Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061319\
Data File : VN056293.D
Acq On : 13 Jun 2019 19:53
Operator : JC/SP
Sample : K3345-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

Manual Integrations APPROVED
MMDadoda
6/14/2019 9:36:39 AM

Quant Time: Jun 14 02:27:48 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	7.67	168	341705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	563096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191197	56.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.70%			
35) Dibromofluoromethane	7.59	113	175268	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
50) Toluene-d8	10.09	98	697956	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.00%			
62) 4-Bromofluorobenzene	12.40	95	249396	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.32%			
Target Compounds						Qvalue
31) Cyclohexane	7.65	56	29818	5.539	ug/l #	78
39) Methylcyclohexane	9.08	83	26569	4.405	ug/l	96
52) Toluene	10.16	92	3699	0.404	ug/l	86
67) Ethyl Benzene	11.51	91	22738	1.178	ug/l	100
73) Isopropylbenzene	12.25	105	1182618	81.617	ug/l	99
78) n-propylbenzene	12.59	91	485852	27.722	ug/l	99
85) sec-Butylbenzene	13.17	105	103404	6.662	ug/l	85
86) p-Isopropyltoluene	13.29	119	5771m	0.415	ug/l	
89) n-Butylbenzene	13.61	91	36310	3.529	ug/l #	76
95) Naphthalene	15.13	128	34861	7.099	ug/l #	96

(#) = 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 : VN056293.D
Acq On : 13 Jun 2019 19:53
Operator : JC/SP
Sample : K3345-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 14 02:27:48 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 :
PR-MW-2_061219

Manual Integrations APPROVED
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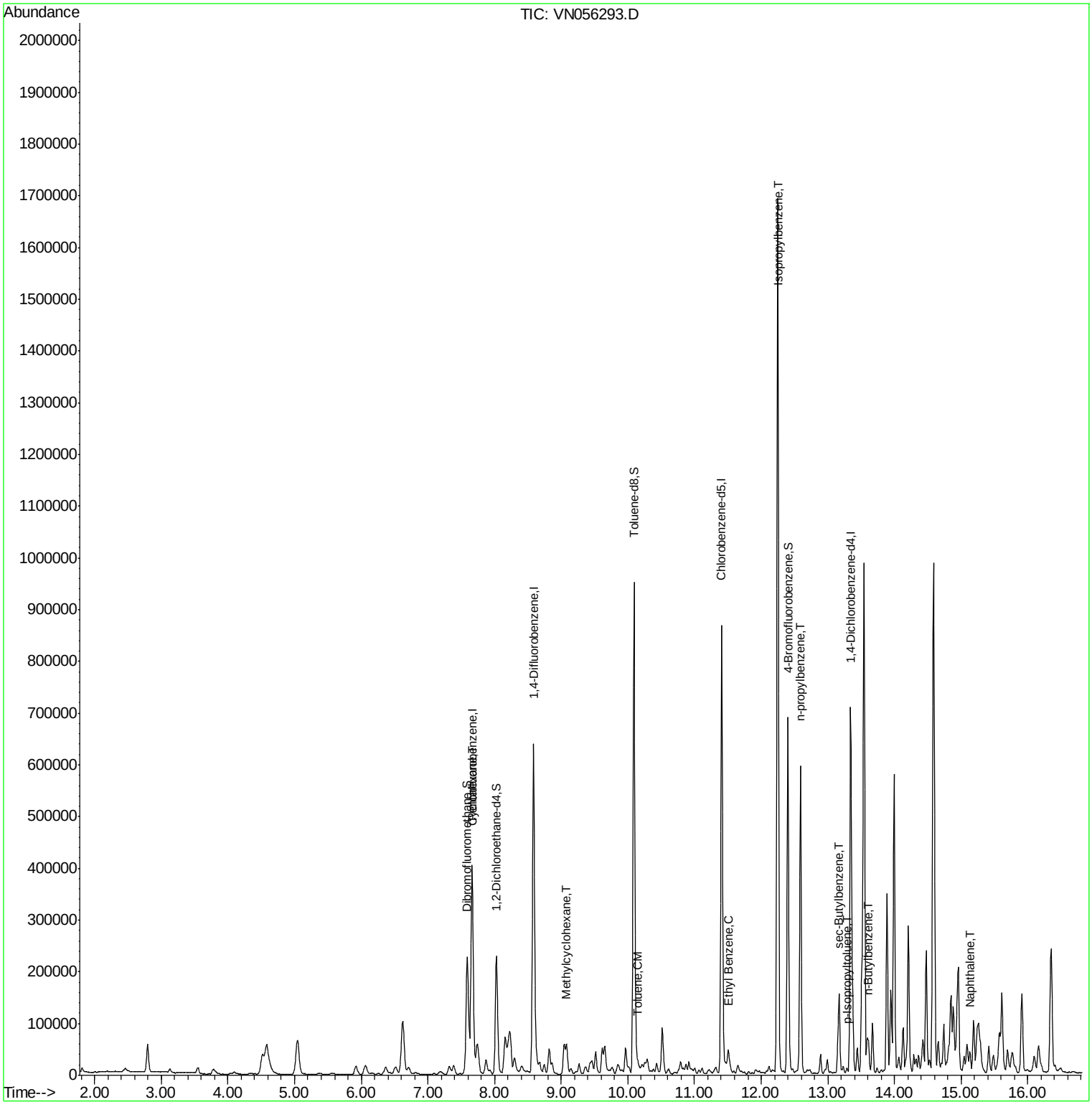
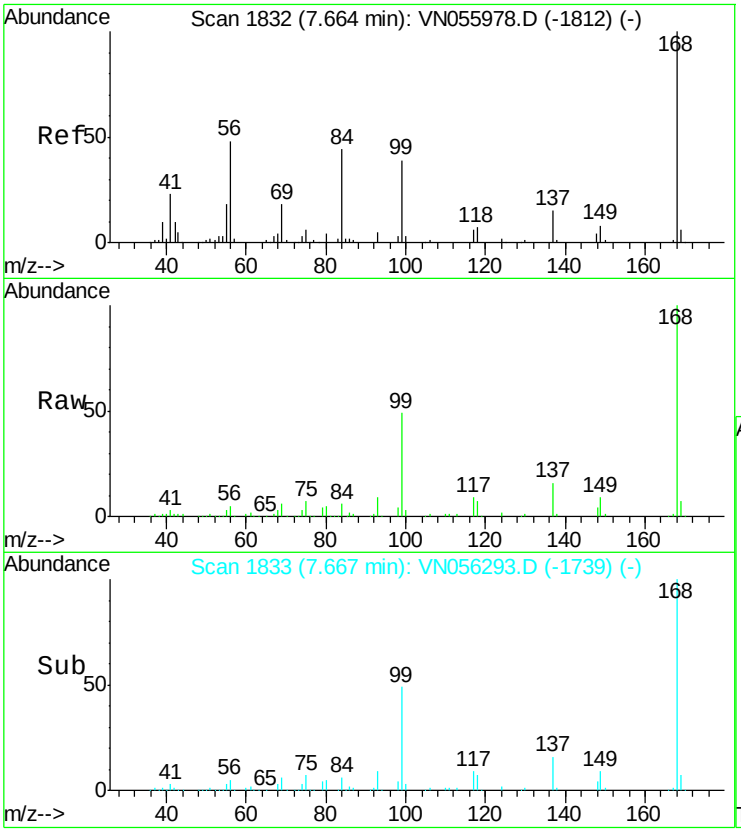
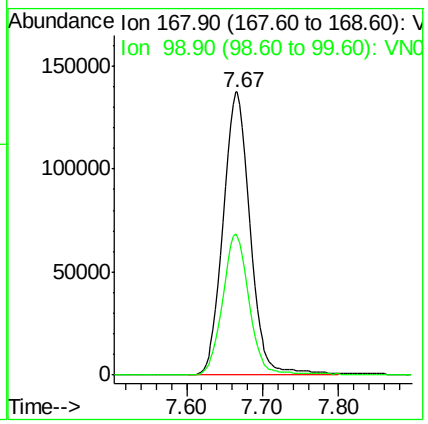




