Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053143.D
Acq On : 22 Dec 2018 19:52
Operator : MD\SY
Sample : J6446-01 10X
Misc : 3.72g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

Manual Integrations APPROVED
MMDadoda
12/24/2018 12:20:52 PM

Quant Time: Dec 24 01:09:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1219958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1876603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1713116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	788029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	595860	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.26%			
35) Dibromofluoromethane	7.59	113	499049	58.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.44%			
50) Toluene-d8	10.09	98	2303676	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.12%			
62) 4-Bromofluorobenzene	12.40	95	817235	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.18%			
Target Compounds						Qvalue
16) Acetone	3.82	43	2135	0.880	ug/l #	70
18) Methyl Acetate	4.32	43	5769m	1.505	ug/l	
20) Methylene Chloride	4.55	84	7171	0.542	ug/l #	82
52) Toluene	10.16	92	8255	0.249	ug/l	86
68) m/p-Xylenes	11.62	106	16233	0.654	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	17233	0.343	ug/l	78
84) 1,2,4-Trimethylbenzene	13.04	105	44977	0.890	ug/l	100
95) Naphthalene	15.13	128	29371	2.073	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\VN122218\
Data File : VN053143.D
Acq On : 22 Dec 2018 19:52
Operator : MD\SY
Sample : J6446-01 10X
Misc : 3.72g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Quant Time: Dec 24 01:09:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

Manual Integrations APPROVED
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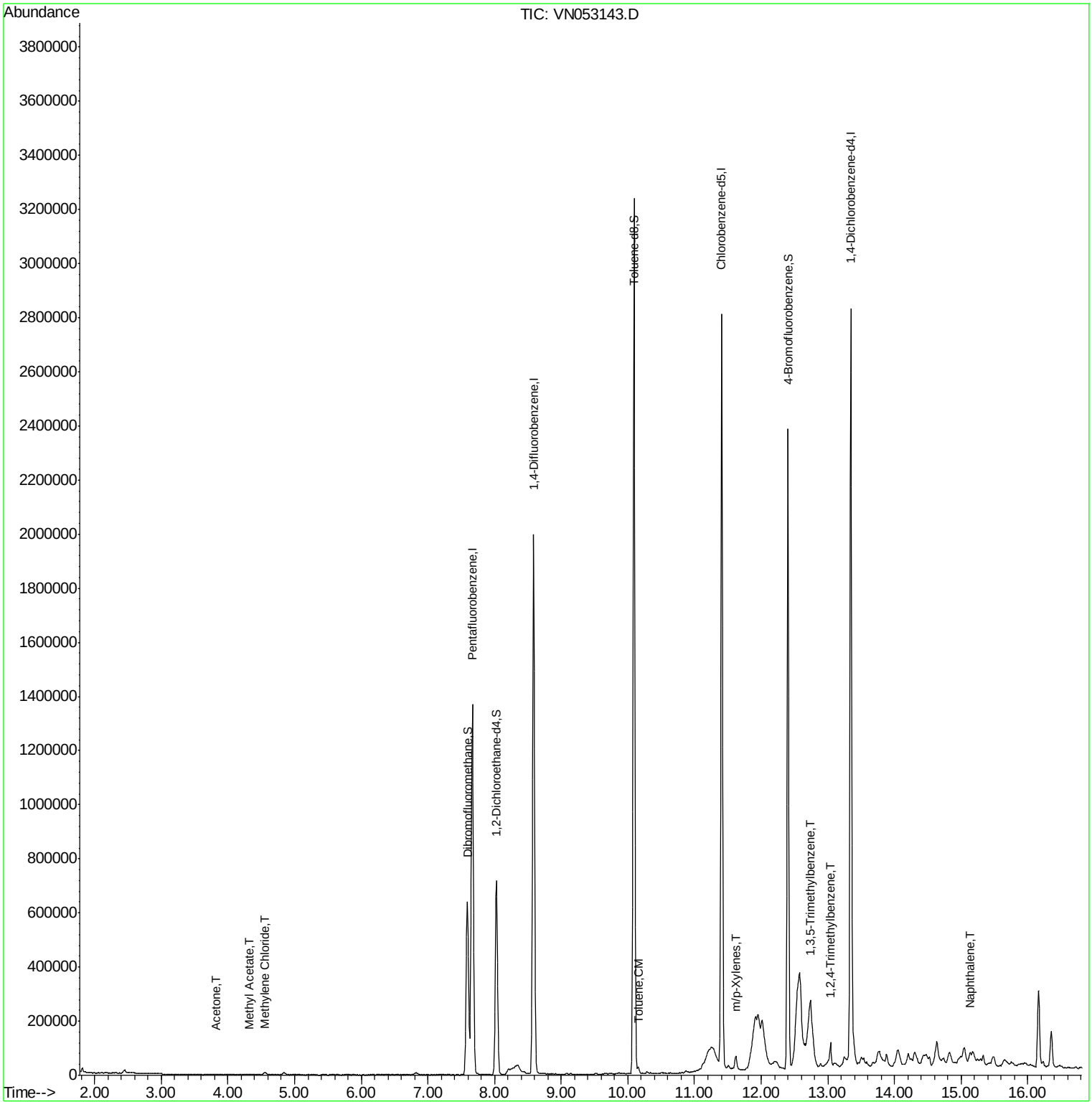

