Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
Data File : VN057885.D
Acq On : 10 Sep 2019 23:39
Operator : JC/SP
Sample : K4818-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

Manual Integrations APPROVED
MMDadoda
9/13/2019 7:06:12 AM

Quant Time: Sep 11 04:57:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	264087	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	467173	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	426755	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234144	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	313150	58.55	ug/l		0.00
Spiked Amount 50.000			Recovery =	117.10%			
35) Dibromofluoromethane	7.58	113	210642	48.85	ug/l		0.00
Spiked Amount 50.000			Recovery =	97.70%			
50) Toluene-d8	10.09	98	840739	50.22	ug/l		0.00
Spiked Amount 50.000			Recovery =	100.44%			
62) 4-Bromofluorobenzene	12.40	95	280797	44.01	ug/l		0.00
Spiked Amount 50.000			Recovery =	88.02%			
Target Compounds							Qvalue
16) Acetone	3.80	43	297014	169.388	ug/l		99
19) Methyl tert-butyl Ether	5.03	73	75659	6.465	ug/l		95
39) Methylcyclohexane	9.07	83	13527	2.375	ug/l		94
73) Isopropylbenzene	12.25	105	30584	1.683	ug/l		97
78) n-propylbenzene	12.60	91	7528	0.361	ug/l		99
83) tert-Butylbenzene	13.00	119	23076	1.691	ug/l		94
85) sec-Butylbenzene	13.18	105	60201	3.328	ug/l	#	79
89) n-Butylbenzene	13.62	91	6610m	0.439	ug/l		

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

Quantitation Report (QT/LSC Reviewed)

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Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

Manual Integrations APPROVED
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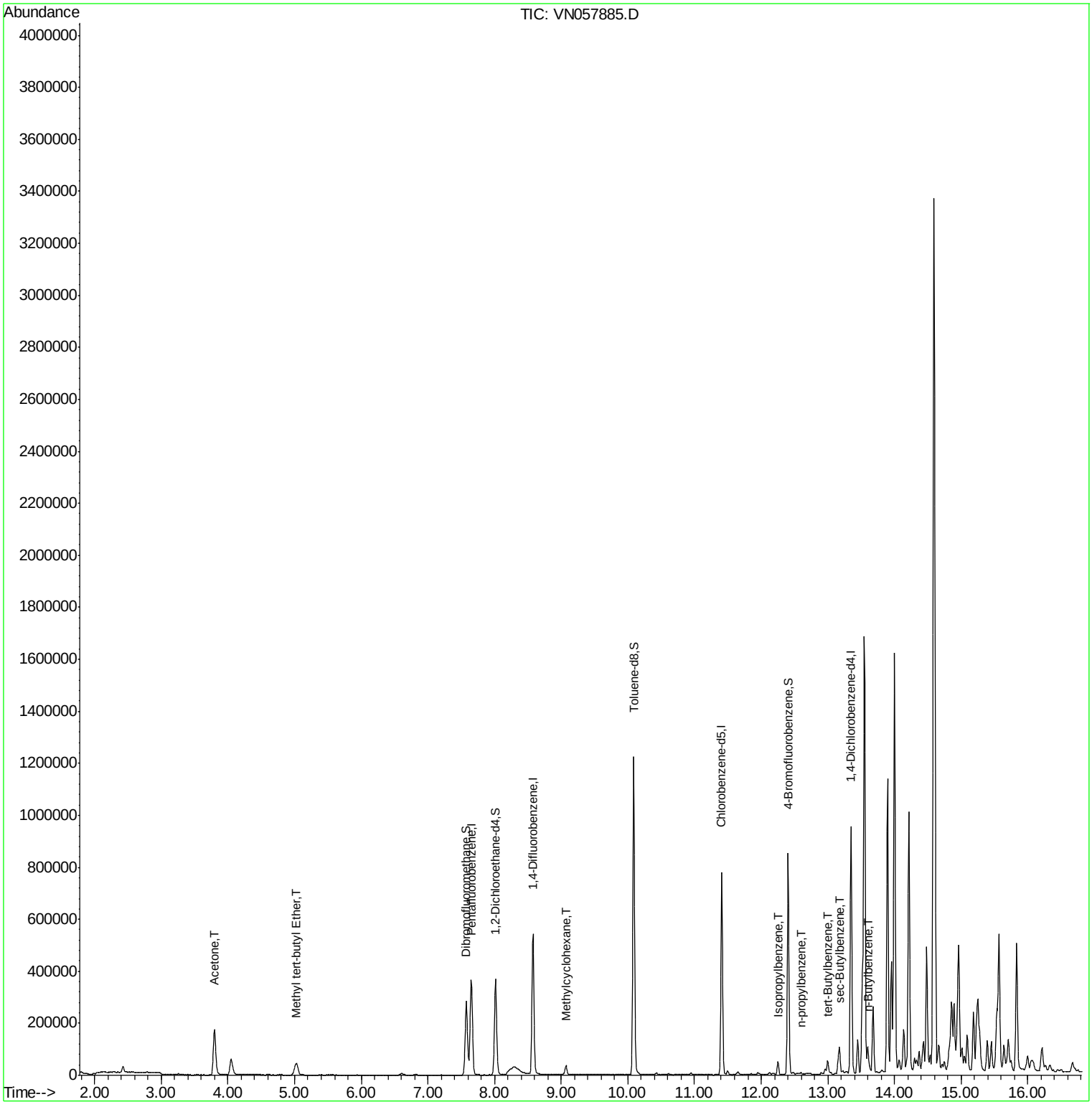