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:168 Resp: 341705

Ion	Ratio	Lower	Upper
168	100		
99	49.2	37.2	55.8



Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

Manual Integrations APPROVED
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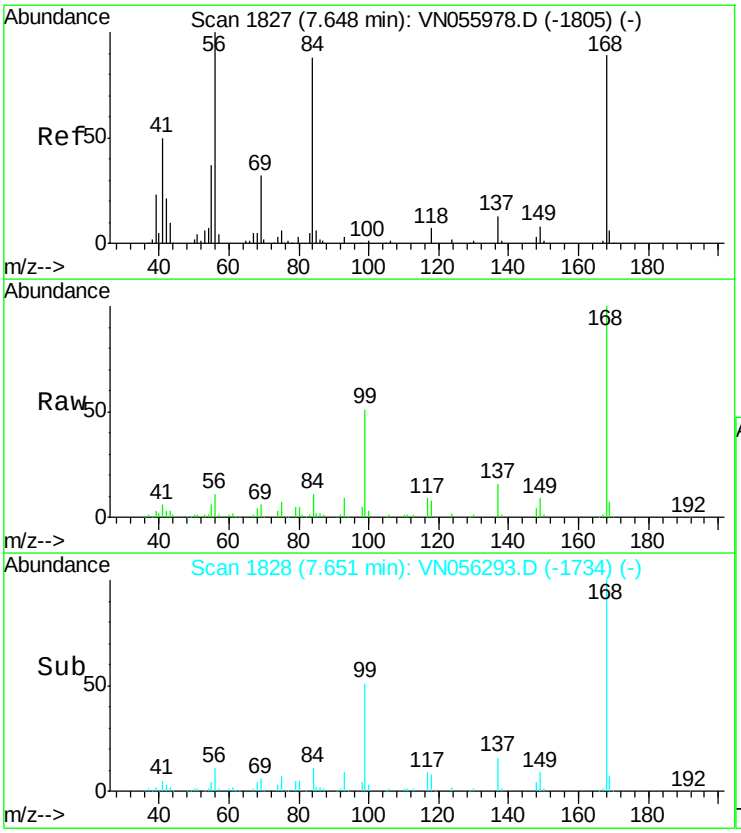
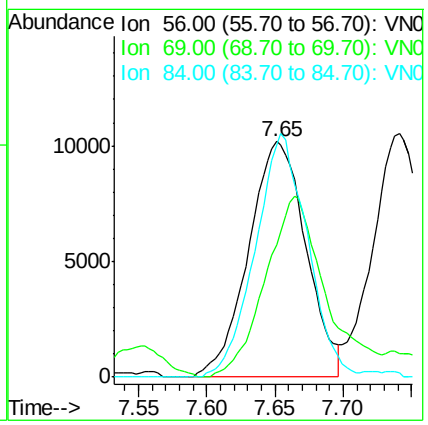
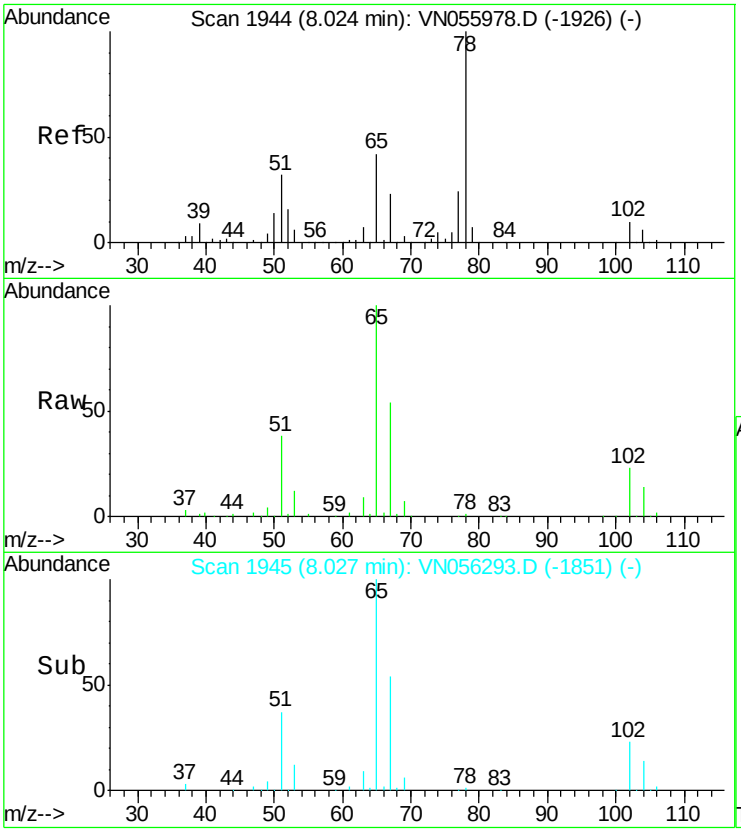


#31
Cyclohexane
Concen: 5.539 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 56 Resp: 29818

Ion	Ratio	Lower	Upper
56	100		
69	54.1	25.6	38.4#
84	98.4	67.4	101.0

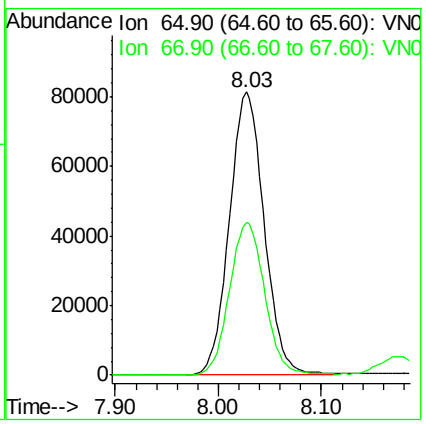




#33
1,2-Dichloroethane-d4
Concen: 56.353 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 65 Resp: 191197