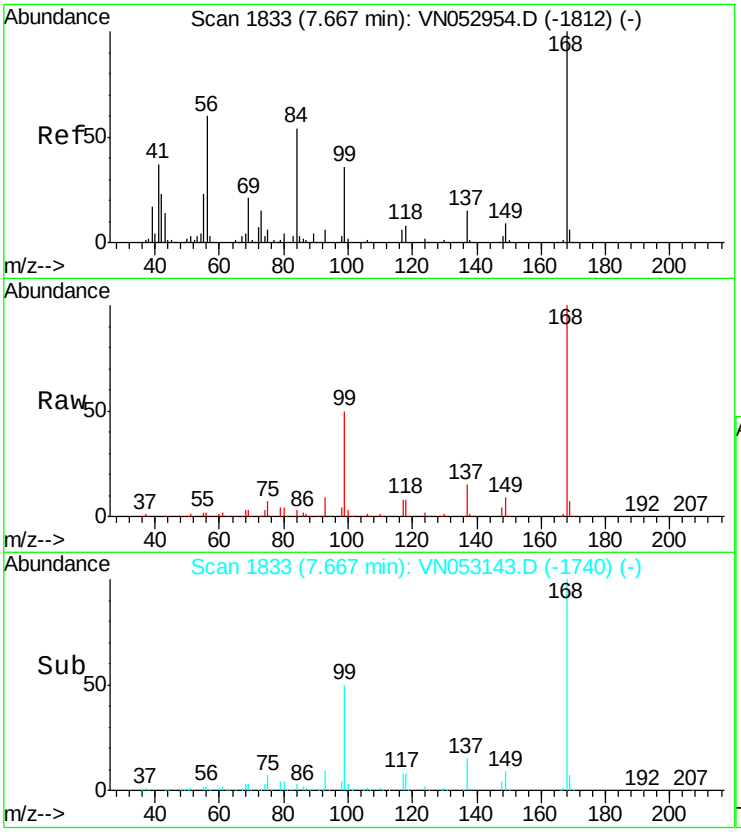

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:168 Resp: 1219958

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.2	60.2

Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

Manual Integrations APPROVED
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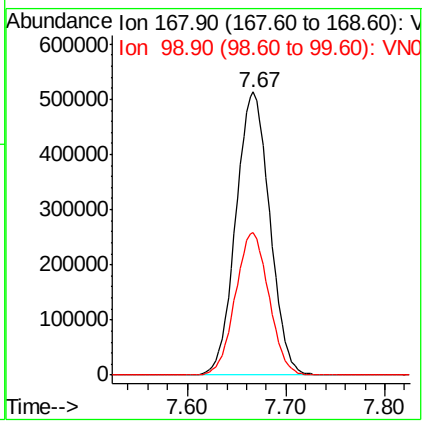
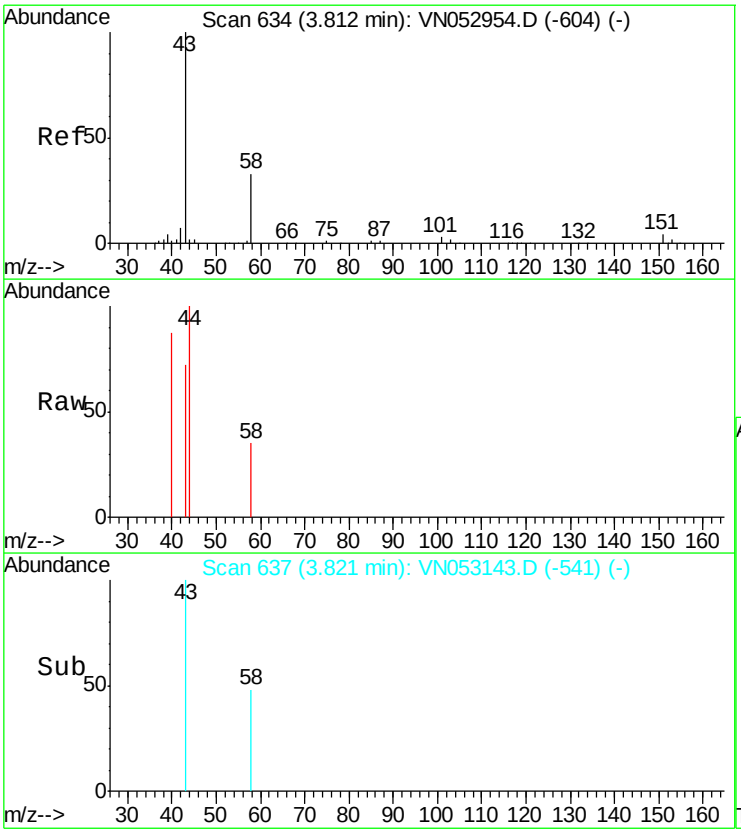
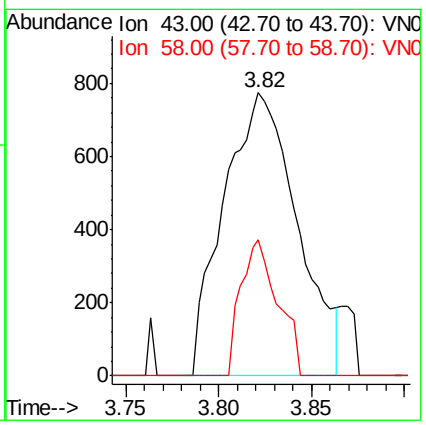


