Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054830.D
Acq On : 31 Mar 2019 4:24
Operator : JC/SP
Sample : K2164-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-8

Manual Integrations APPROVED
MMDadoda
4/1/2019 1:31:52 PM

Quant Time: Apr 01 01:50:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	522477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	845055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	705689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	250807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	348783	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.04%			
35) Dibromofluoromethane	7.59	113	276688	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.22%			
50) Toluene-d8	10.09	98	1011554	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
62) 4-Bromofluorobenzene	12.40	95	305026	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.58%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.06	73	300988	20.951	ug/l	94
29) Tetrahydrofuran	7.24	42	7965m	4.619	ug/l	
40) Benzene	8.05	78	9074	0.403	ug/l	95
52) Toluene	10.16	92	10629	0.793	ug/l	96
67) Ethyl Benzene	11.51	91	15031	0.603	ug/l	100
68) m/p-Xylenes	11.62	106	10387	1.126	ug/l	96
69) o-Xylene	11.95	106	5214	0.576	ug/l	92
70) Styrene	11.96	104	8465	0.585	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	8575	0.535	ug/l	94

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054830.D
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Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
MW-8

Manual Integrations APPROVED
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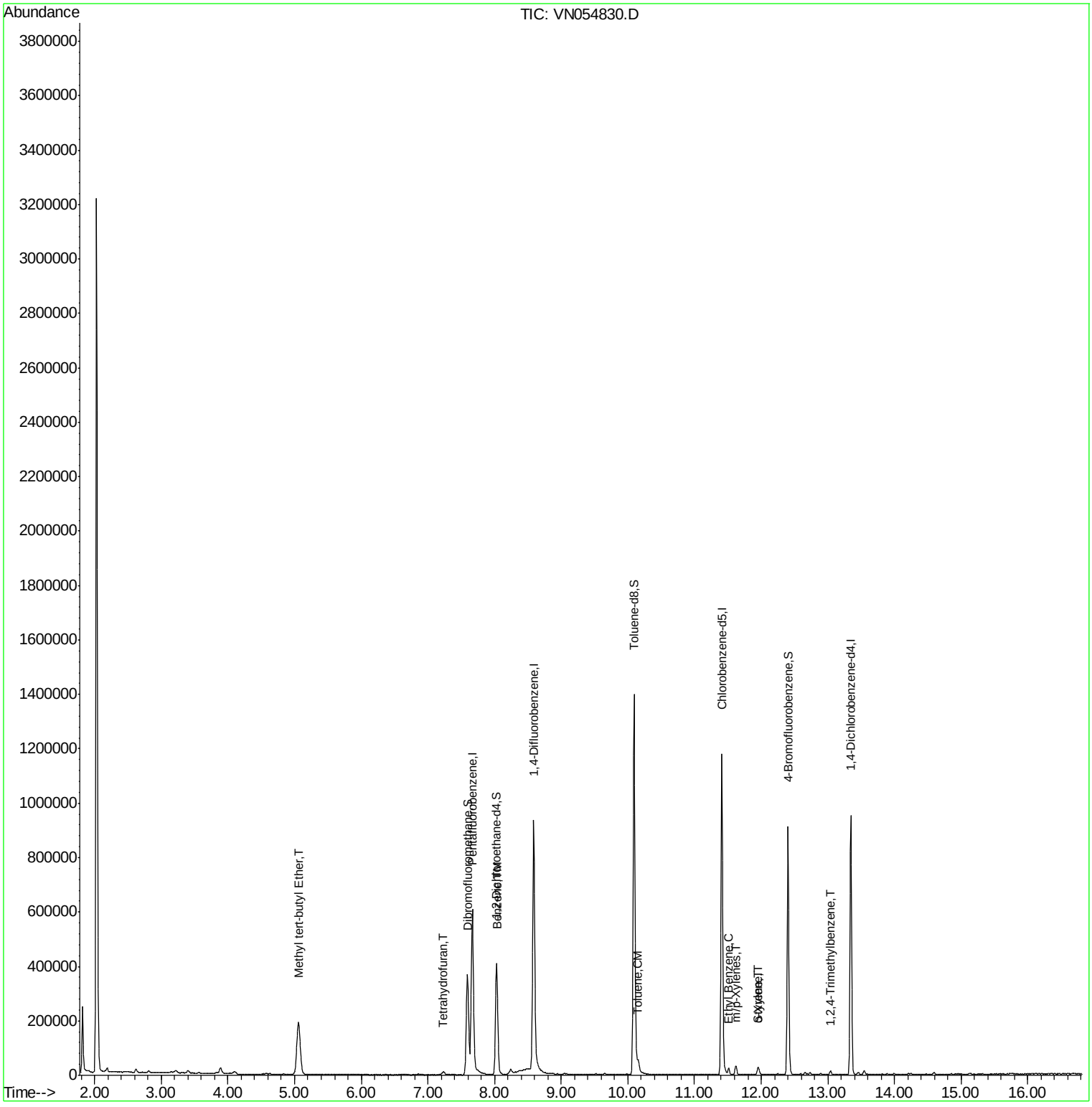