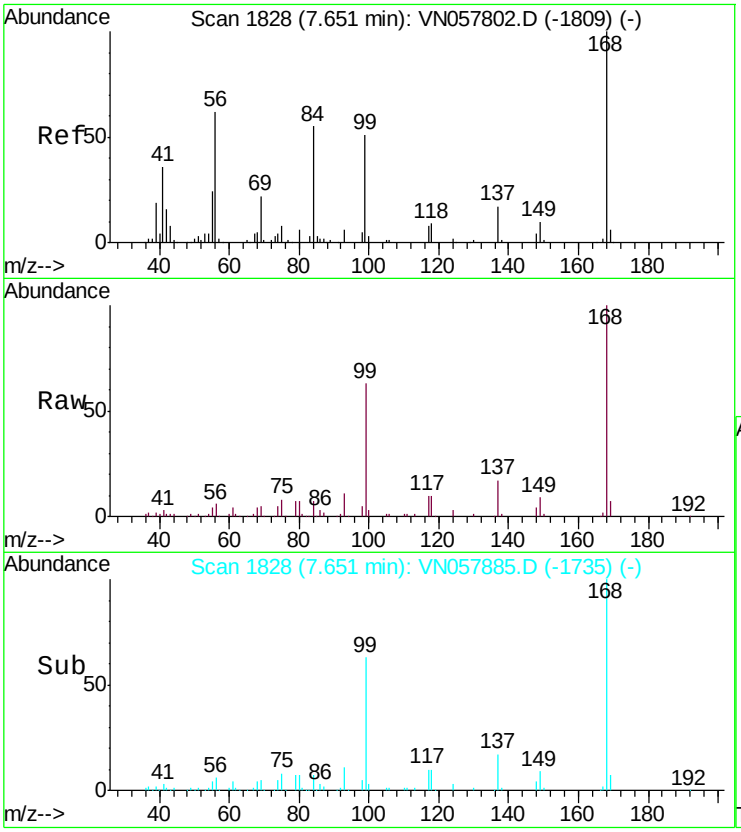

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion:168 Resp: 264087

Ion	Ratio	Lower	Upper
168	100		
99	62.8	48.0	72.0

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

Manual Integrations APPROVED
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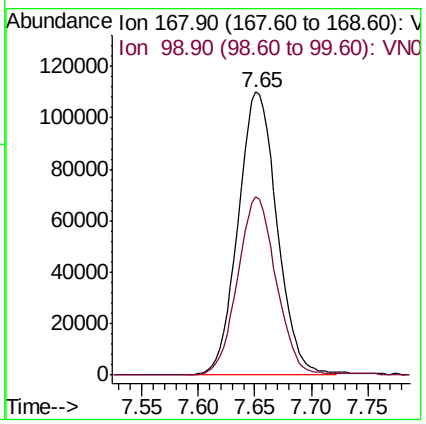
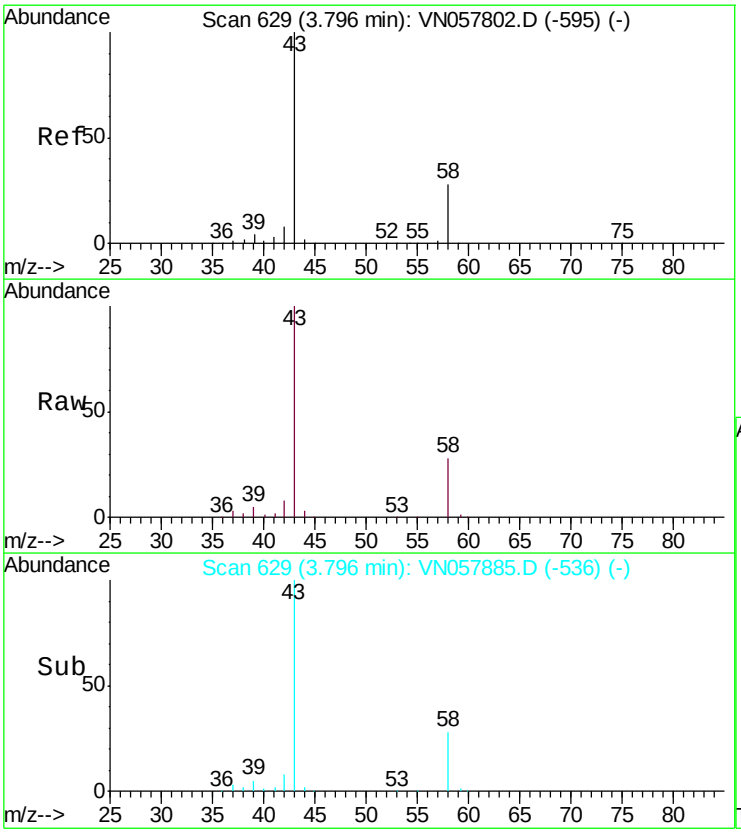
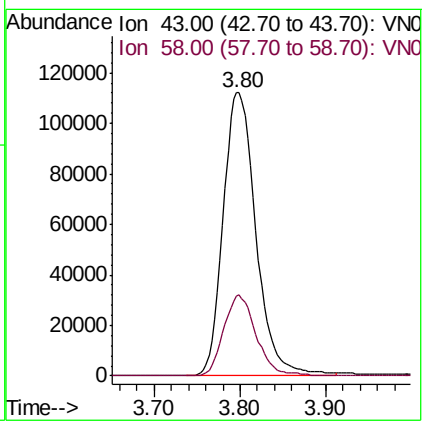


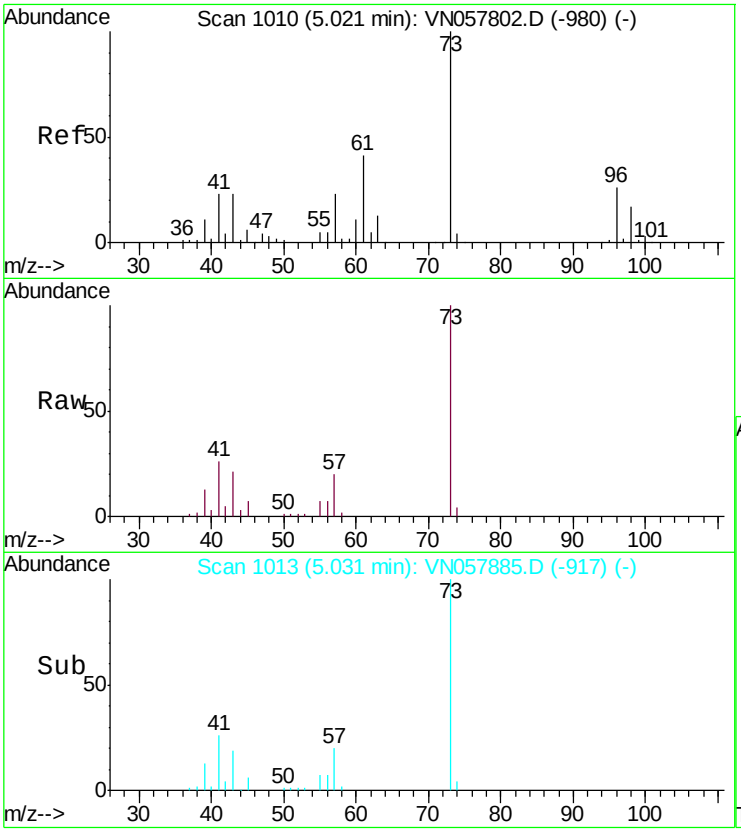


#16
Acetone
Concen: 169.388 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion: 43 Resp: 297014

Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.2	33.2

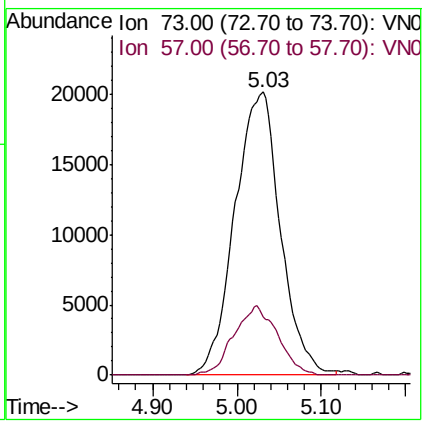




#19
Methyl tert-butyl Ether
Concen: 6.465 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion: 73 Resp: 75659

Ion	Ratio	Lower	Upper
73	100		
57	20.5	18.2	27.2



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

Manual Integrations APPROVED
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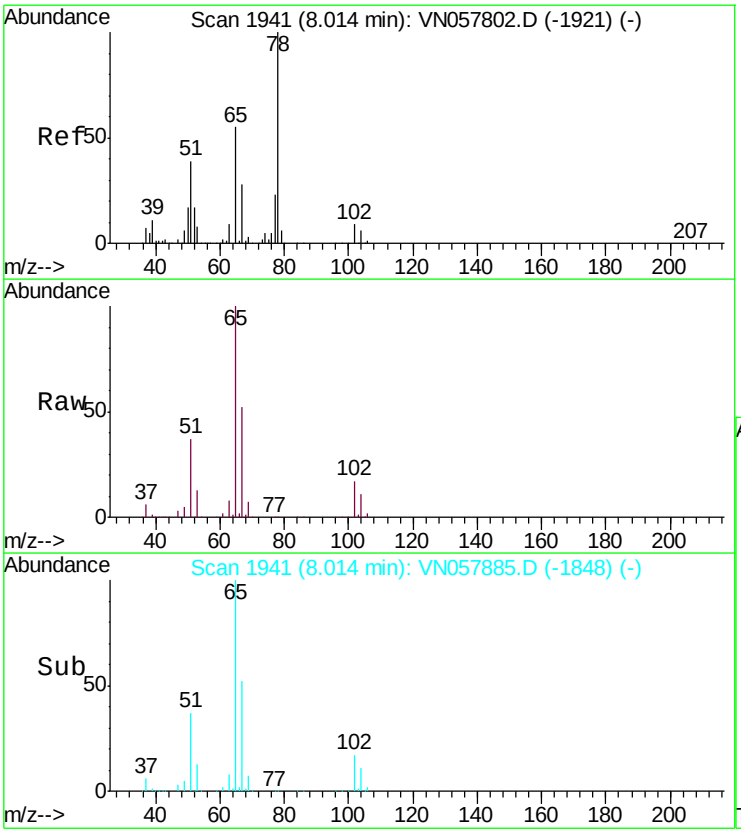
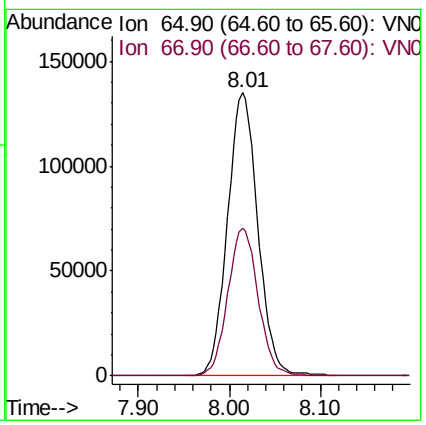
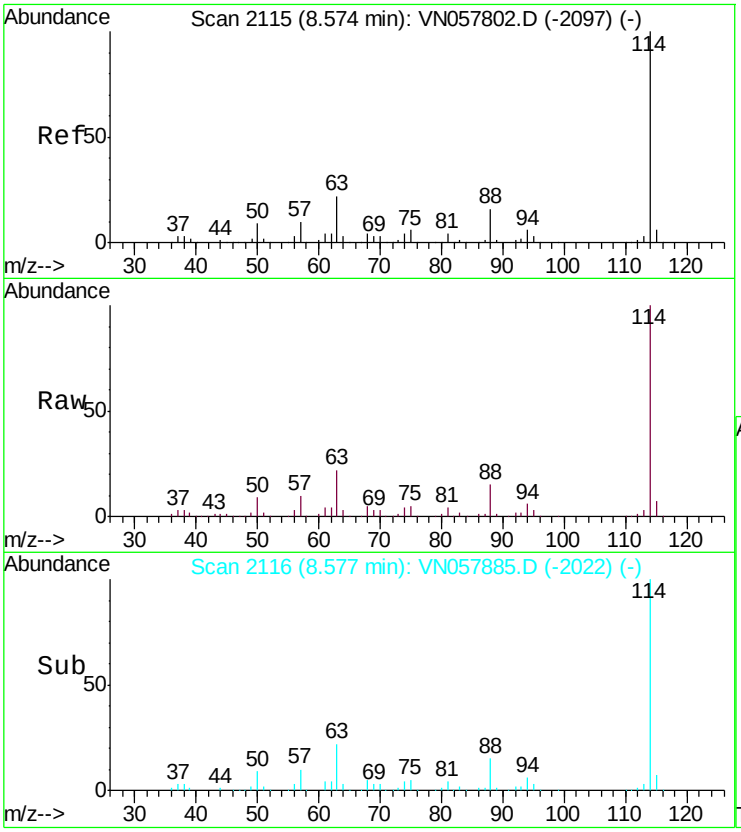


#33
1,2-Dichloroethane-d4
Concen: 58.545 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion: 65 Resp: 313150

