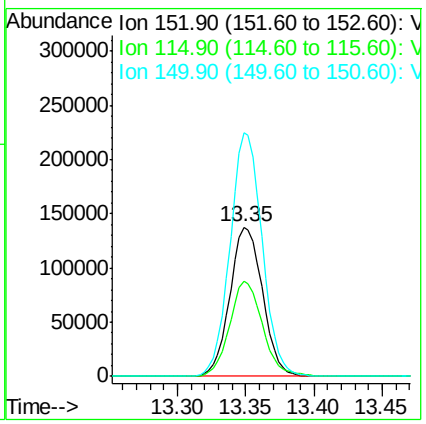




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

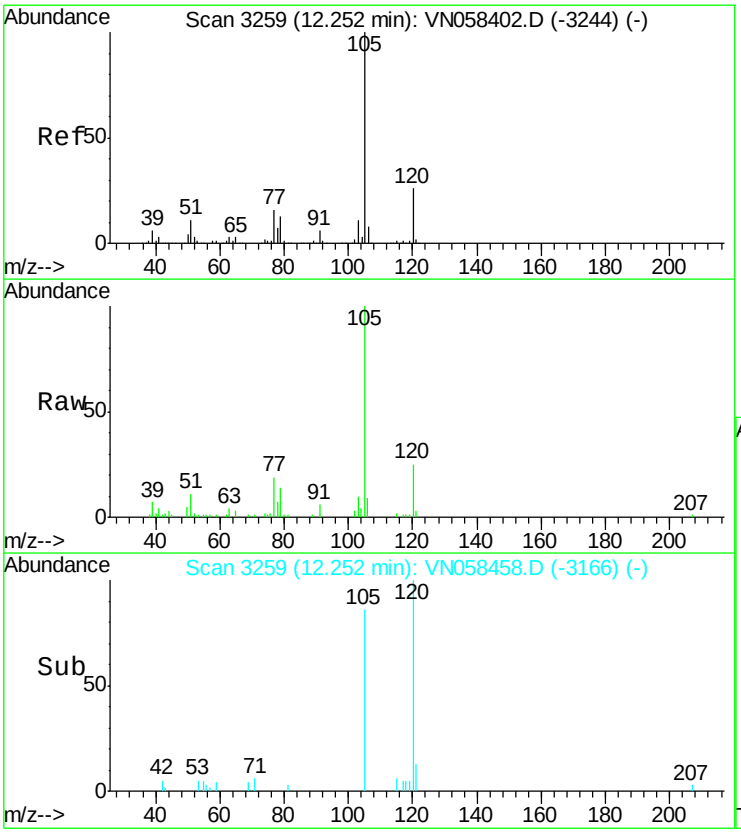
Tgt Ion:152 Resp: 229441

Ion	Ratio	Lower	Upper
152	100		
115	64.5	30.0	90.0
150	160.5	0.0	348.2



Instrument :
MSVOA_N
ClientSampleId :
MW-4

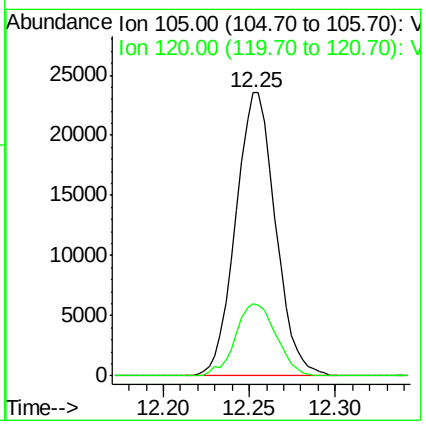
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