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.2



Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

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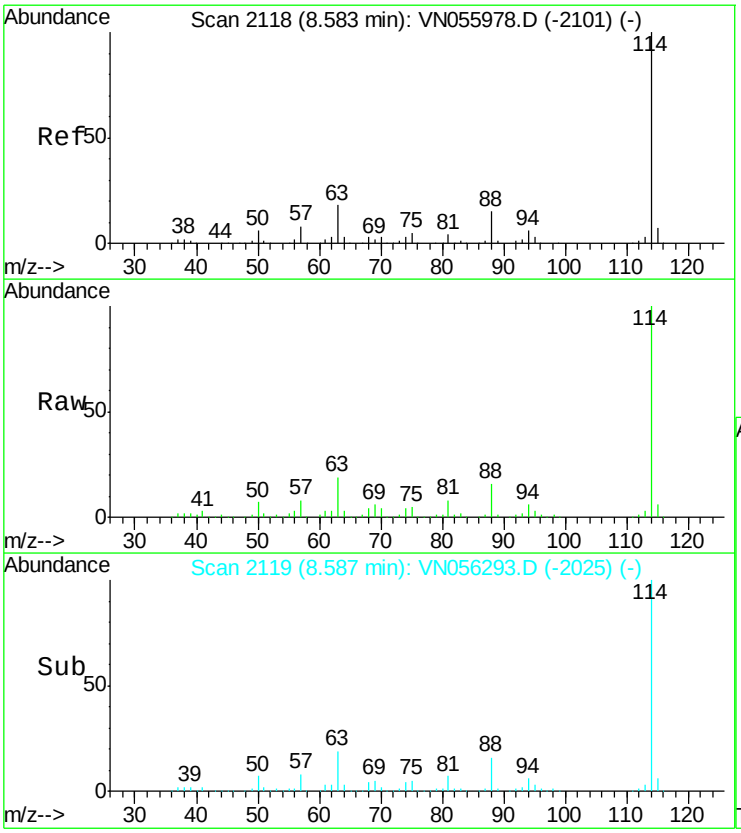
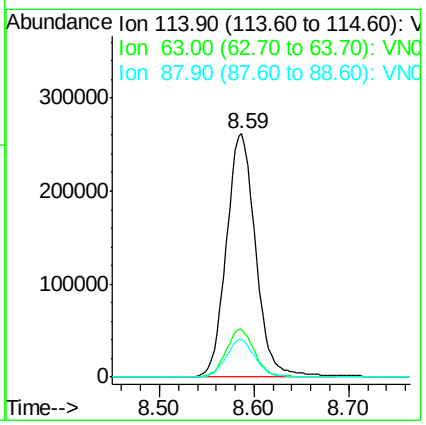
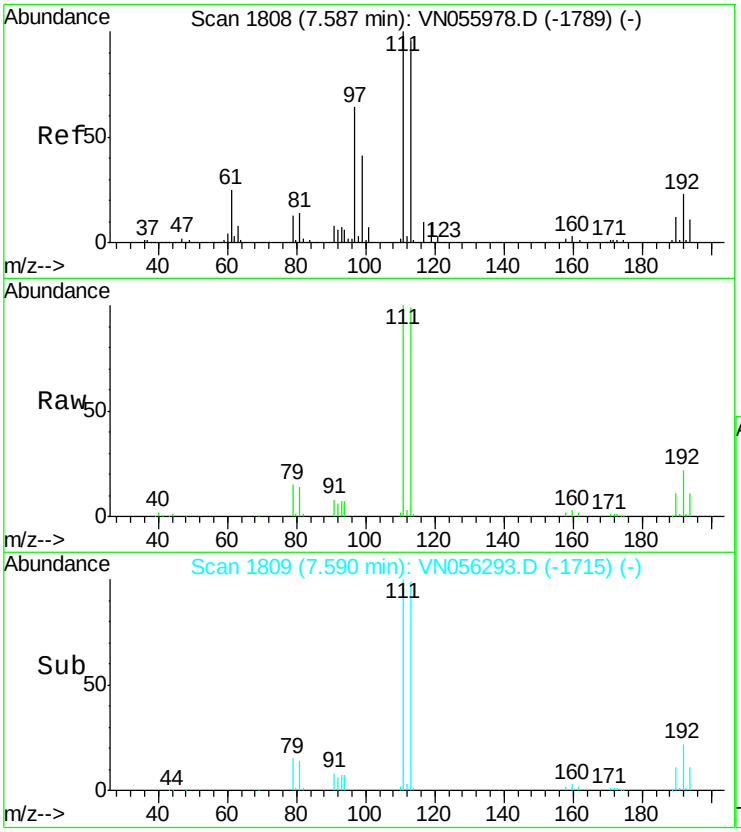


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:114 Resp: 563096

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.6	0.0	31.0

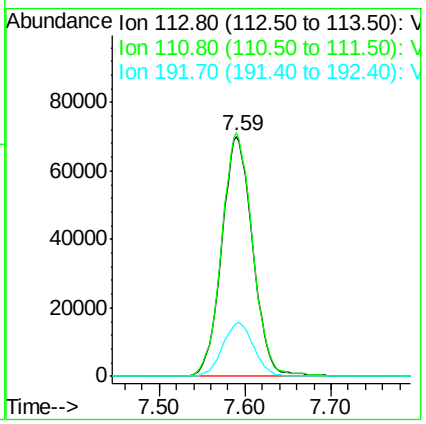




#35
Dibromofluoromethane
Concen: 50.732 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:113 Resp: 175268