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0

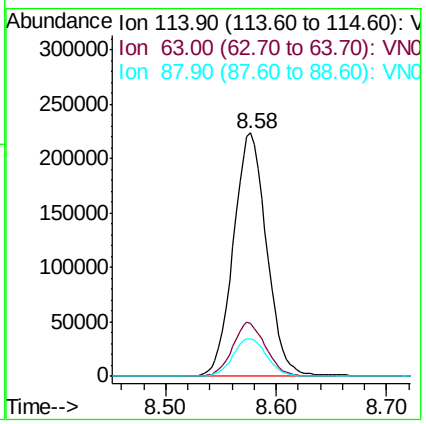




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion:114 Resp: 467173

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	15.4	0.0	31.4



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

Manual Integrations APPROVED
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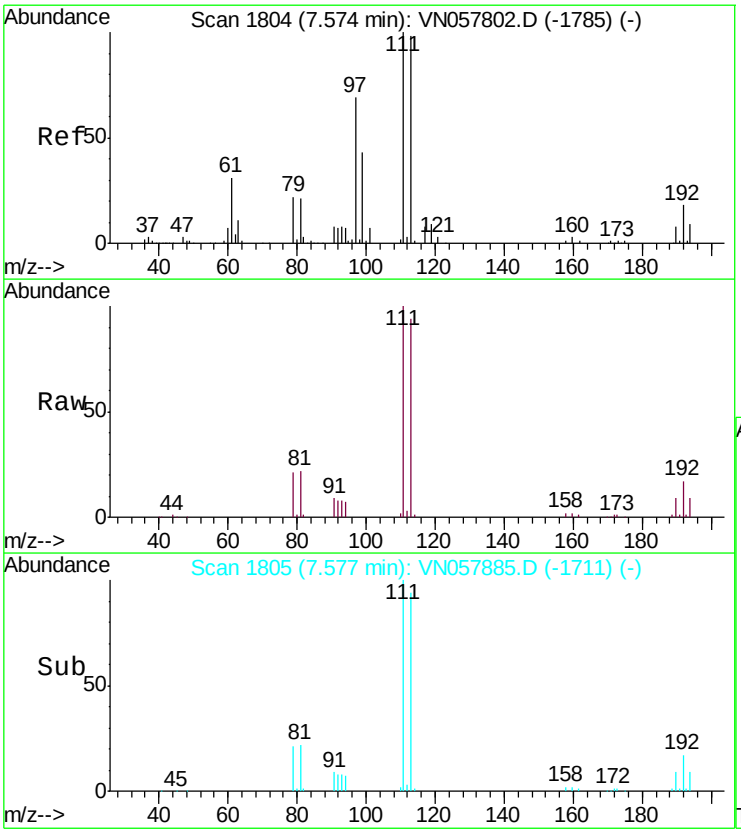
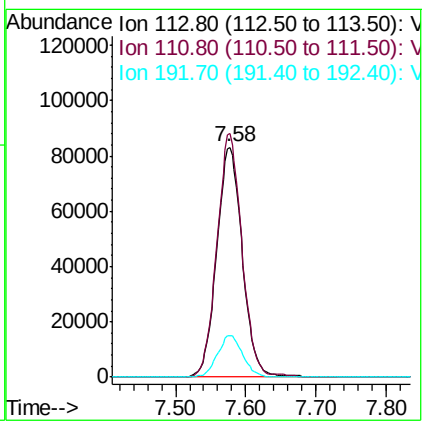
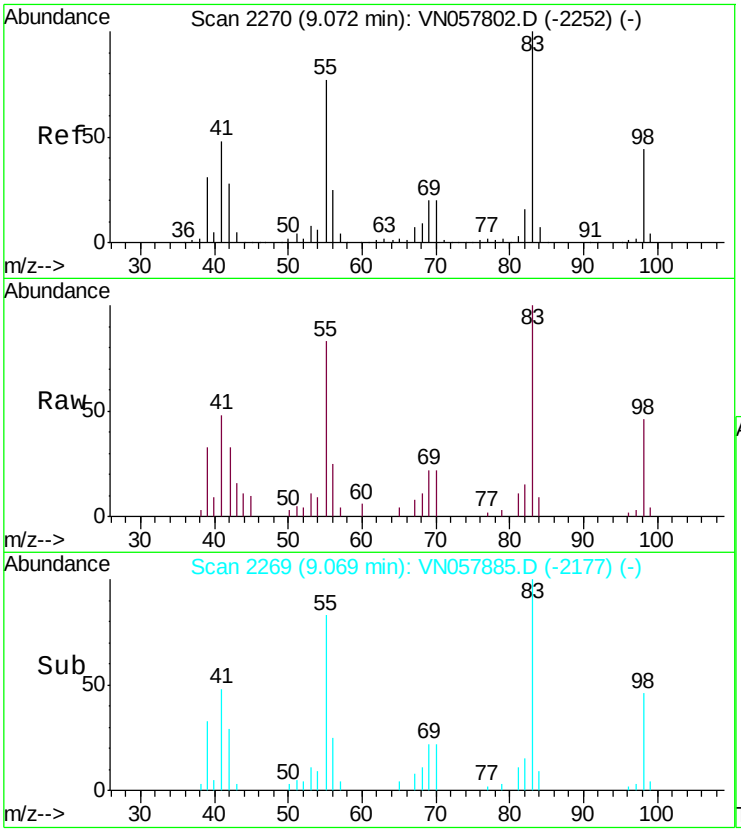


#35
Dibromofluoromethane
Concen: 48.852 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion:113 Resp: 210642

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	17.8	14.6	22.0

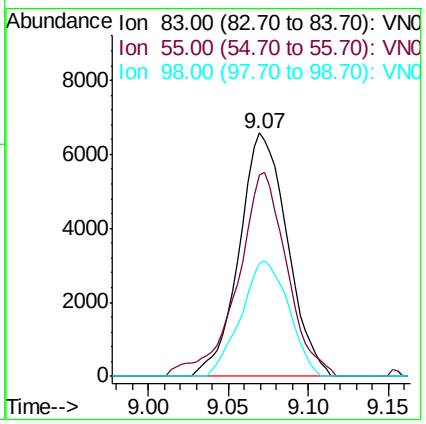




#39
Methylcyclohexane
Concen: 2.375 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion: 83 Resp: 13527