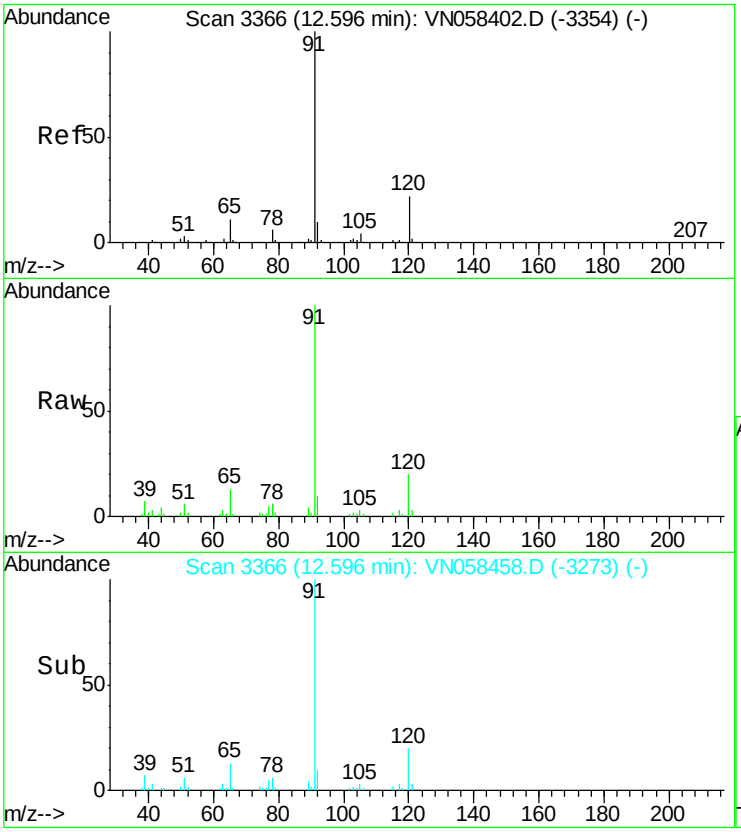


#73
Isopropylbenzene
Concen: 2.241 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion:105 Resp: 38006

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

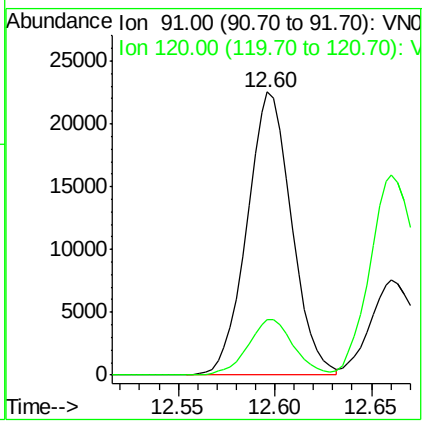




#78
n-propylbenzene
Concen: 1.895 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

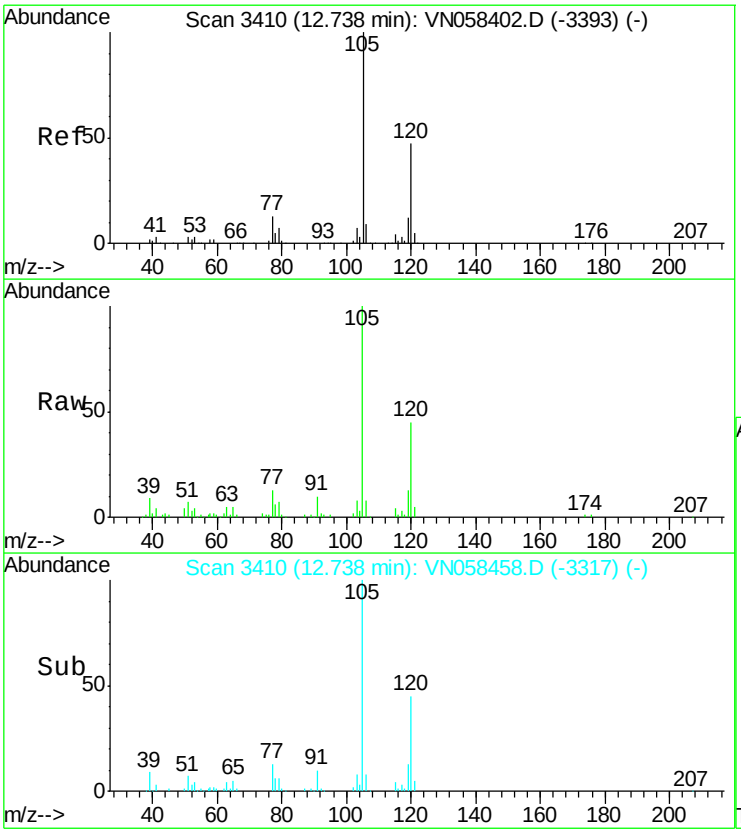
Tgt Ion: 91 Resp: 36198

Ion	Ratio	Lower	Upper
91	100		
120	20.2	10.9	32.9



Instrument :
MSVOA_N
ClientSampleId :
MW-4

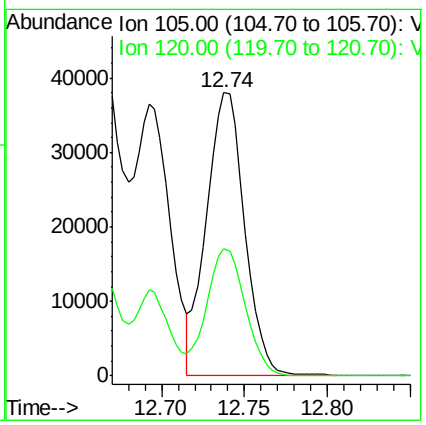
Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM