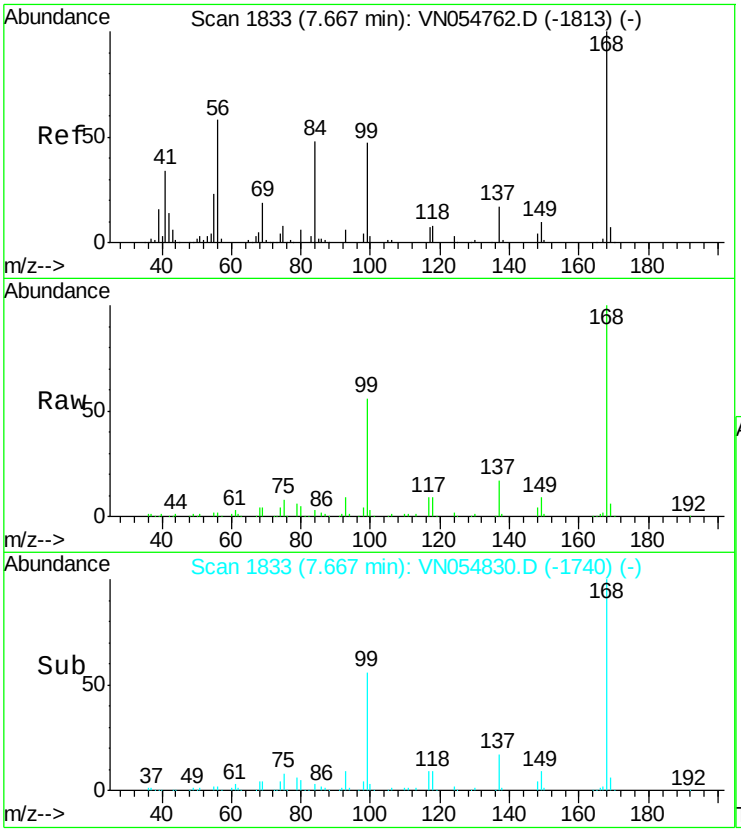

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:168 Resp: 522477

Ion	Ratio	Lower	Upper
168	100		
99	56.2	37.1	55.7#

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Manual Integrations APPROVED
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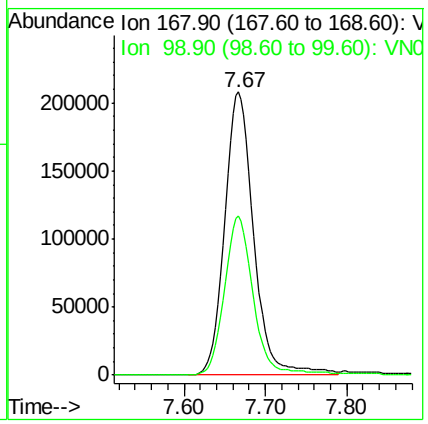
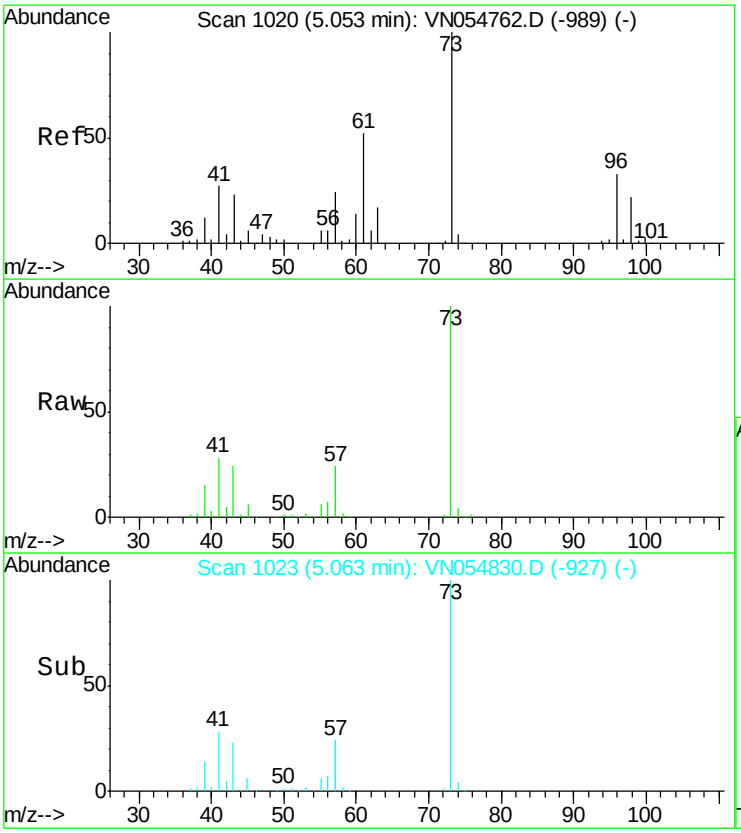
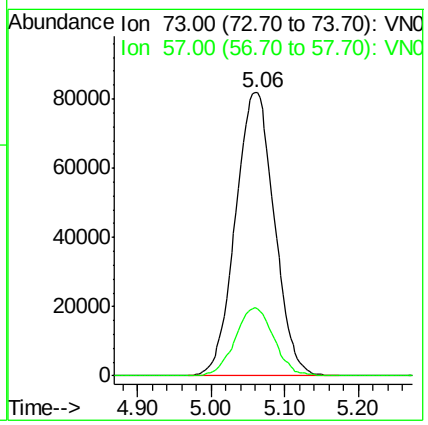


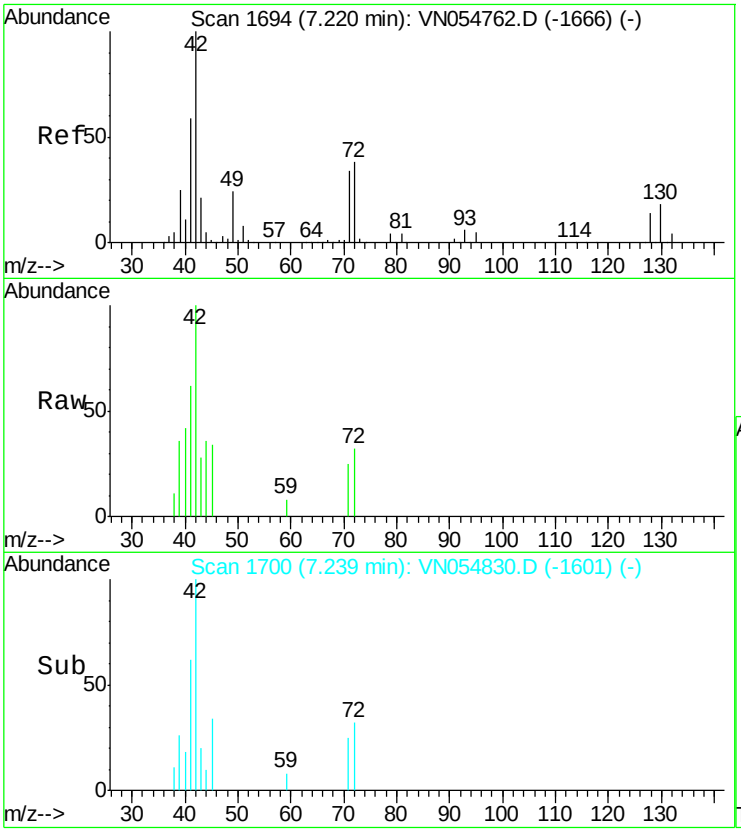


#19
Methyl tert-butyl Ether
Concen: 20.951 ug/l
RT: 5.06 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 73 Resp: 300988

Ion	Ratio	Lower	Upper
73	100		
57	23.6	16.8	25.2

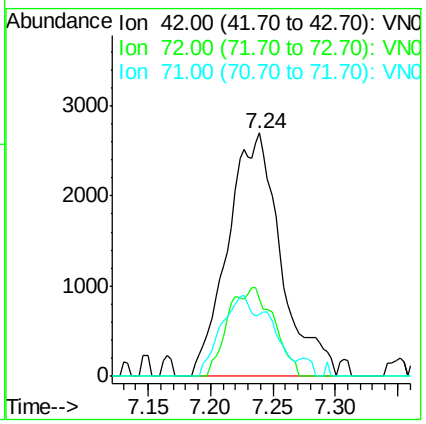




#29
Tetrahydrofuran
Concen: 4.619 ug/l m
RT: 7.24 min Scan# 1700
Delta R.T. 0.02 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 42 Resp: 7965