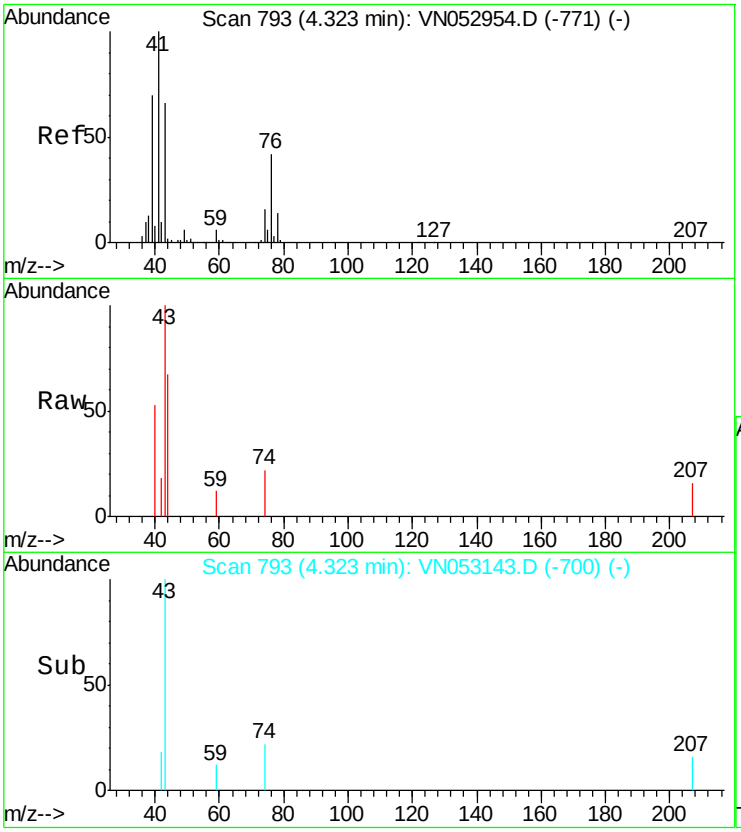


#16
Acetone
Concen: 0.880 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion: 43 Resp: 2135

Ion	Ratio	Lower	Upper
43	100		
58	48.3	25.4	38.0#





#18
Methyl Acetate
Concen: 1.505 ug/l m
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion: 43 Resp: 5769