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	22.3	19.5	29.3



Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

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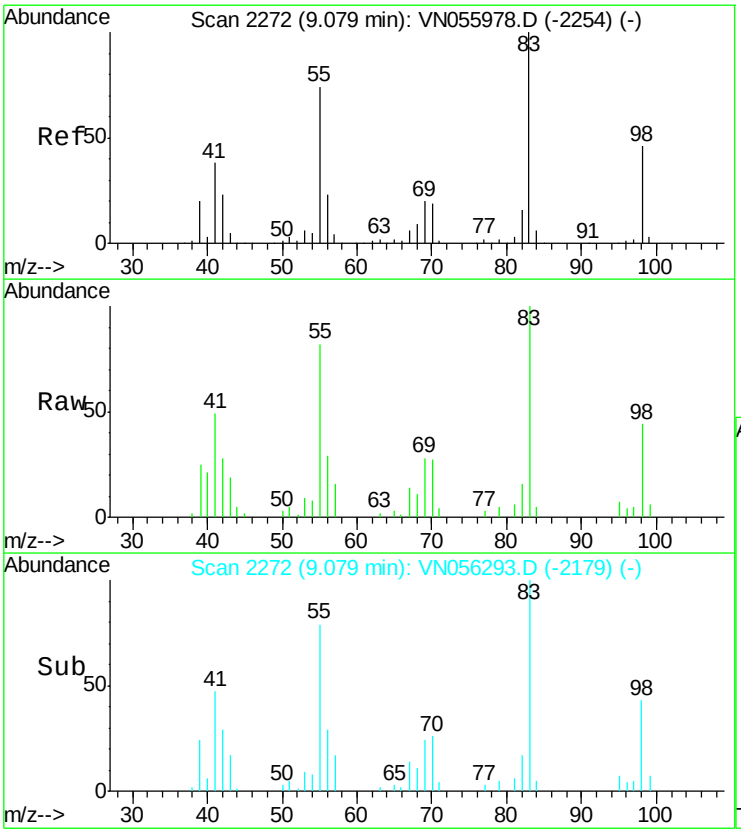
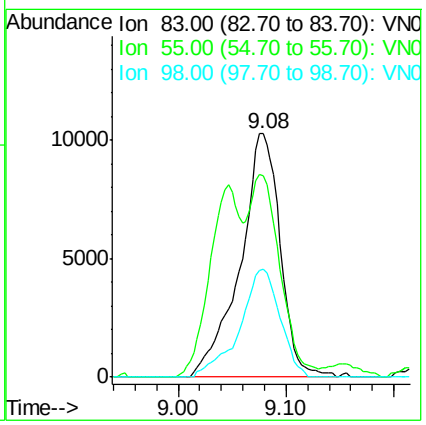
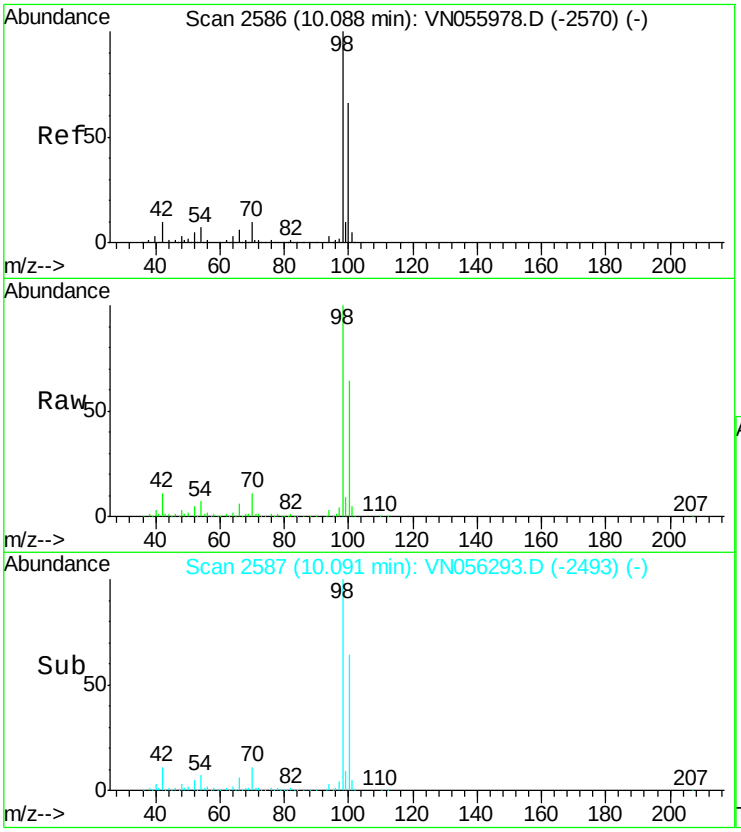


#39
Methylcyclohexane
Concen: 4.405 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 83 Resp: 26569

Ion	Ratio	Lower	Upper
83	100		
55	78.3	59.3	88.9
98	44.2	36.6	54.8





#50
Toluene-d8
Concen: 52.502 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 98 Resp: 697956

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

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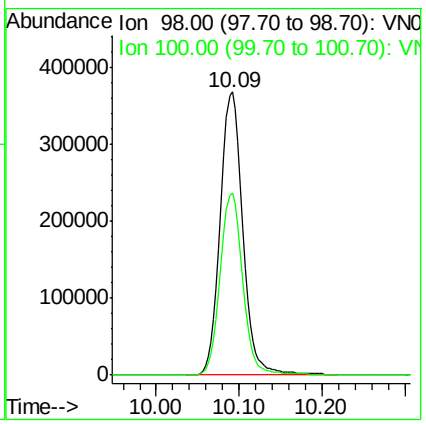
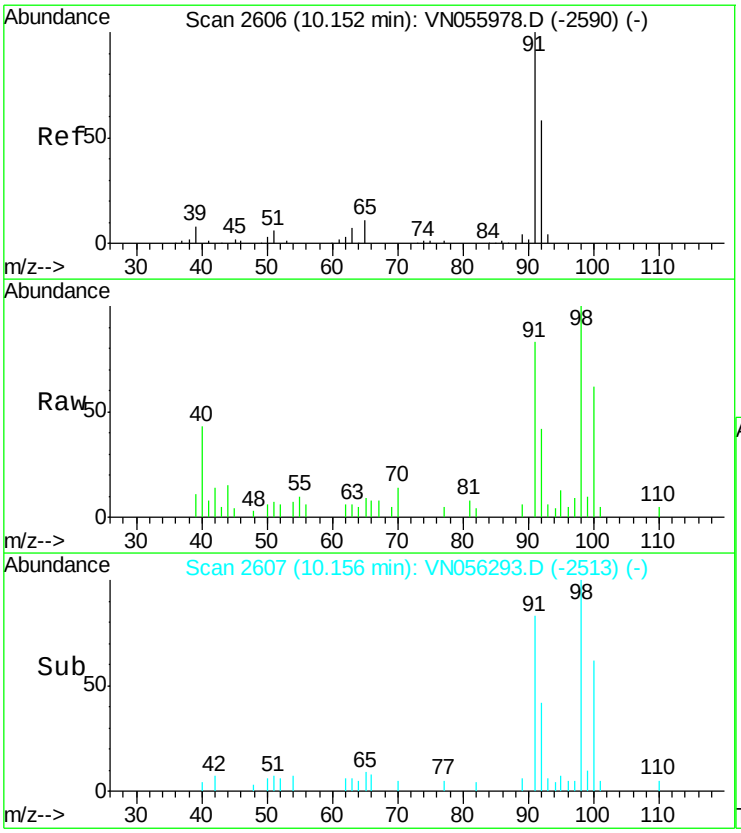
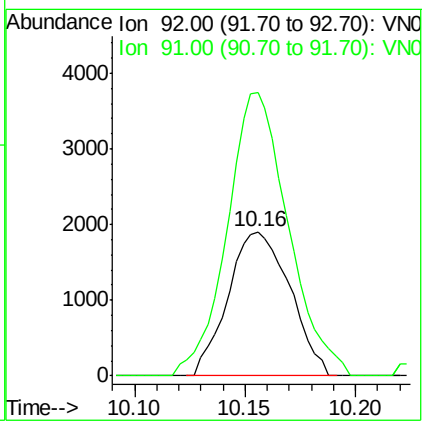