Ion	Ratio	Lower	Upper
42	100		
72	31.6	37.8	56.6#
71	20.3	36.2	54.2#



Instrument :
MSVOA_N
ClientSampleId :
MW-8

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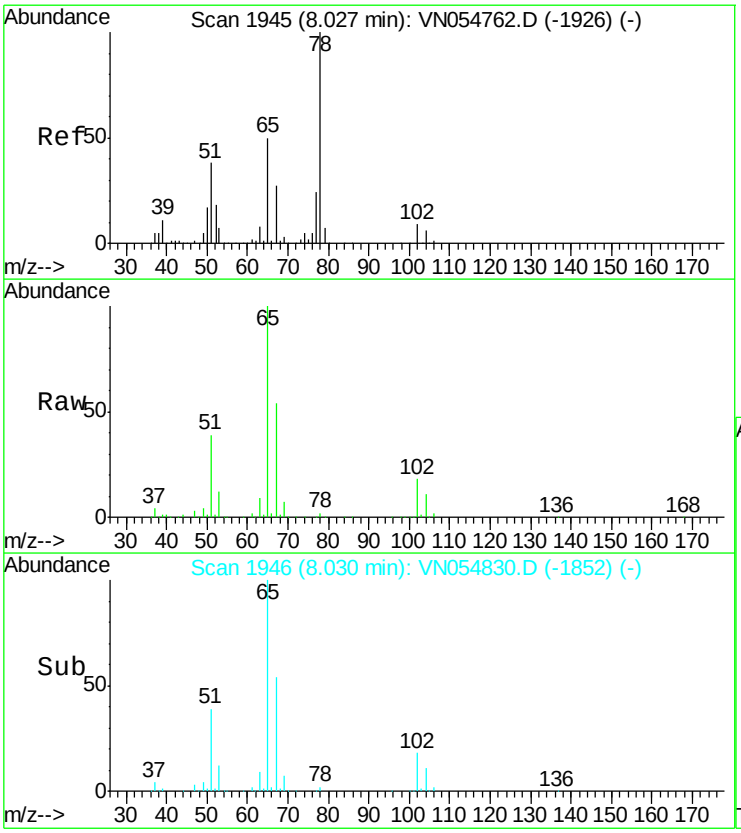
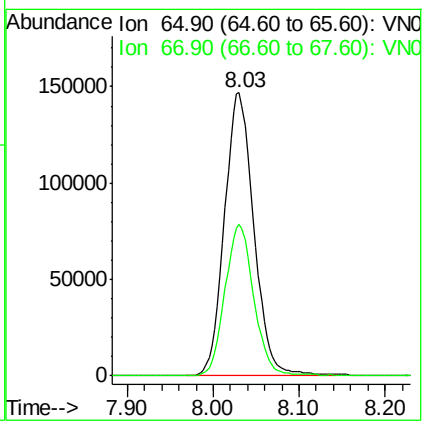
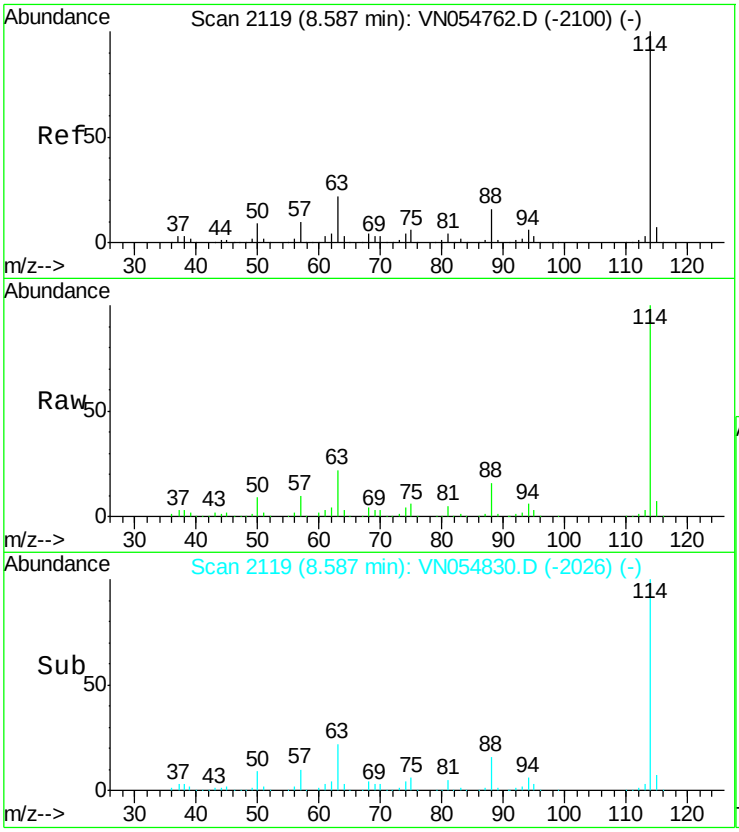


#33
1,2-Dichloroethane-d4
Concen: 49.521 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 65 Resp: 348783