Ion	Ratio	Lower	Upper
43	100		
74	9.8	19.2	28.8#

Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

Manual Integrations APPROVED
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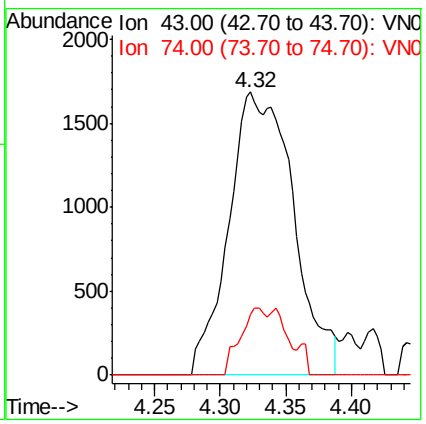
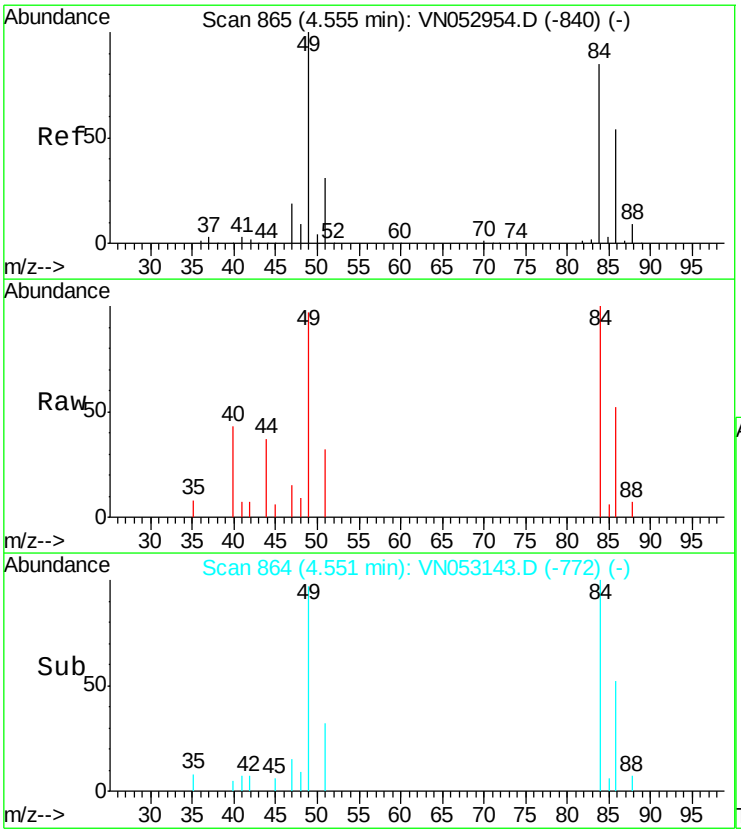
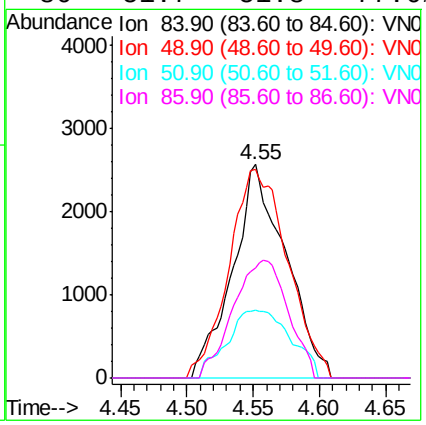


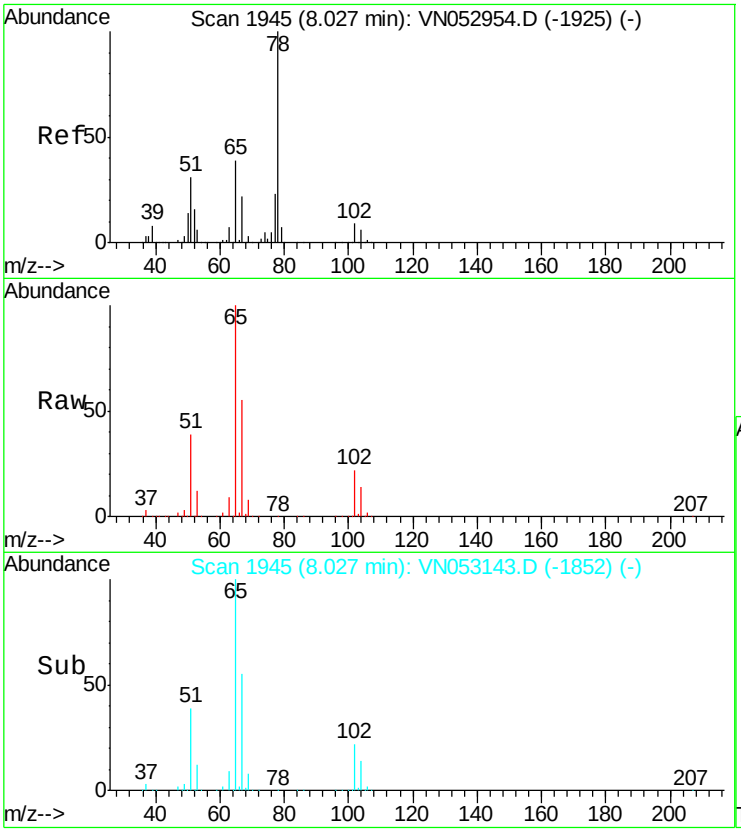


#20
Methylene Chloride
Concen: 0.542 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion: 84 Resp: 7171

Ion	Ratio	Lower	Upper
84	100		
49	97.5	96.8	145.2
51	31.6	29.9	44.9
86	51.7	51.8	77.6#