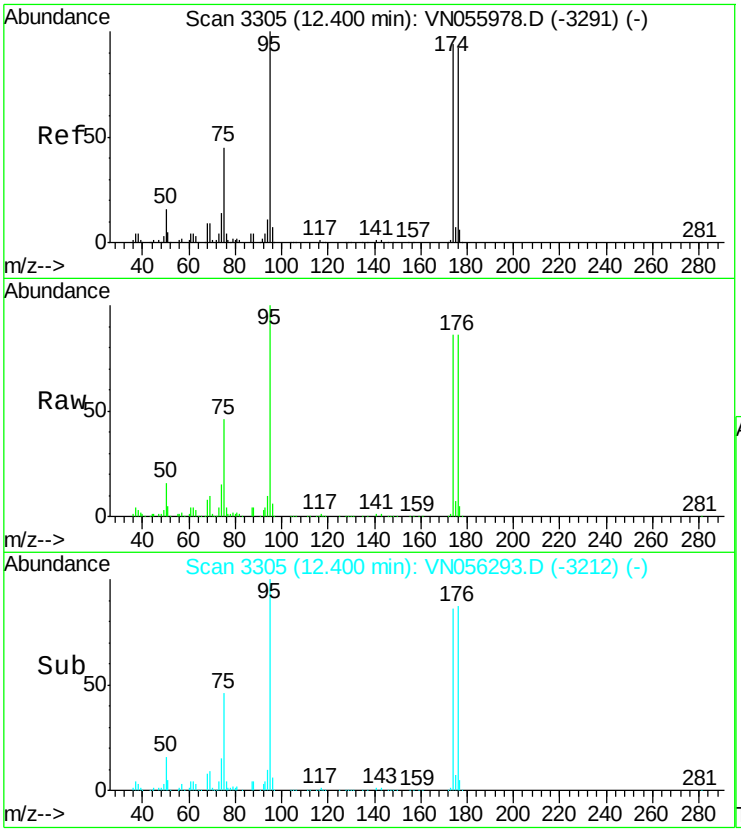


#52
Toluene
Concen: 0.404 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 92 Resp: 3699

Ion	Ratio	Lower	Upper
92	100		
91	194.4	139.4	209.2

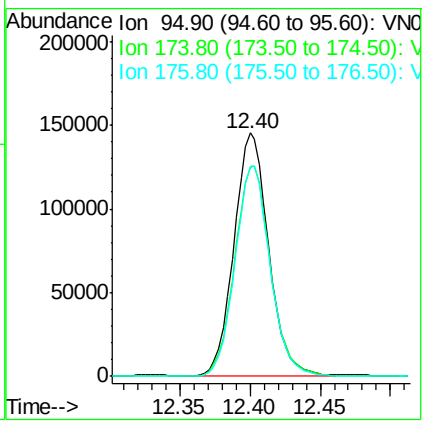




#62
4-Bromofluorobenzene
Concen: 55.164 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 95 Resp: 249396

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	191.0
176	87.6	0.0	185.2



Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

Manual Integrations APPROVED
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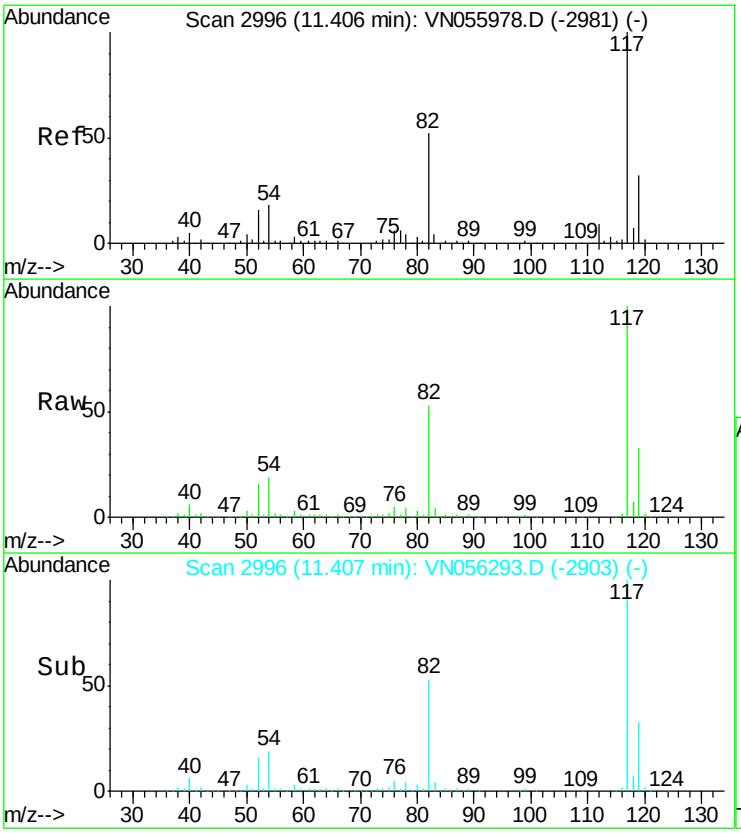
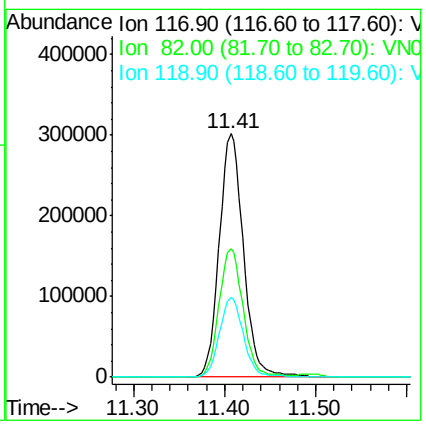
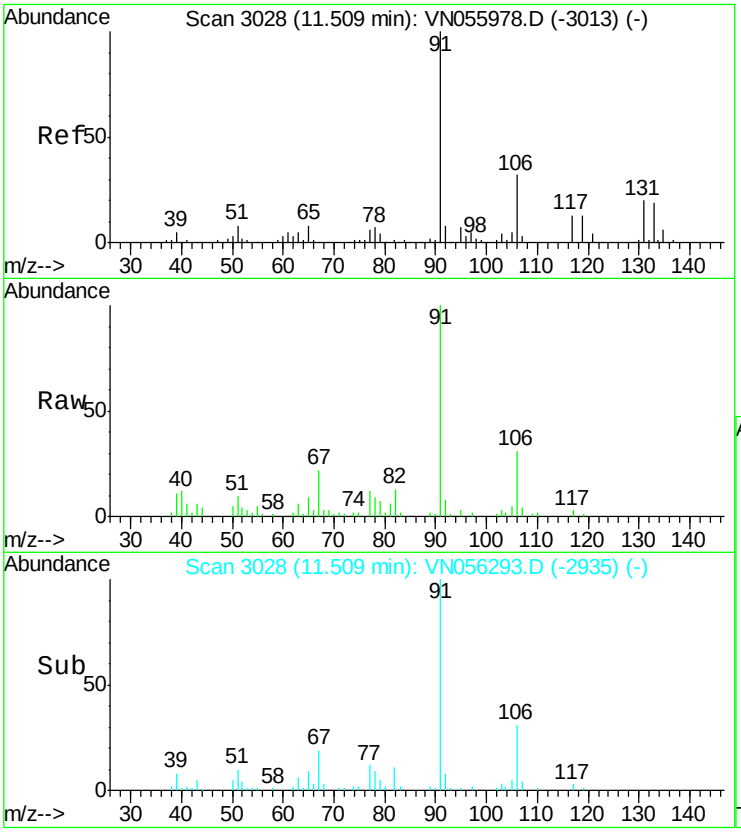