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6

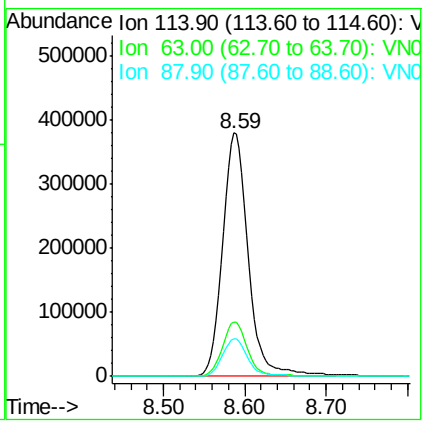




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:114 Resp: 845055

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.2
88	15.6	0.0	30.2



Instrument :
MSVOA_N
ClientSampleId :
MW-8

Manual Integrations APPROVED
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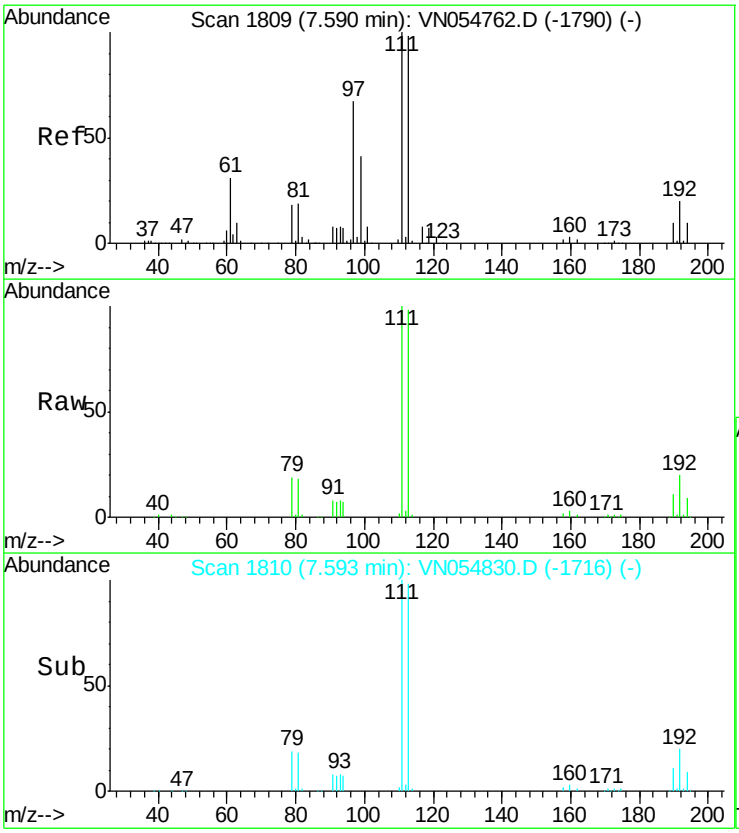
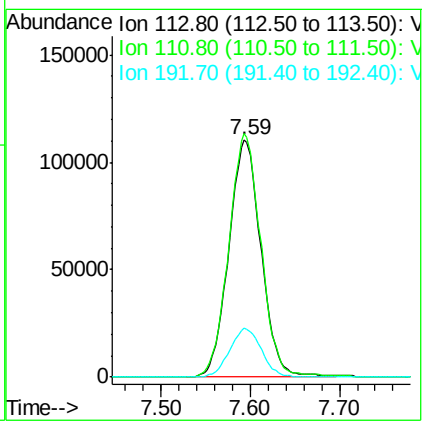
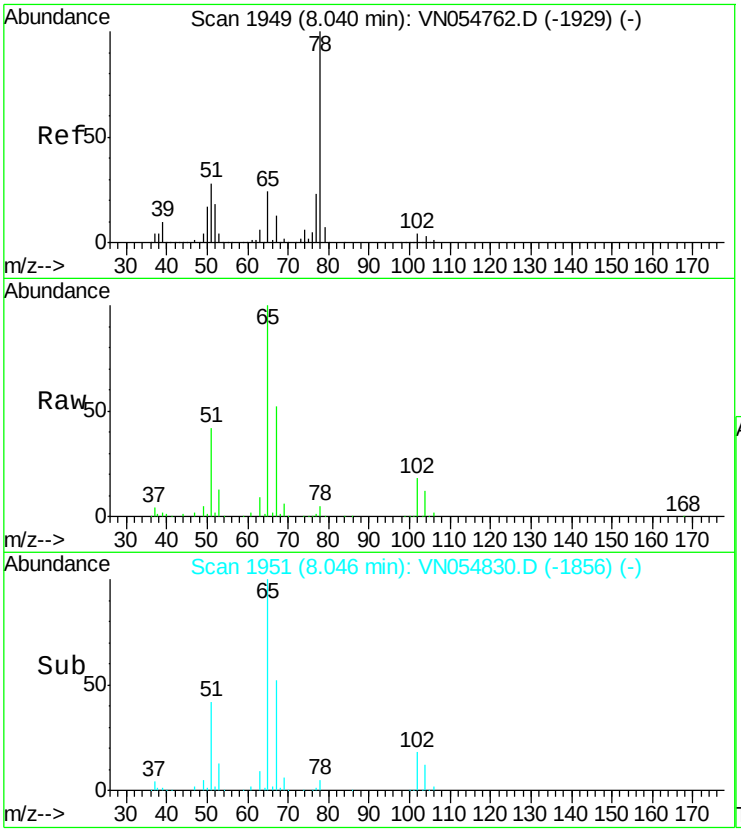


#35
Dibromofluoromethane
Concen: 49.111 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:113 Resp: 276688

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	20.2	19.2	28.8

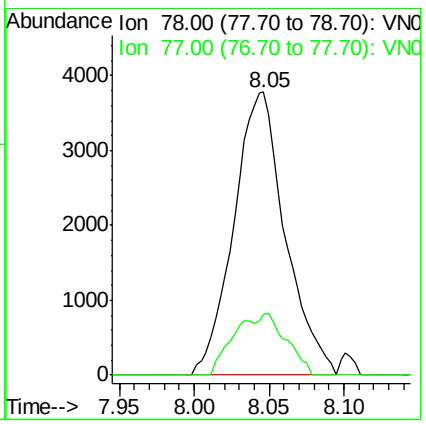




#40
Benzene
Concen: 0.403 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.01 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 78 Resp: 9074