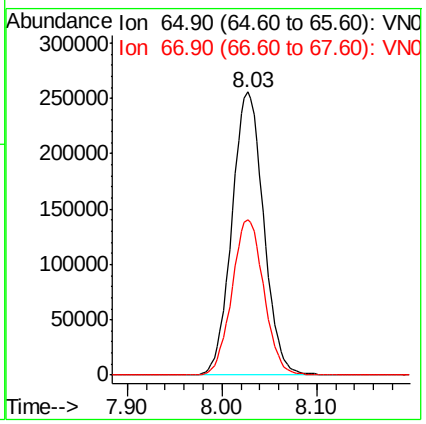




#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion: 65 Resp: 595860

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.4



Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

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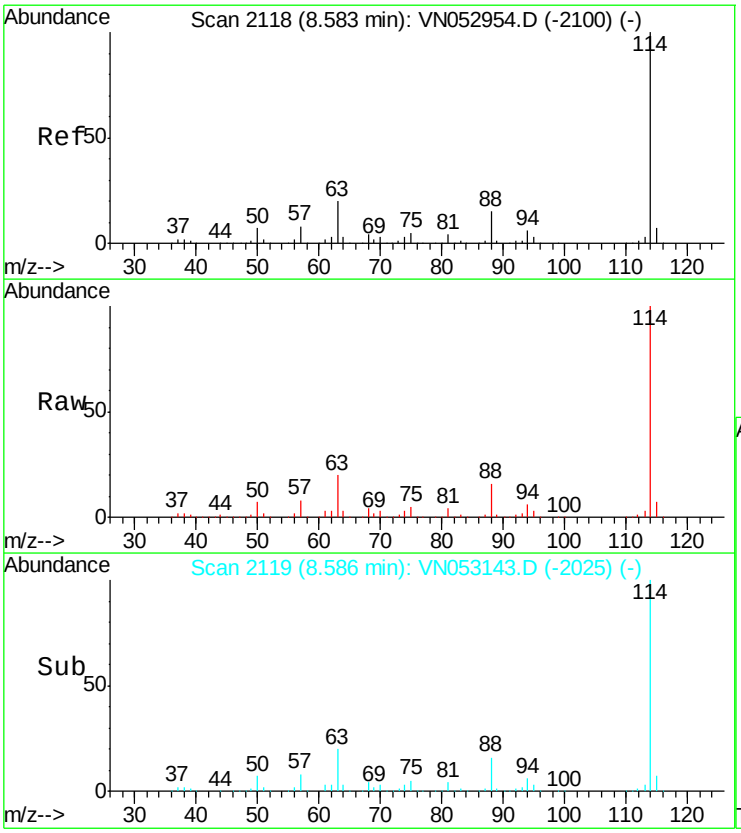
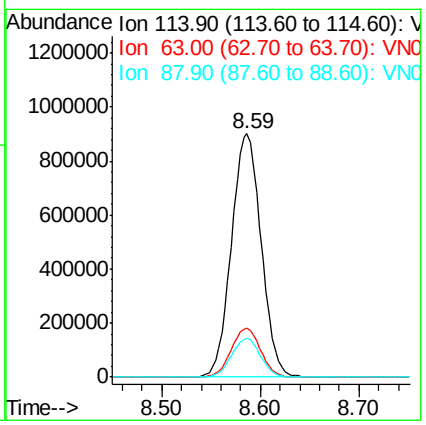
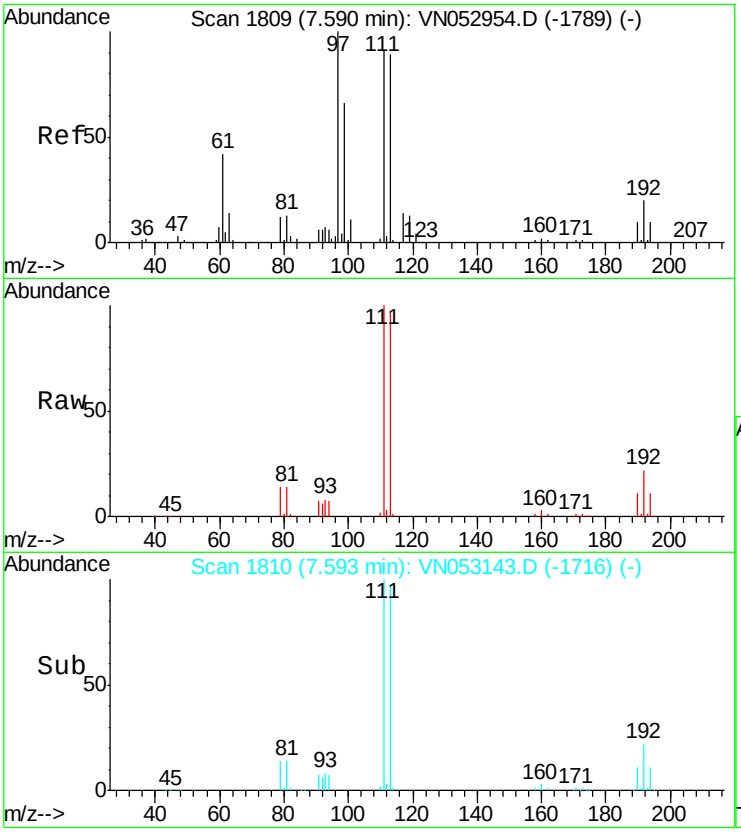