Ion	Ratio	Lower	Upper
83	100		
55	82.8	61.6	92.4
98	46.3	34.9	52.3



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

Manual Integrations APPROVED
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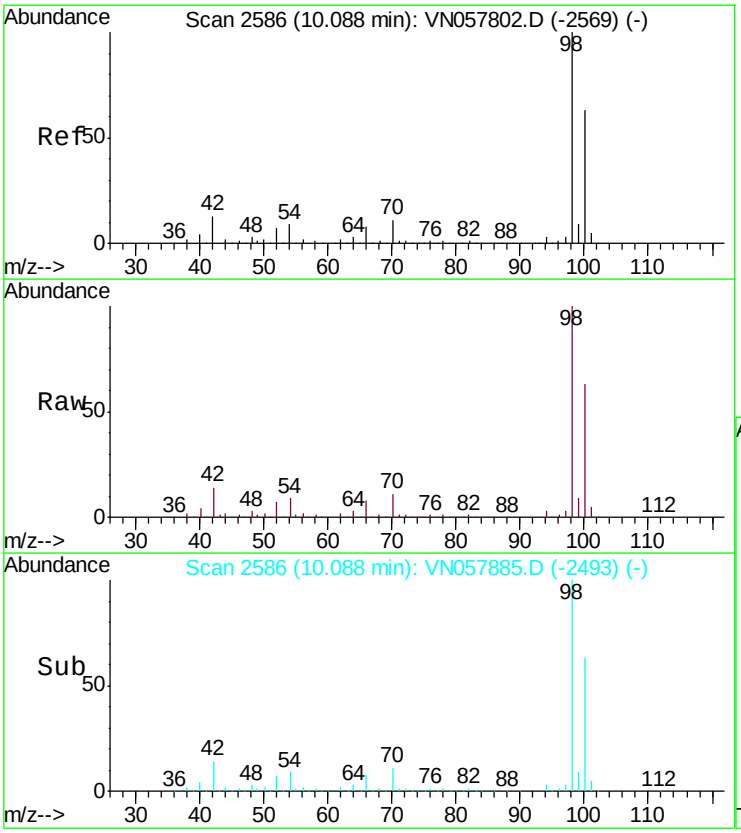
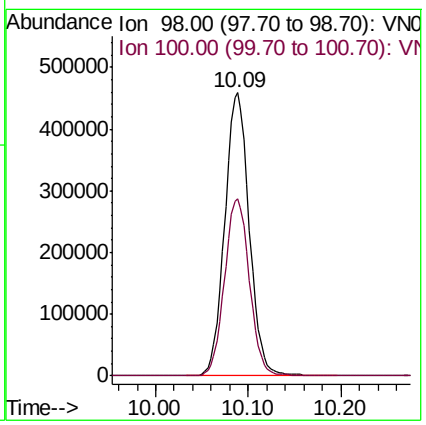
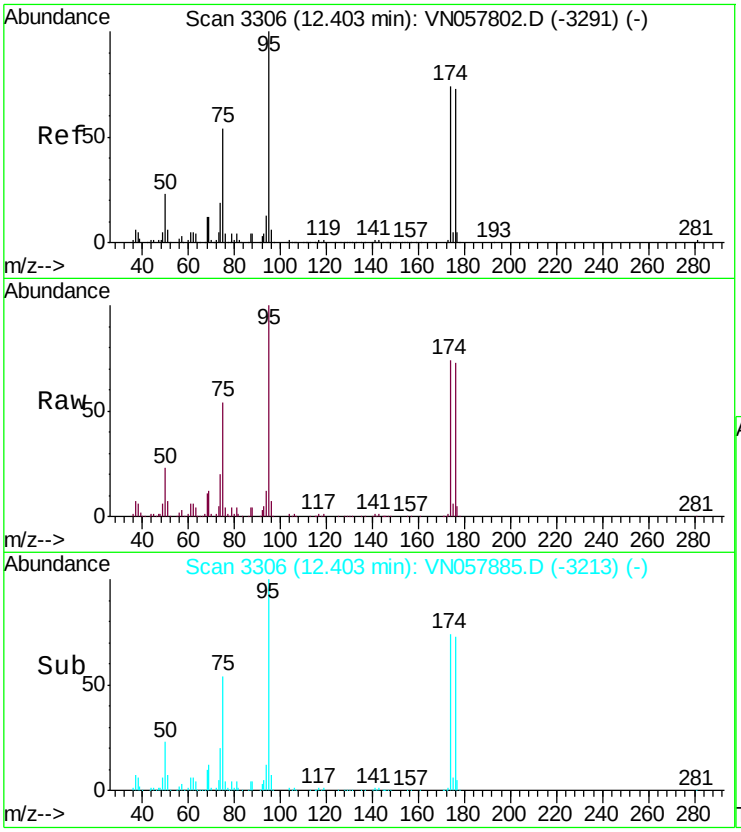


#50
Toluene-d8
Concen: 50.221 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion: 98 Resp: 840739

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.3	75.5

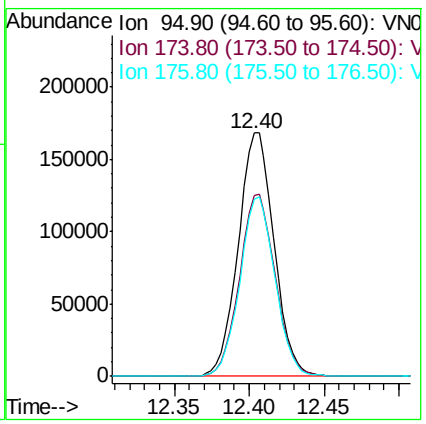




#62
4-Bromofluorobenzene
Concen: 44.014 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion: 95 Resp: 280797