Ion	Ratio	Lower	Upper
78	100		
77	21.2	19.1	28.7



Instrument :
MSVOA_N
ClientSampleId :
MW-8

Manual Integrations APPROVED
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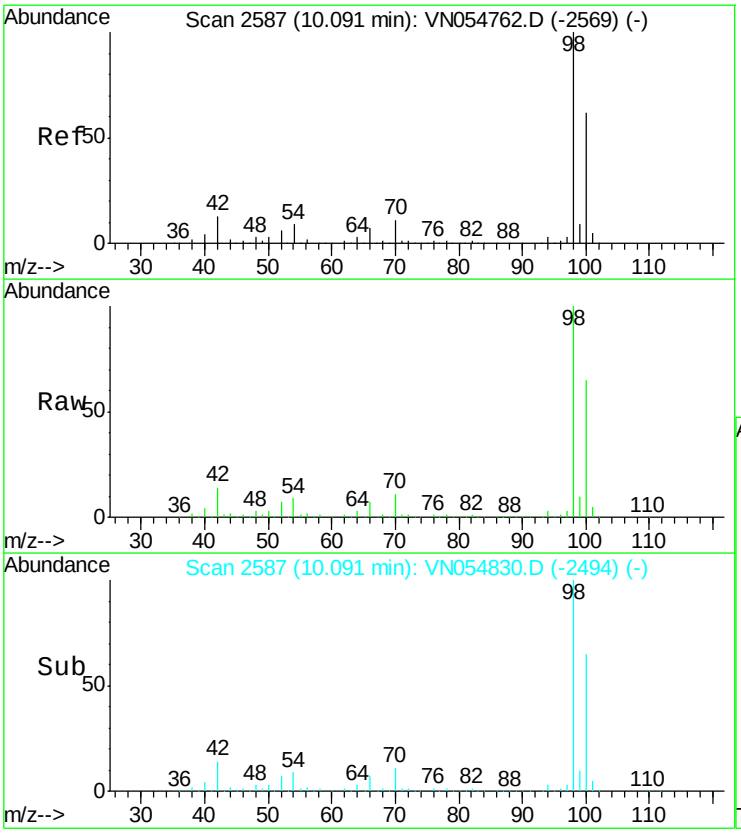
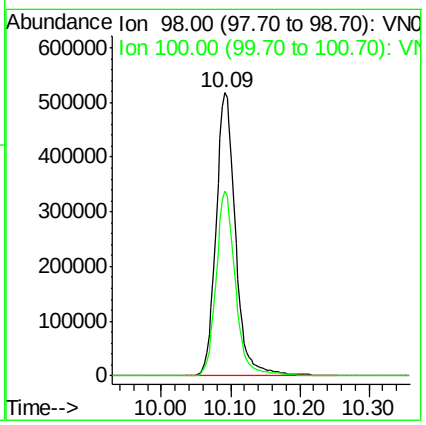
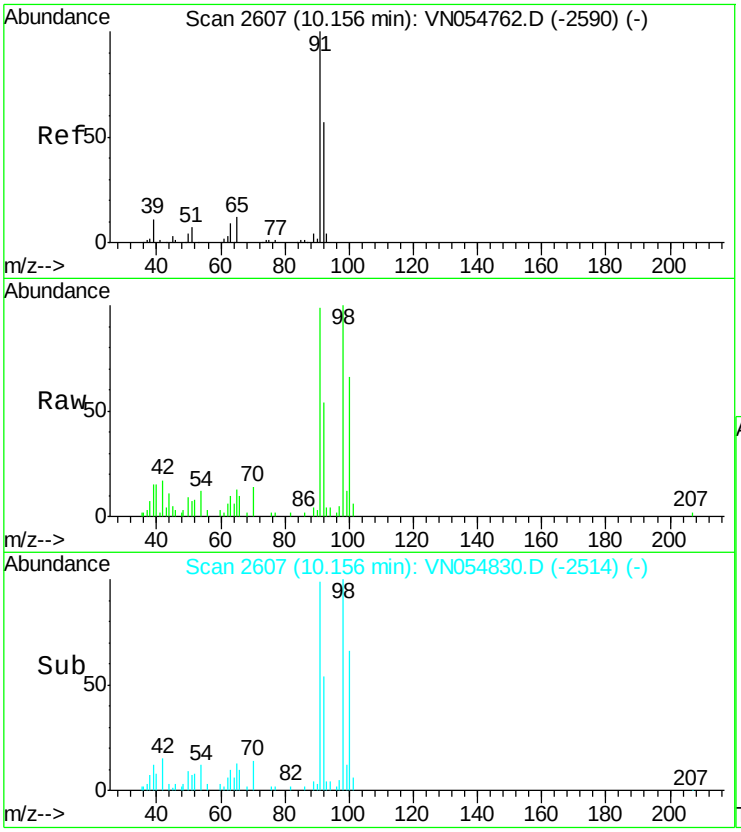


#50
Toluene-d8
Concen: 48.294 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 98 Resp: 1011554

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8





#52
Toluene
Concen: 0.793 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 92 Resp: 10629

Ion	Ratio	Lower	Upper
92	100		
91	181.0	140.7	211.1

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Manual Integrations APPROVED
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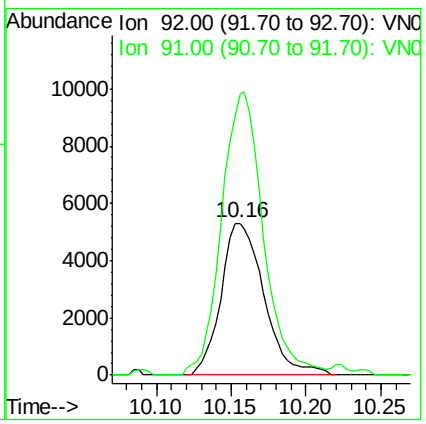
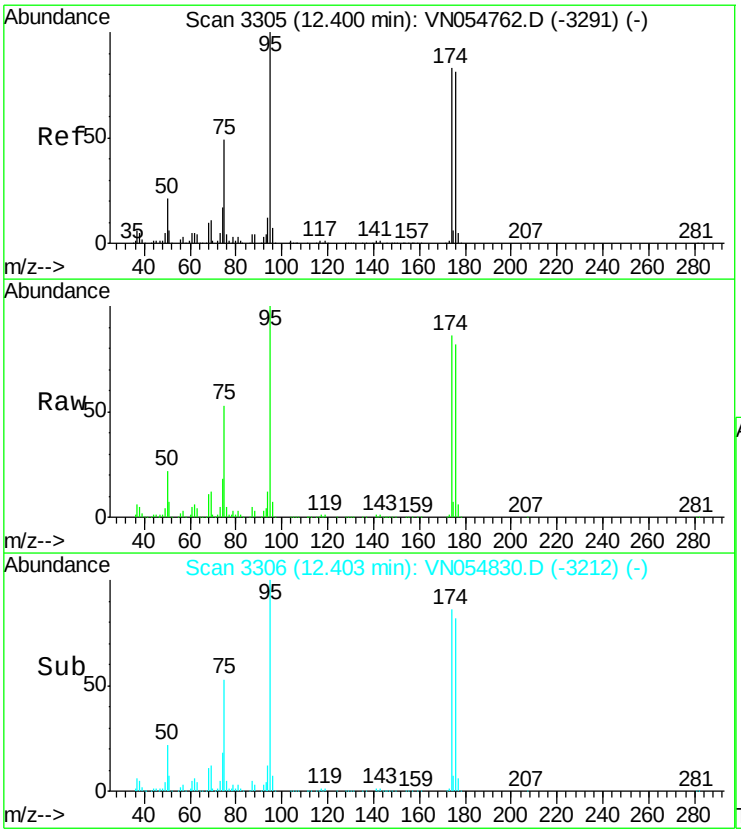
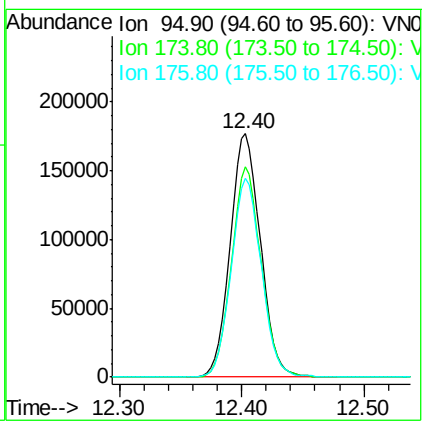