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:114 Resp: 1876603

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.8	0.0	31.0

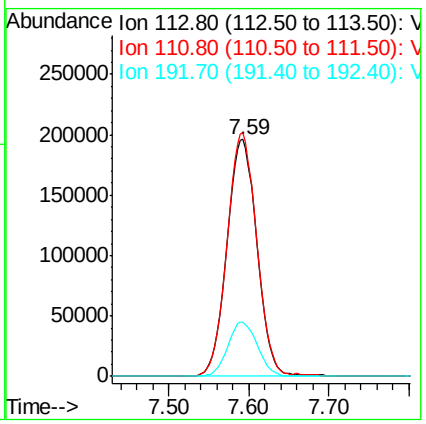




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:113 Resp: 499049

Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.4
192	22.6	17.5	26.3



Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

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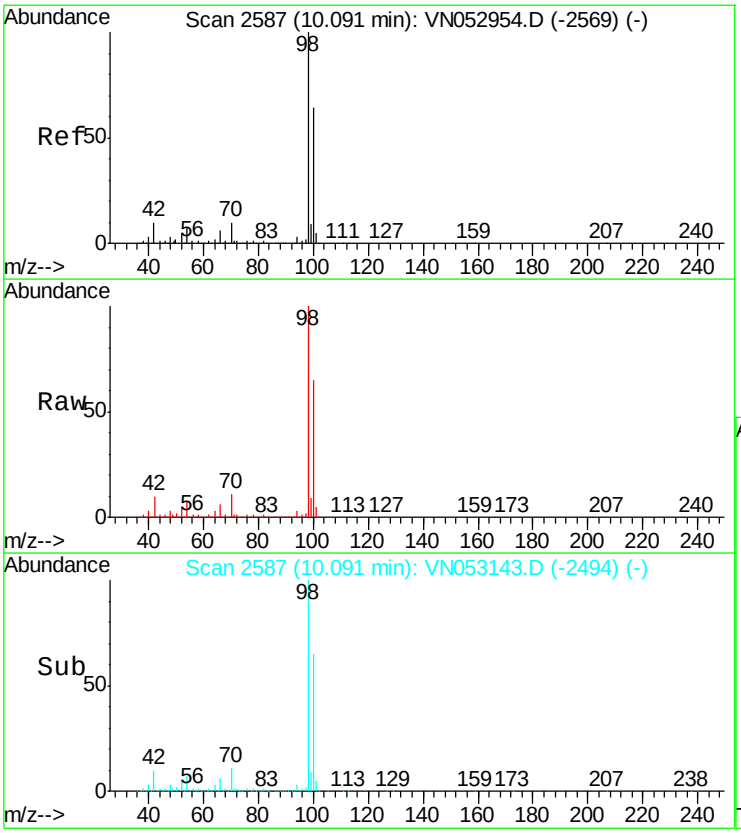
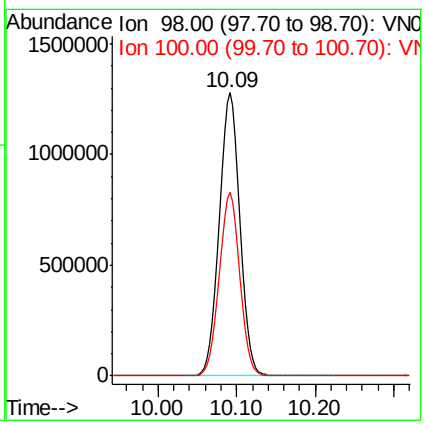
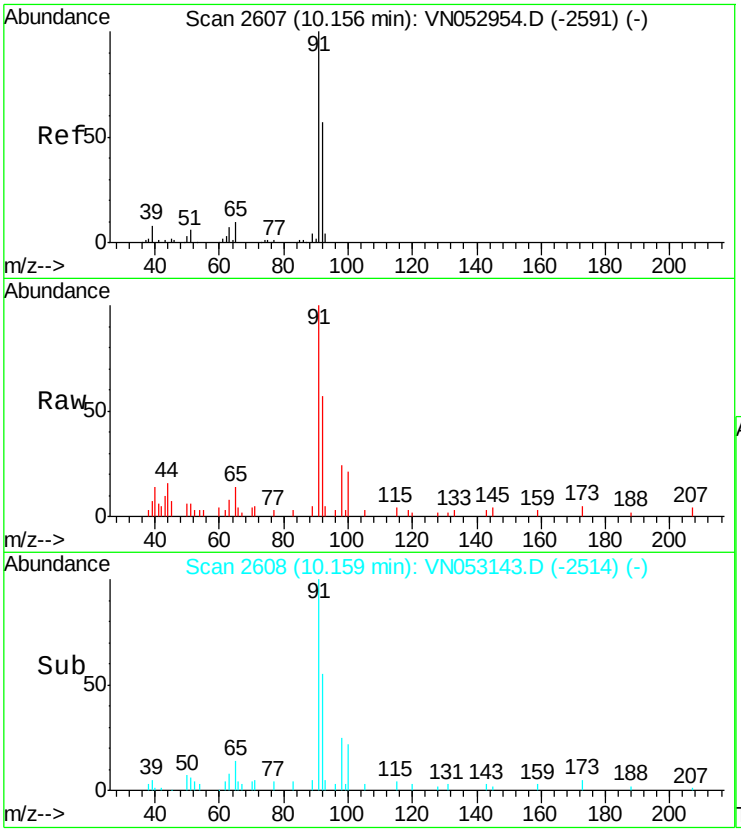