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	150.2
176	72.5	0.0	146.0



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

Manual Integrations APPROVED
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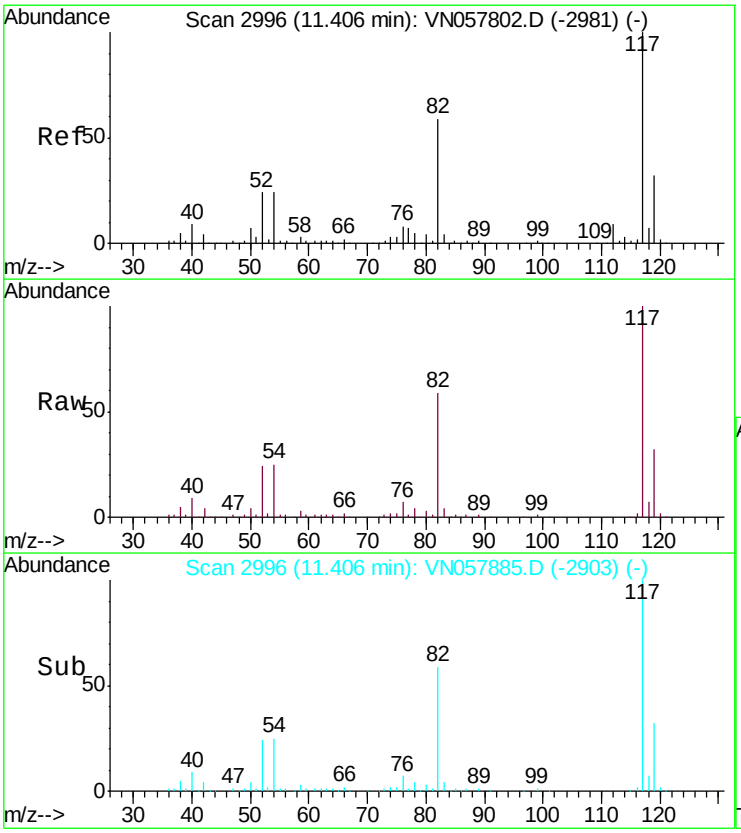
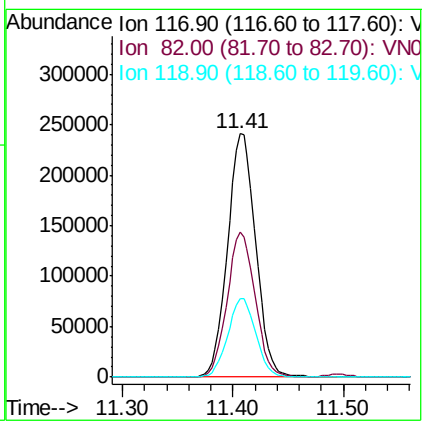
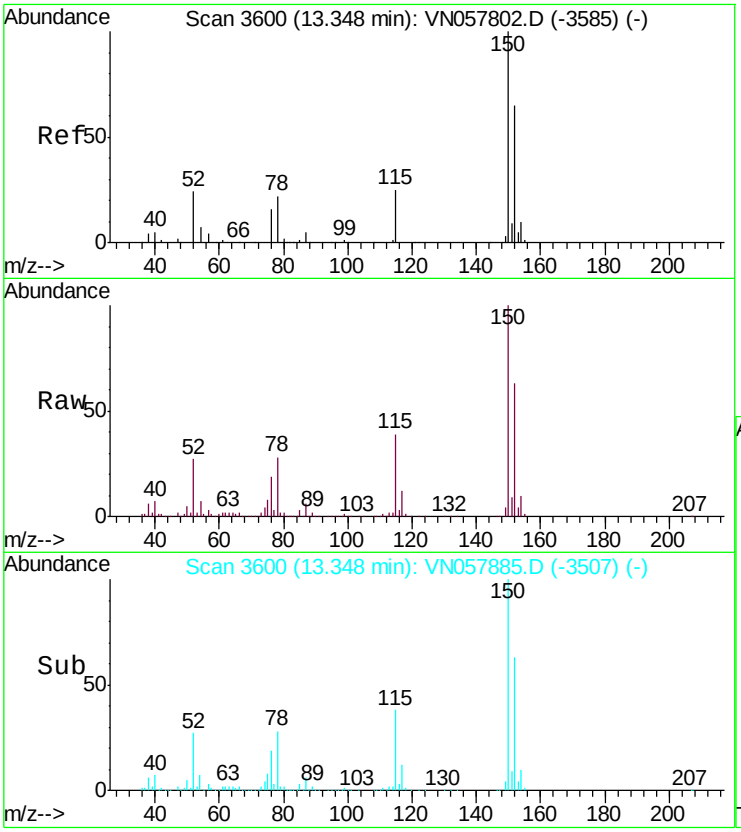