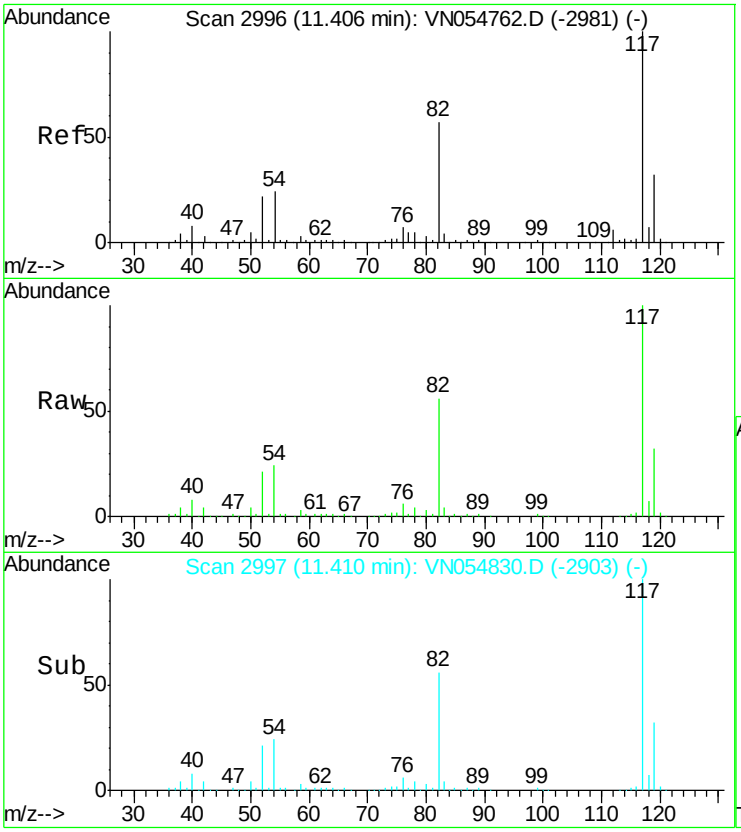


#62
4-Bromofluorobenzene
Concen: 43.788 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 95 Resp: 305026

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	191.0
176	81.2	0.0	187.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:117 Resp: 705689

Ion	Ratio	Lower	Upper
117	100		
82	55.7	40.0	60.0
119	31.9	25.8	38.6

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations APPROVED
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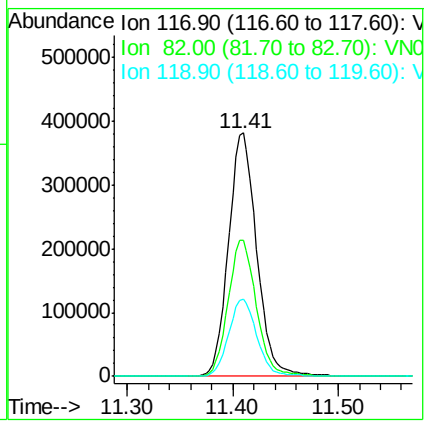
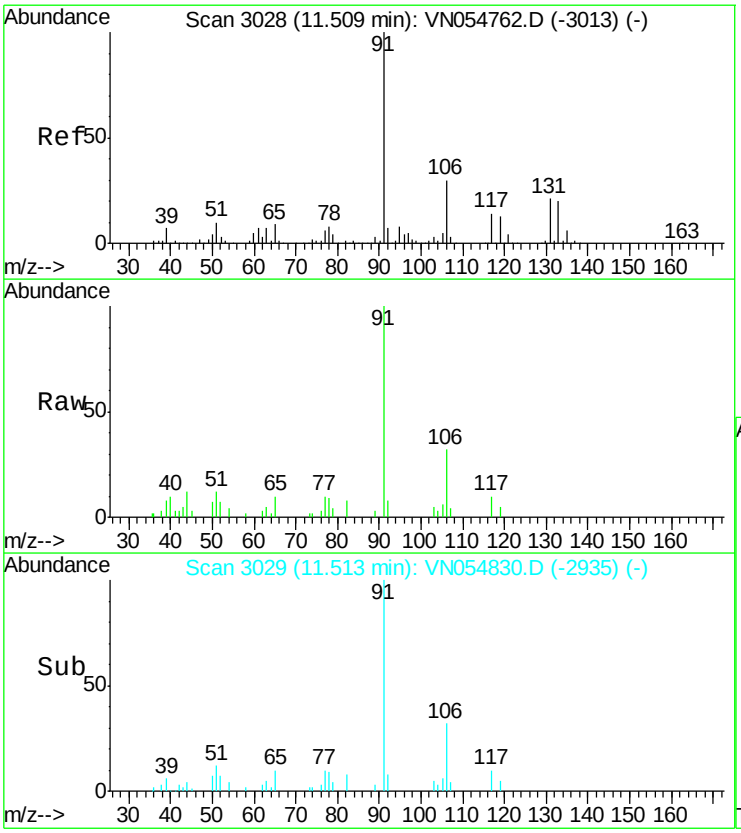
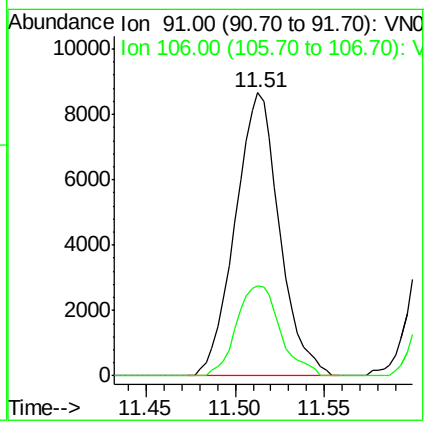


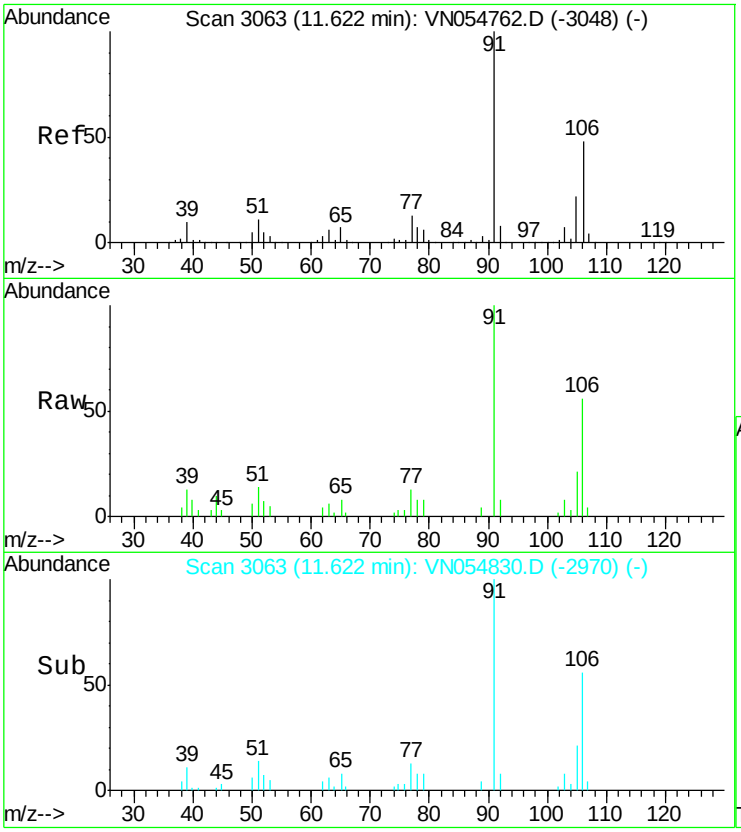


#67
Ethyl Benzene
Concen: 0.603 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion: 91 Resp: 15031