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion: 98 Resp: 2303676

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#52
Toluene
Concen: 0.249 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion: 92 Resp: 8255

Ion	Ratio	Lower	Upper
92	100		
91	155.6	139.8	209.6

Instrument :
MSVOA_N
ClientSampleId :
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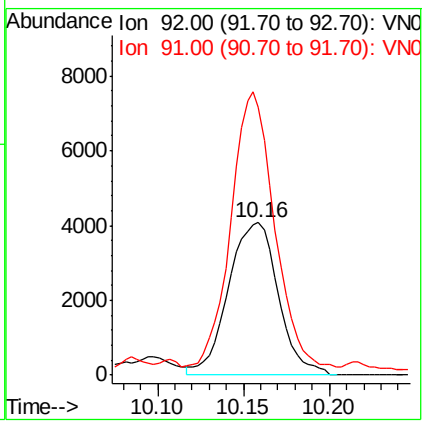
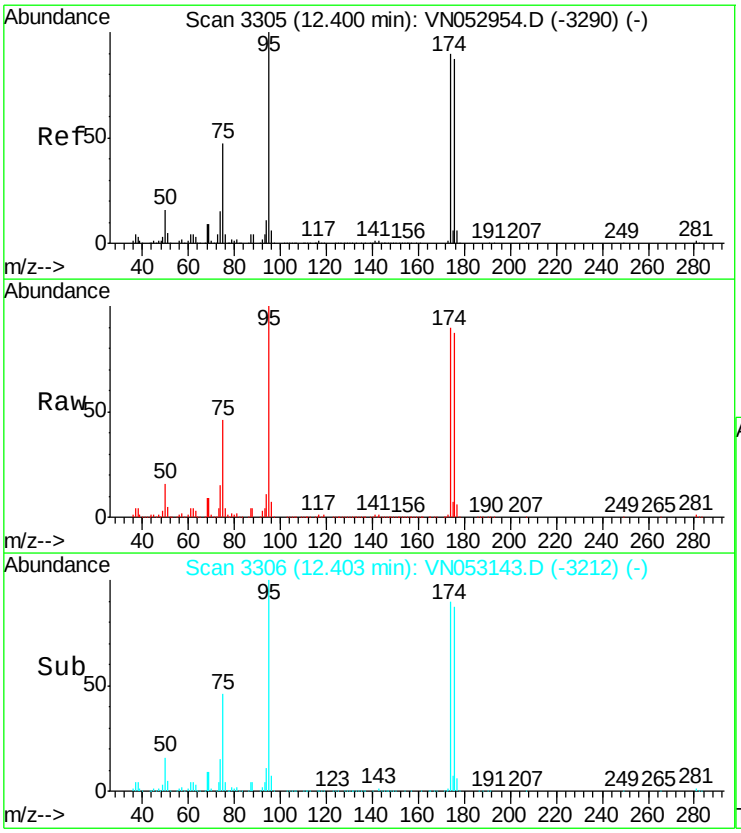
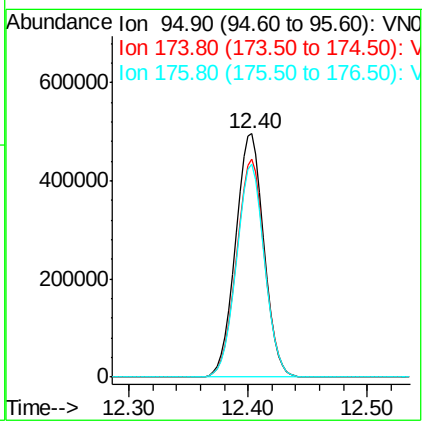