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:117 Resp: 557910

Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.8
119	32.5	25.4	38.0

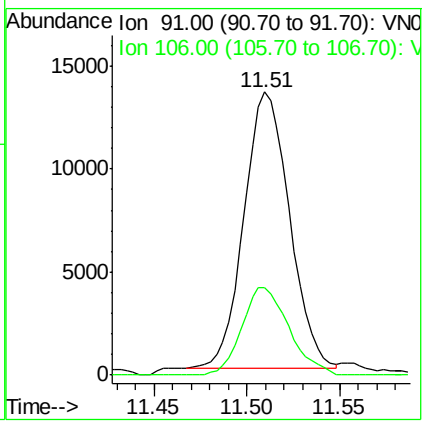




#67
Ethyl Benzene
Concen: 1.178 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

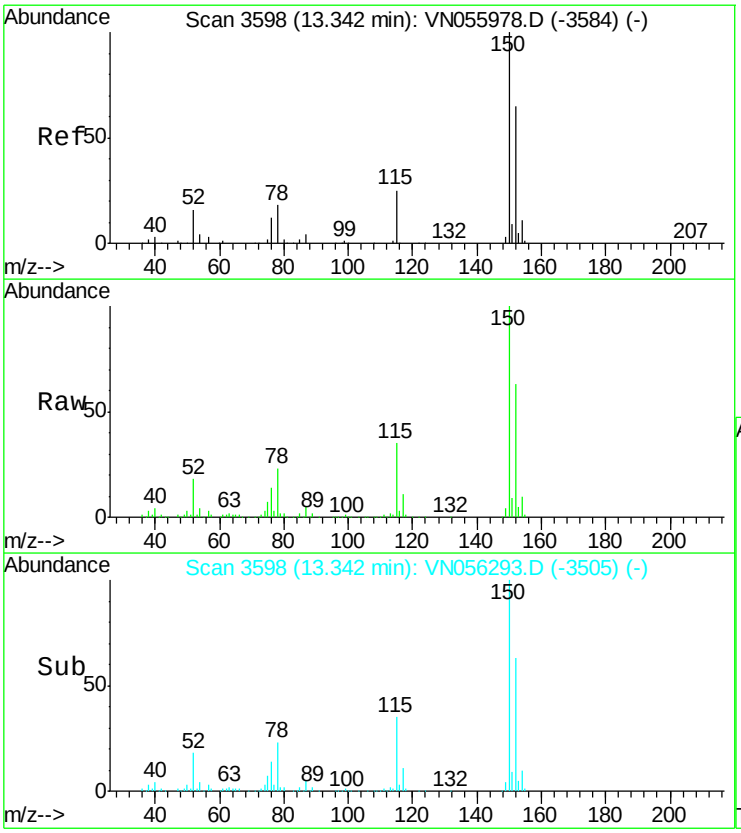
Tgt Ion: 91 Resp: 22738

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.1	37.7



Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

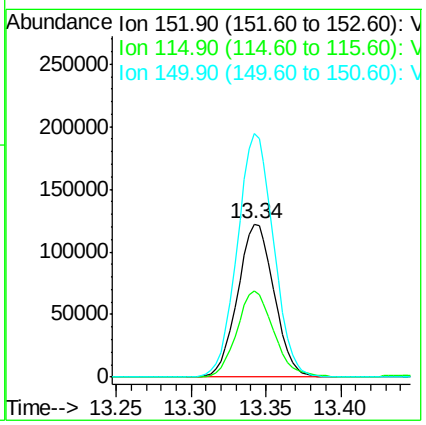
Manual Integrations APPROVED
MMDadoda
6/14/2019 9:36:39 AM

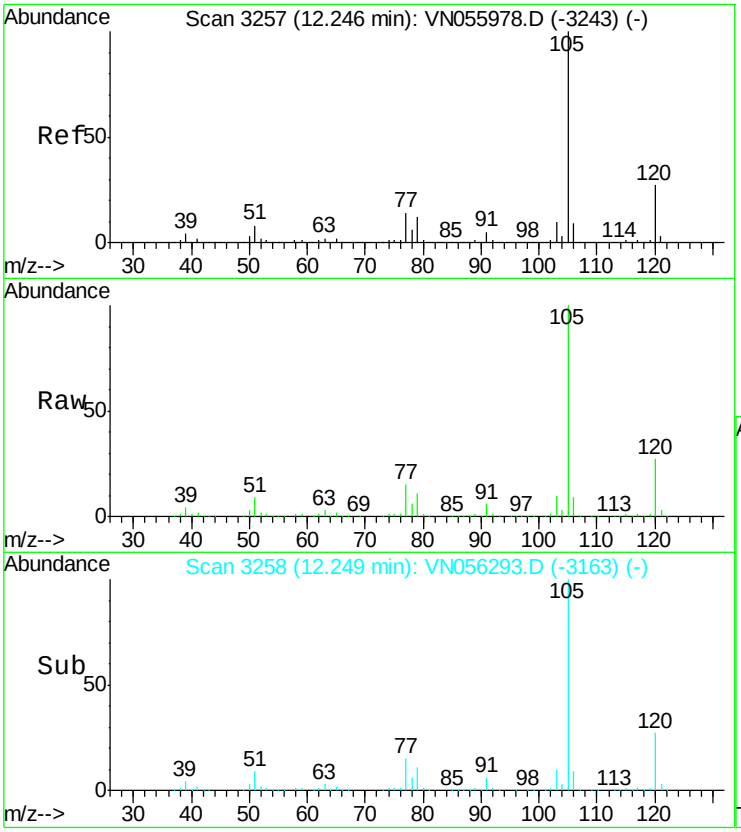


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:152 Resp: 207164

Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.0	81.0
150	158.1	0.0	343.2





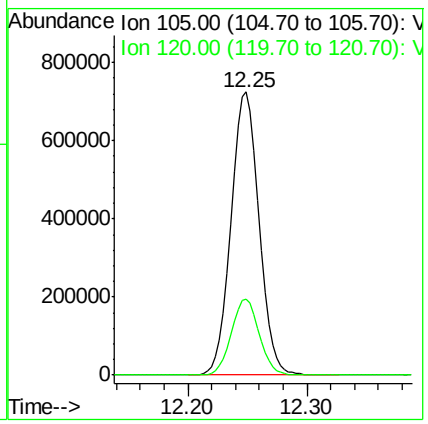
#73
Isopropylbenzene
Concen: 81.617 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