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.5	38.3





#68
m/p-Xylenes
Concen: 1.126 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:106 Resp: 10387

Ion	Ratio	Lower	Upper
106	100		
91	193.4	159.4	239.2

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Manual Integrations APPROVED
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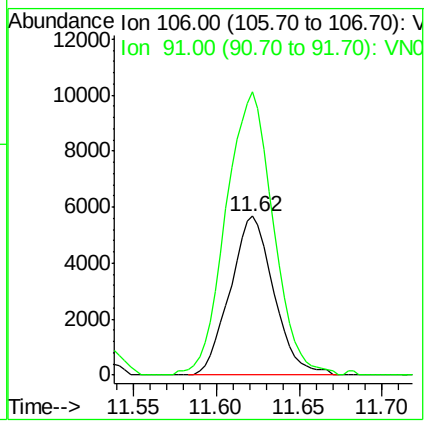
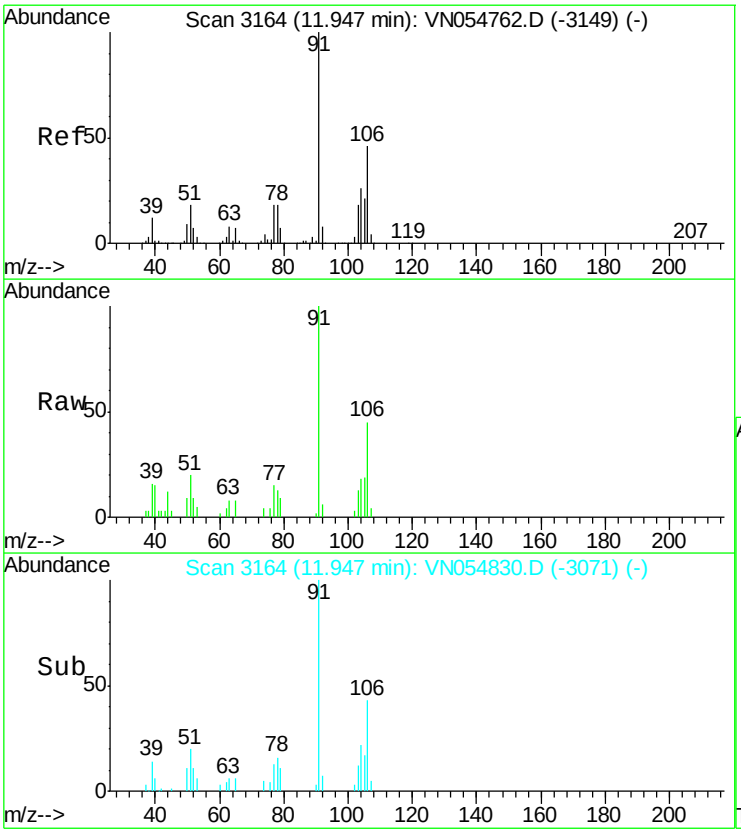
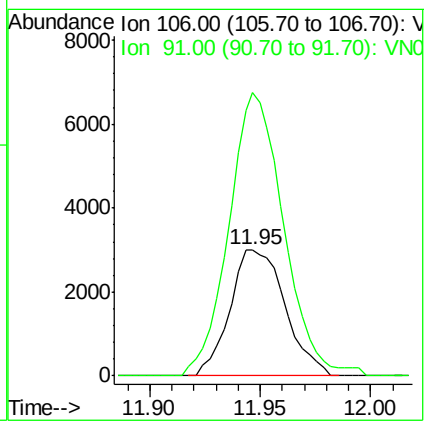


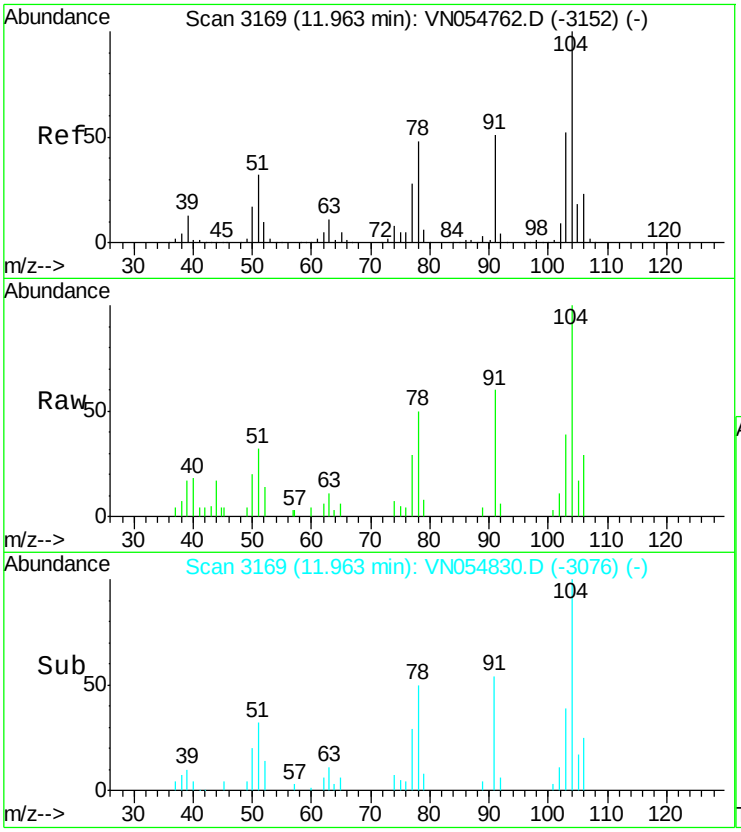


#69
o-Xylene
Concen: 0.576 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:106 Resp: 5214