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion:117 Resp: 426755

Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.2	70.8
119	32.2	25.3	37.9

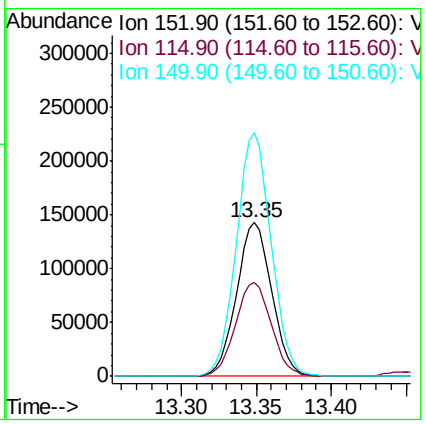




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion:152 Resp: 234144

Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.3	91.0
150	156.9	0.0	352.4



Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

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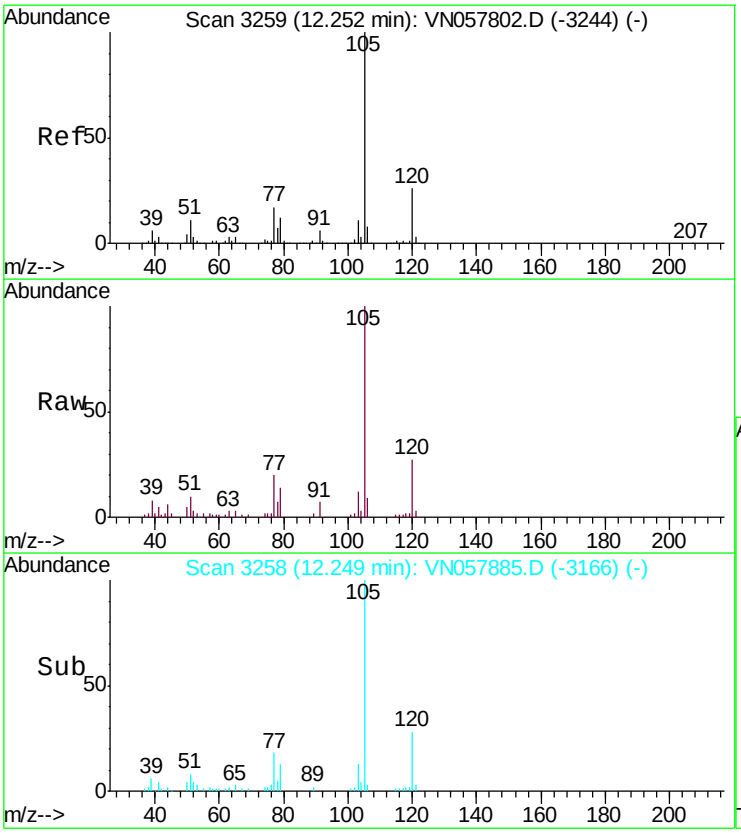
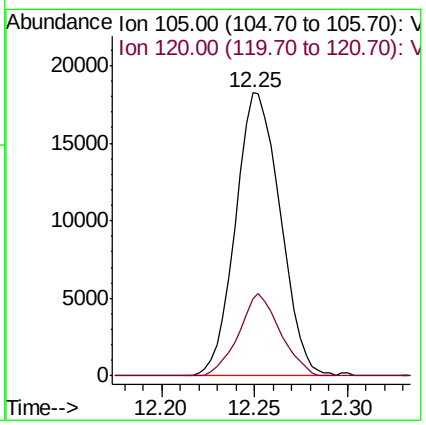
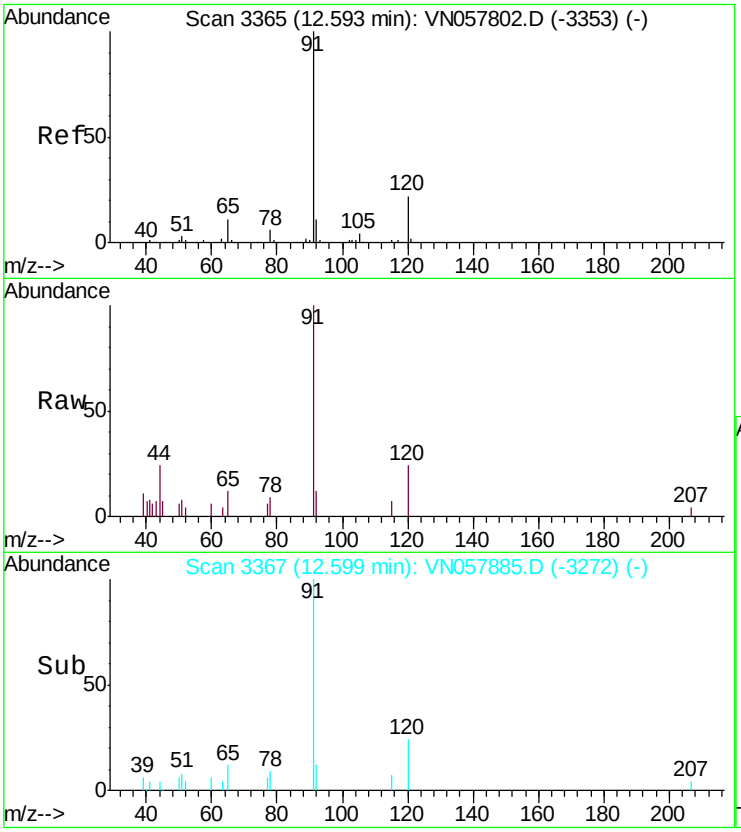


#73
Isopropylbenzene
Concen: 1.683 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion:105 Resp: 30584

Ion	Ratio	Lower	Upper
105	100		
120	26.9	12.8	38.4





#78
n-propylbenzene
Concen: 0.361 ug/l
RT: 12.60 min Scan# 3367
Delta R.T. 0.01 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion: 91 Resp: 7528

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.1	33.1

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations APPROVED
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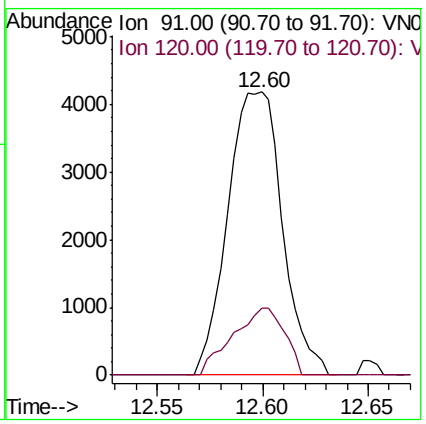
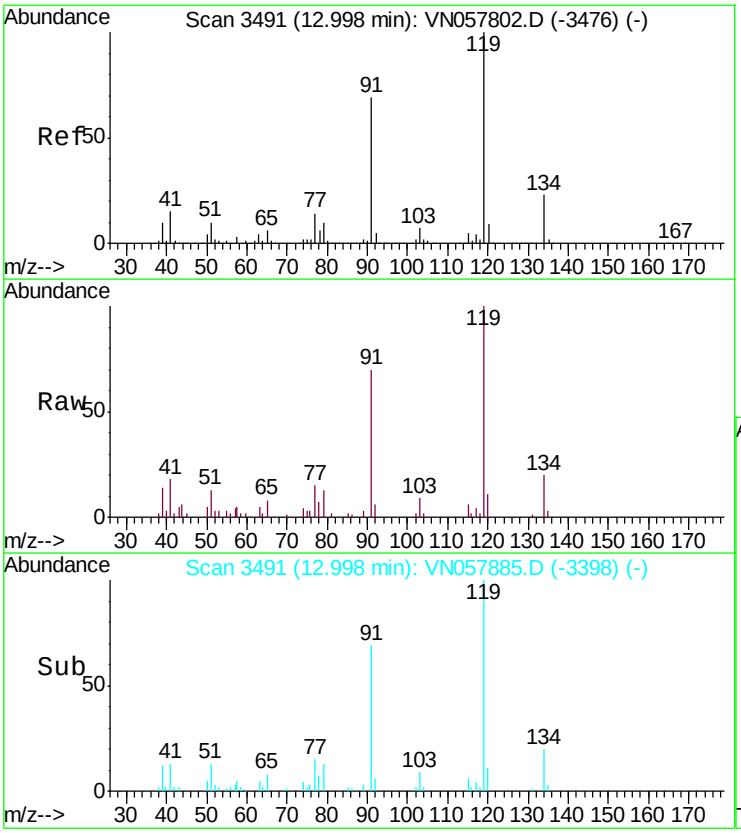
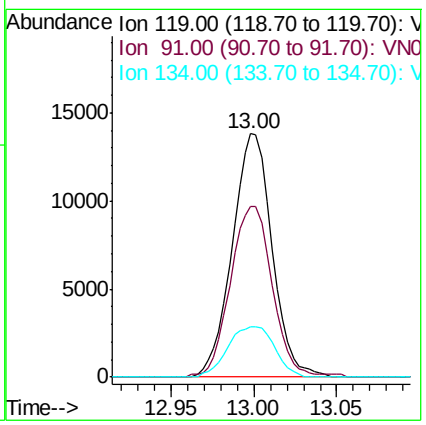