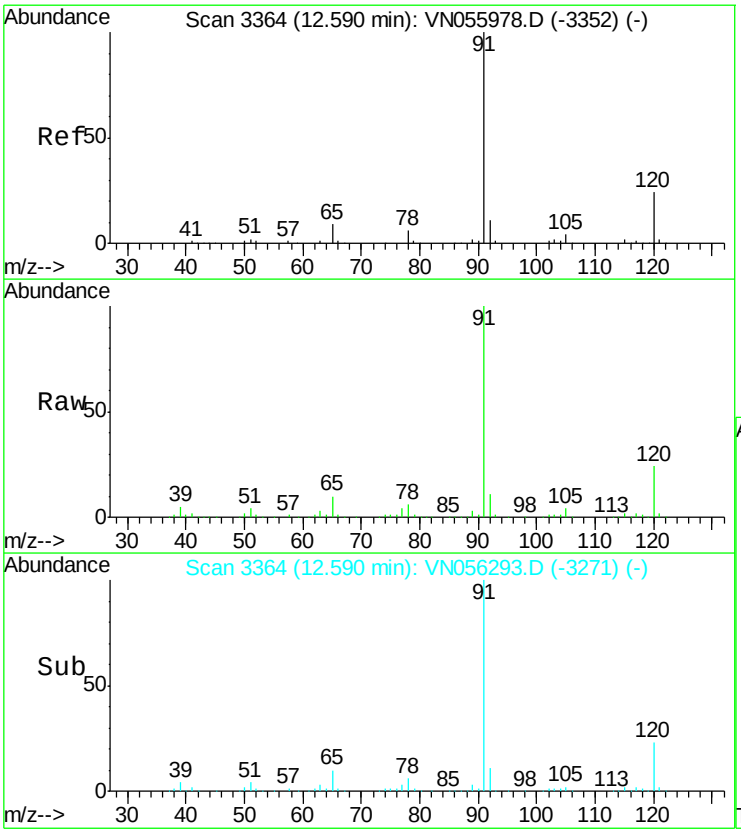
Tgt Ion:105 Resp: 1182618

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.6	40.7

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

Manual Integrations APPROVED
MMDadoda
6/14/2019 9:36:39 AM

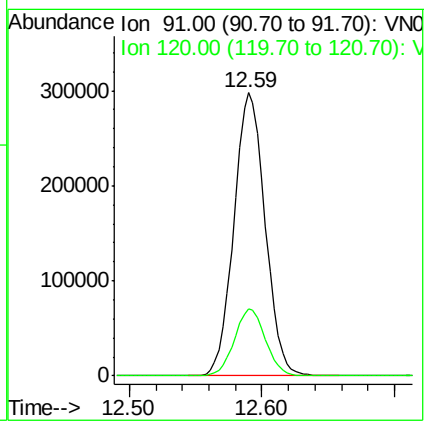


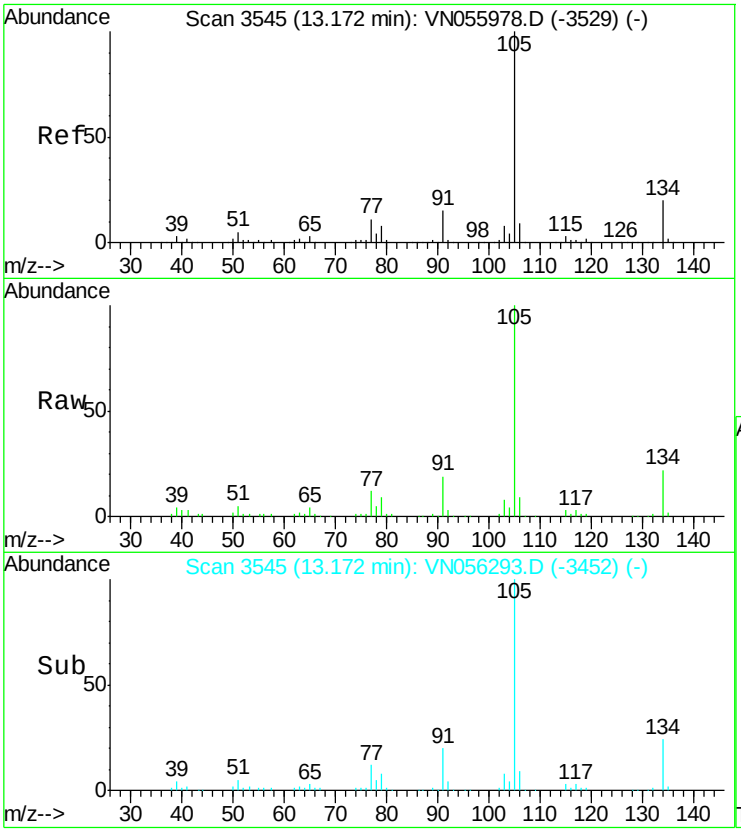


#78
n-propylbenzene
Concen: 27.722 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion: 91 Resp: 485852

Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.0	36.0





#85
sec-Butylbenzene
Concen: 6.662 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:105 Resp: 103404

Ion	Ratio	Lower	Upper
105	100		
134	27.9	10.4	31.2

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

Manual Integrations APPROVED
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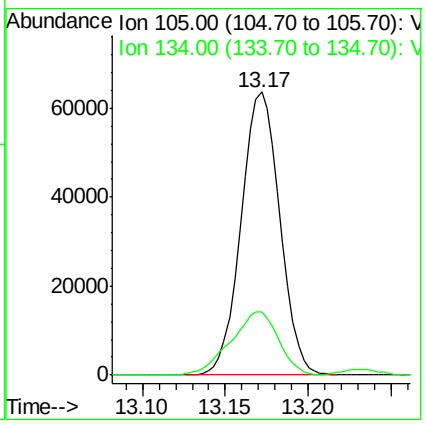
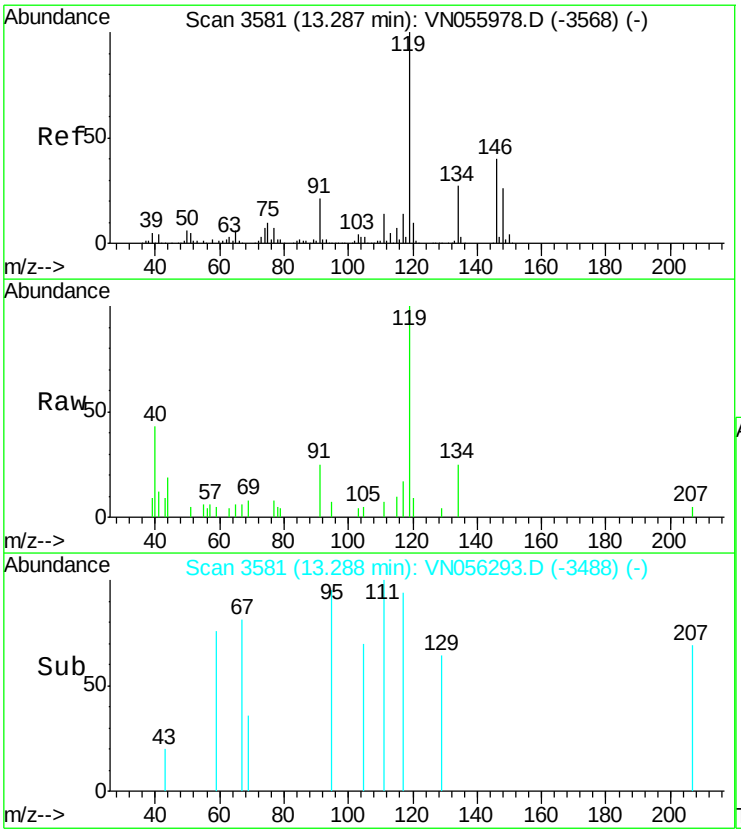
6/14/2019 9:36:39 AM