Ion	Ratio	Lower	Upper
106	100		
91	223.6	105.7	317.1

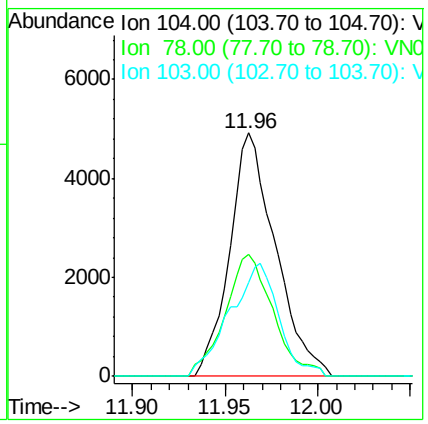




#70
Stvrene
Concen: 0.585 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:104 Resp: 8465

Ion	Ratio	Lower	Upper
104	100		
78	52.0	38.2	57.2
103	49.4	44.4	66.6



Instrument :
MSVOA_N
ClientSampleId :
MW-8

Manual Integrations APPROVED
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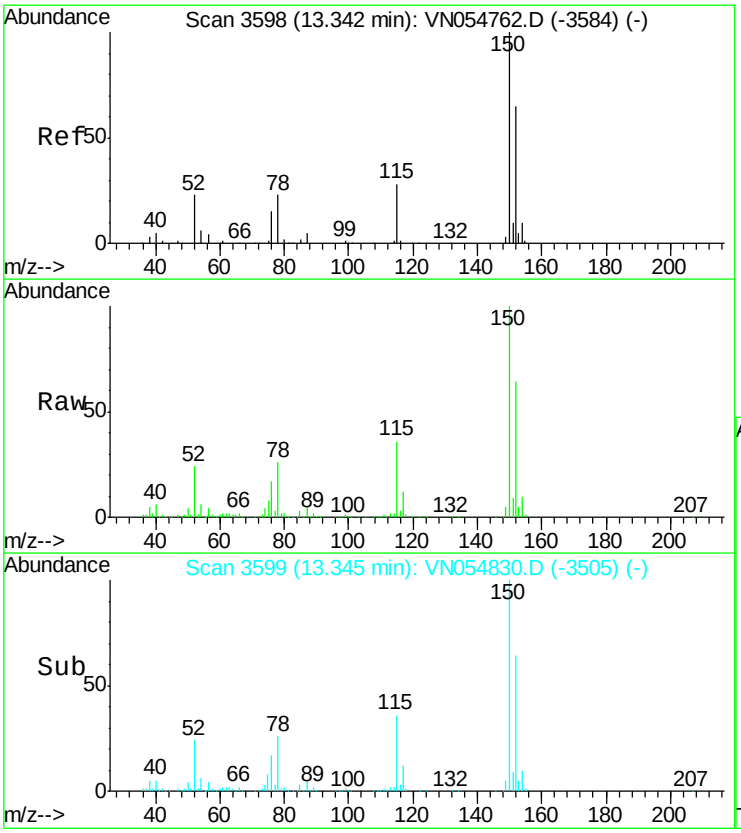
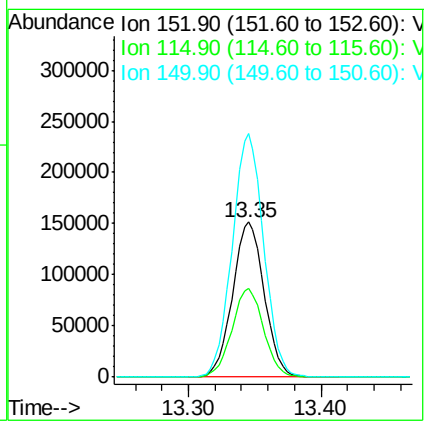
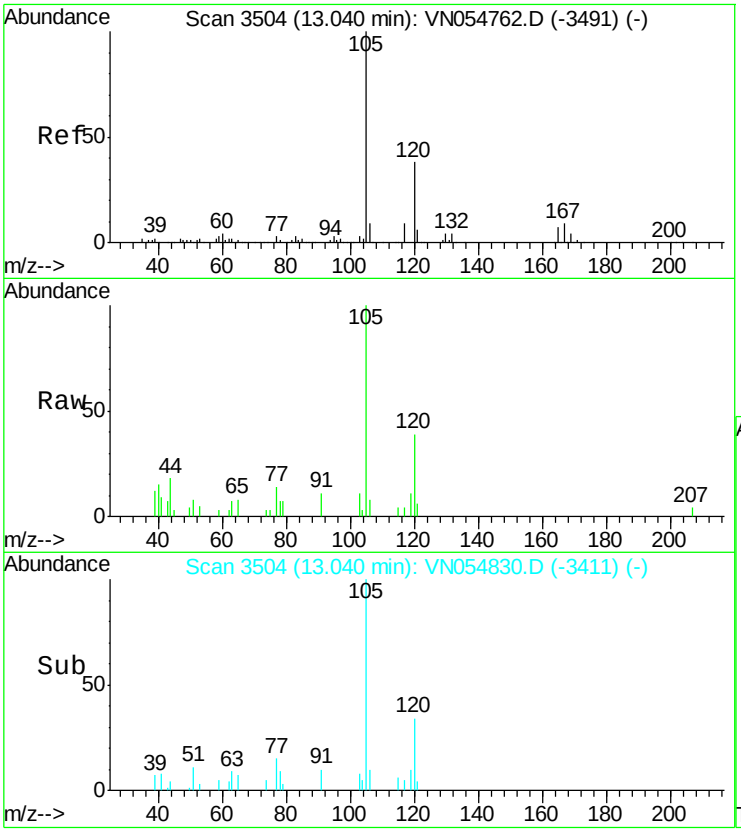


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:152 Resp: 250807

Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.2	81.6
150	156.6	0.0	349.2

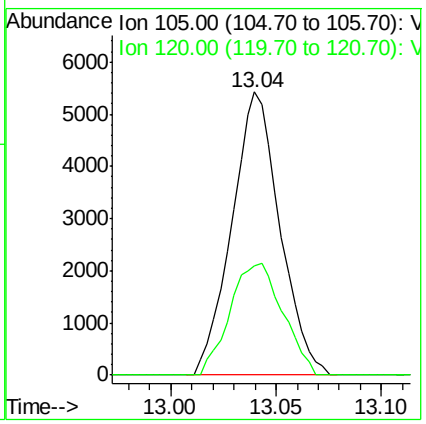




#84
1,2,4-Trimethylbenzene
Concen: 0.535 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054830.D
Acq: 31 Mar 2019 4:24

Tgt Ion:105 Resp: 8575

Ion	Ratio	Lower	Upper
105	100		
120	43.2	23.4	70.3



Instrument :
MSVOA_N
ClientSampleId :
MW-8

Manual Integrations APPROVED
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