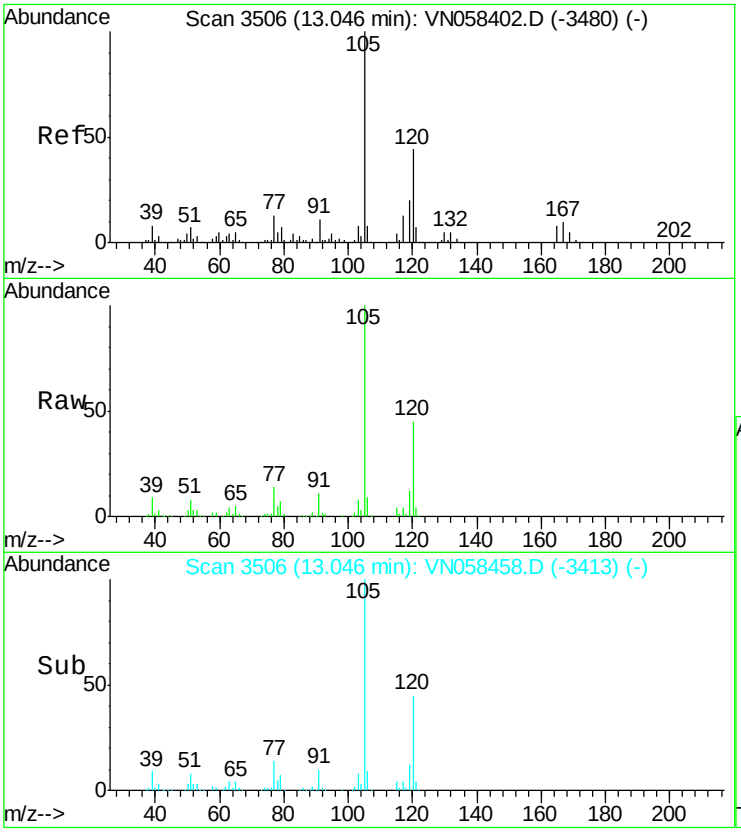


#80
1,3,5-Trimethylbenzene
Concen: 4.294 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion:105 Resp: 60954

Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.5	70.6





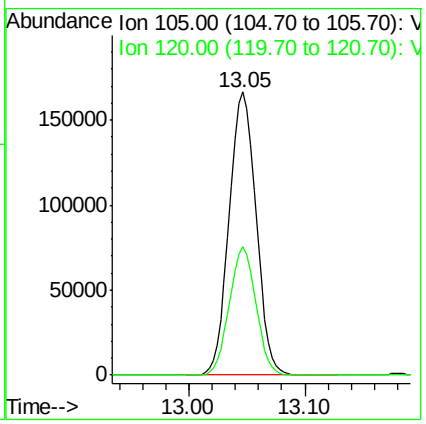
#84
1,2,4-Trimethylbenzene
Concen: 18.842 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

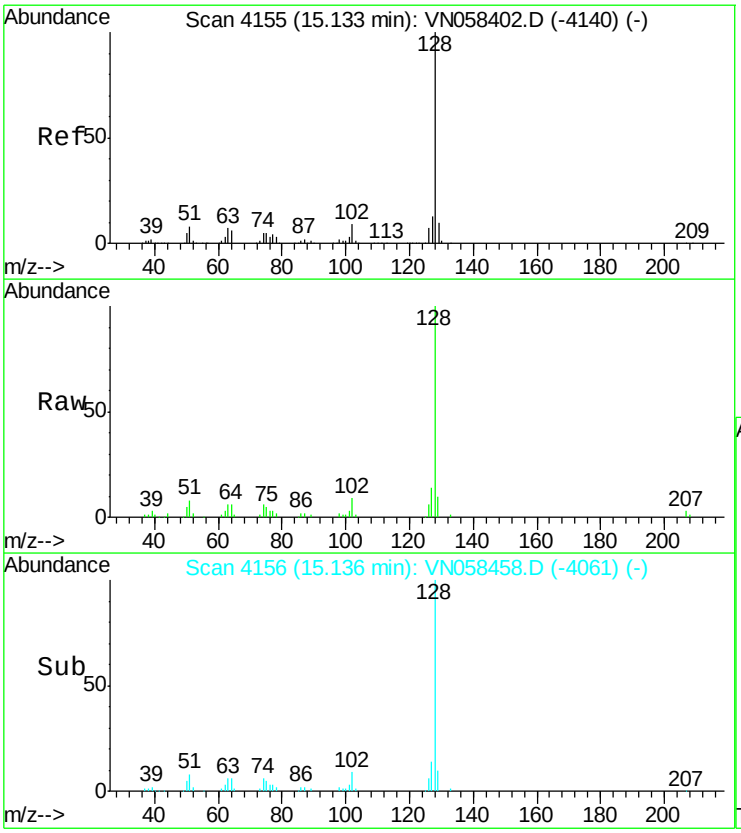
Tgt Ion:105 Resp: 267950

Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.7	65.1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Manual Integrations APPROVED
MMDadoda
10/3/2019 12:20:21 PM





#95
Naphthalene
Concen: 5.770 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058458.D
Acq: 1 Oct 2019 12:34

Tgt Ion:128 Resp: 64970

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	10.5	8.3	12.5