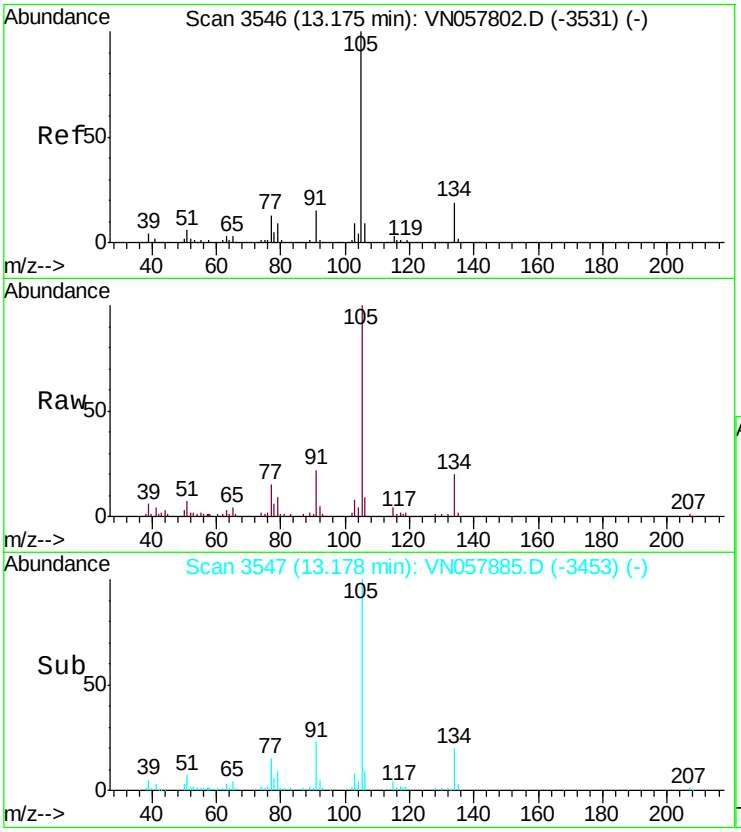


#83
tert-Butylbenzene
Concen: 1.691 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion:119 Resp: 23076

Ion	Ratio	Lower	Upper
119	100		
91	73.5	33.6	100.8
134	24.3	11.7	35.0





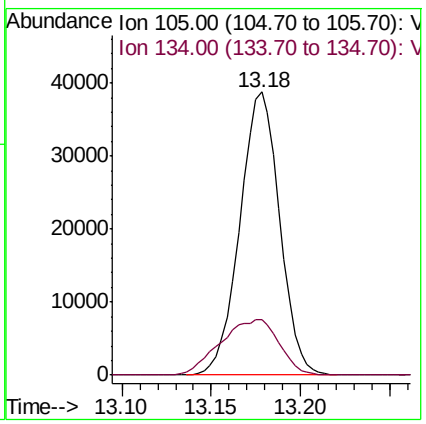
#85
sec-Butylbenzene
Concen: 3.328 ug/l
RT: 13.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

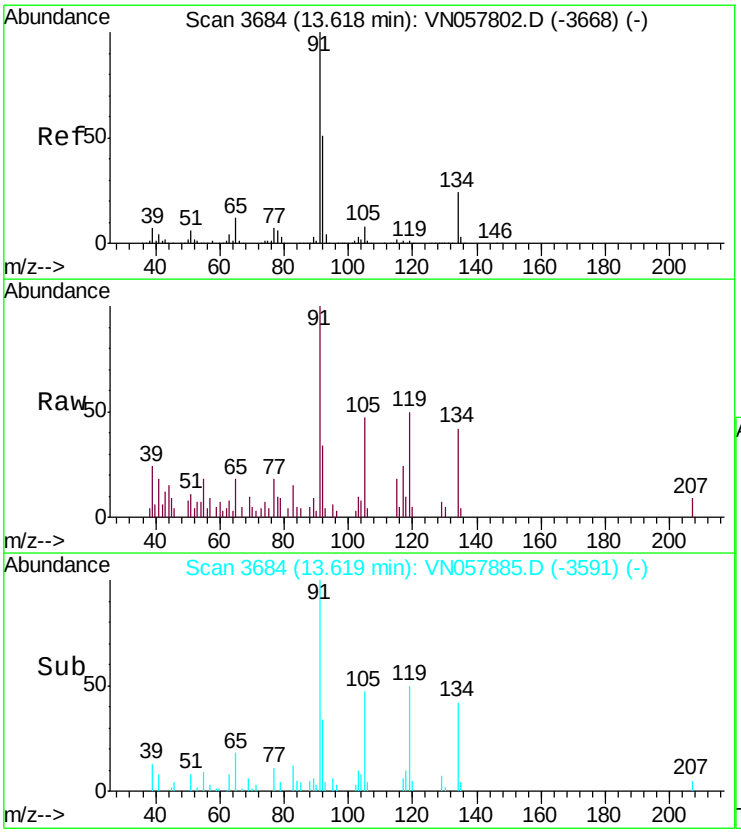
Tgt Ion:105 Resp: 60201

Ion	Ratio	Lower	Upper
105	100		
134	28.8	9.6	28.6#

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-091019

Manual Integrations APPROVED
MMDadoda
9/13/2019 7:06:12 AM





#89
n-Butylbenzene
Concen: 0.439 ug/l m
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057885.D
Acq: 10 Sep 2019 23:39

Tgt Ion: 91 Resp: 6610

Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.7	77.0#
134	250.9	11.9	35.7#