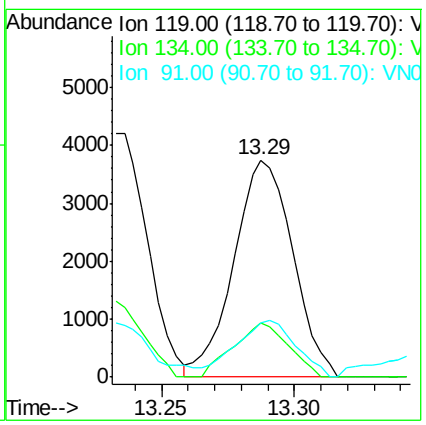


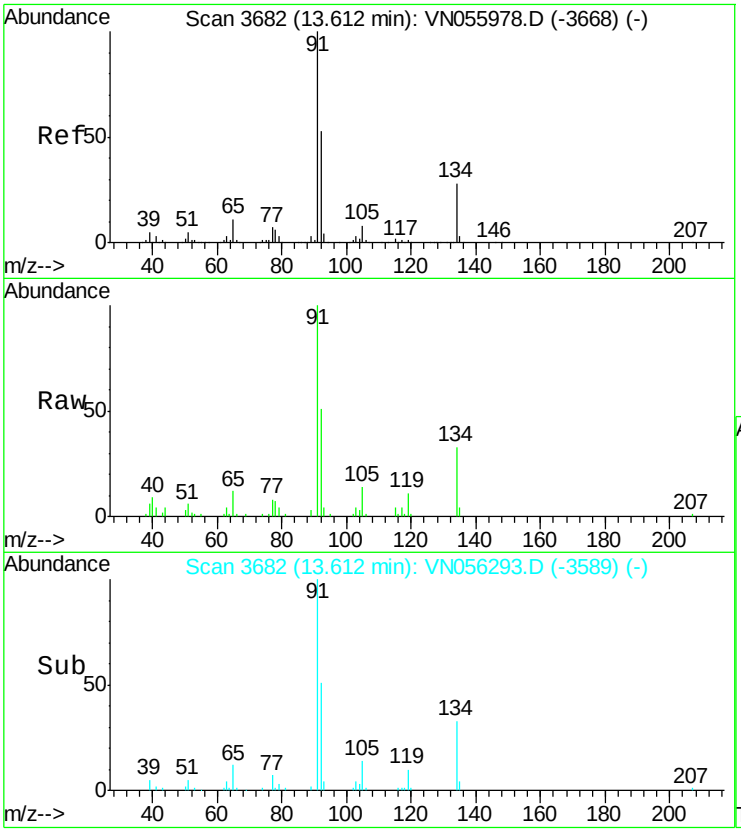


#86
p-Isopropyltoluene
Concen: 0.415 ug/l m
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:119 Resp: 5771

Ion	Ratio	Lower	Upper
119	100		
134	140.4	13.4	40.1#
91	115.0	10.9	32.9#





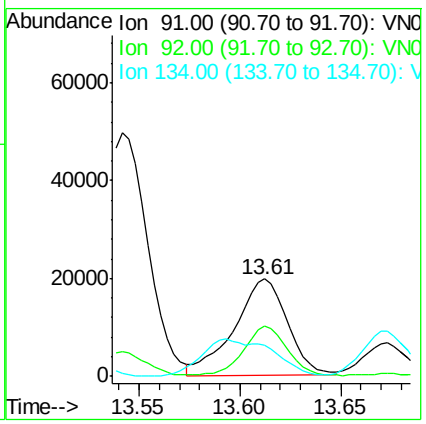
#89
n-Butylbenzene
Concen: 3.529 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

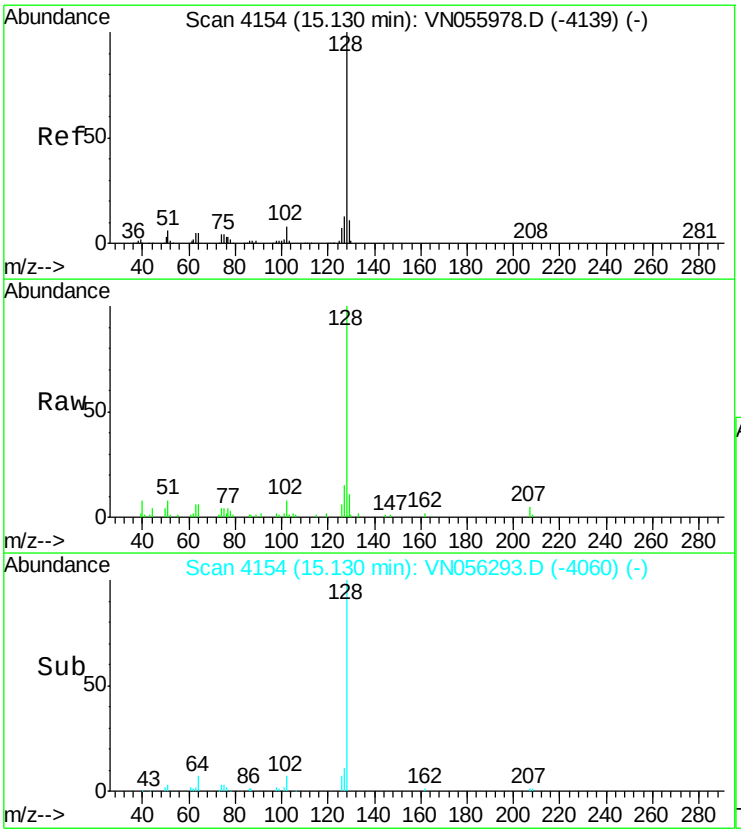
Tgt Ion: 91 Resp: 36310

Ion	Ratio	Lower	Upper
91	100		
92	43.9	26.4	79.0
134	52.4	13.9	41.7#

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

Manual Integrations APPROVED
MMDadoda
6/14/2019 9:36:39 AM





#95
Naphthalene
Concen: 7.099 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056293.D
Acq: 13 Jun 2019 19:53

Tgt Ion:128 Resp: 34861

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	8.0	8.7	13.1#