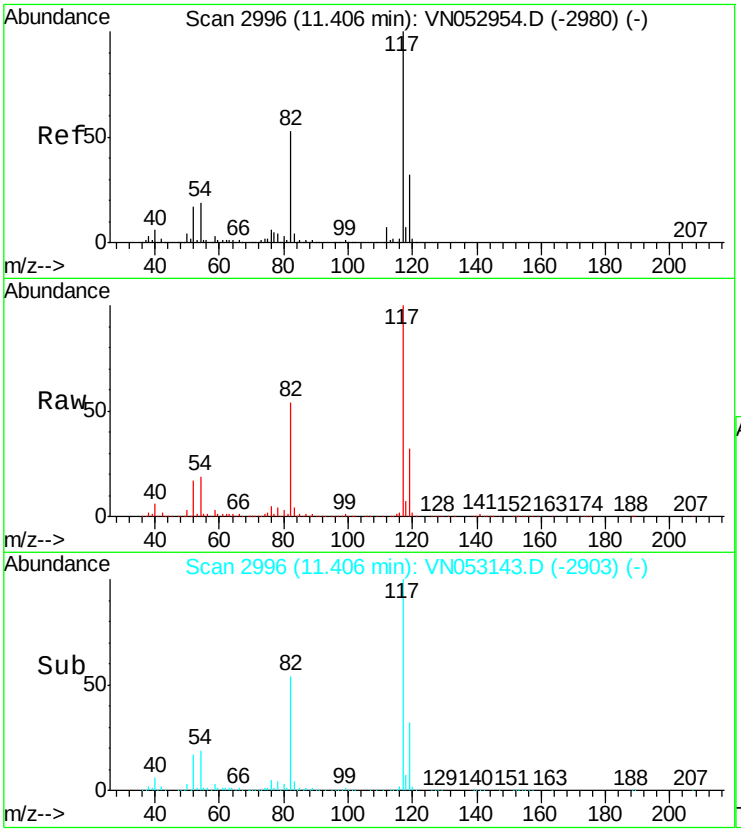


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion: 95 Resp: 817235

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	178.8
176	86.5	0.0	173.8

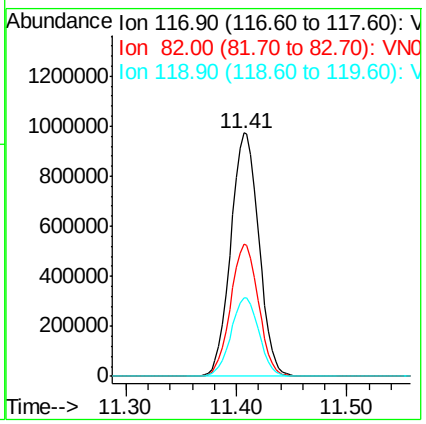




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:117 Resp: 1713116

Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.8	64.2
119	32.1	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

Manual Integrations APPROVED
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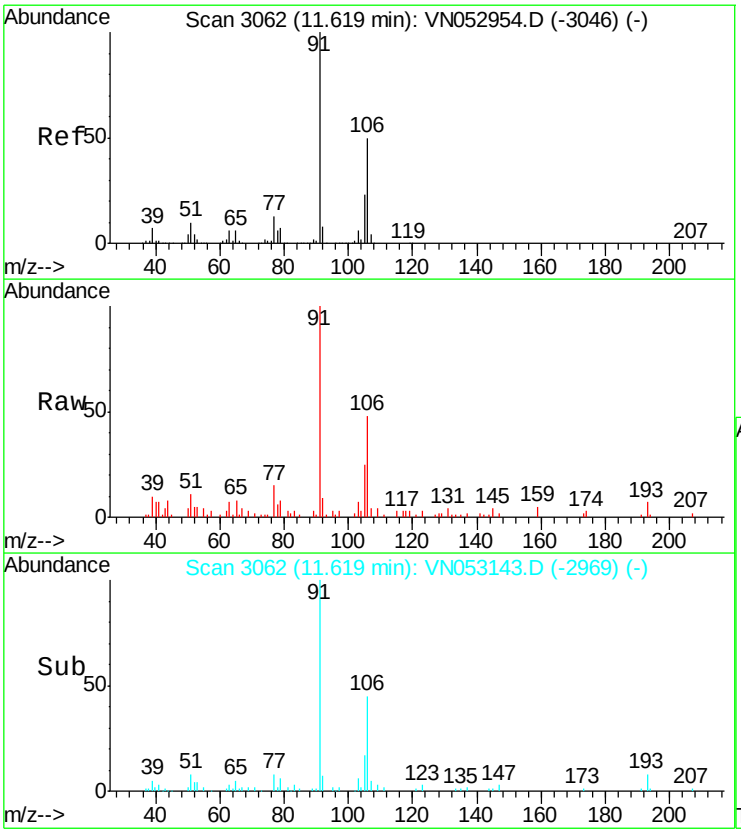
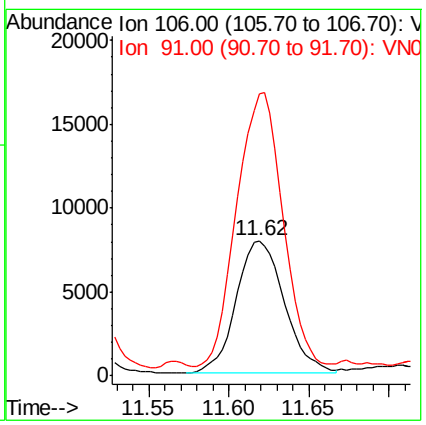
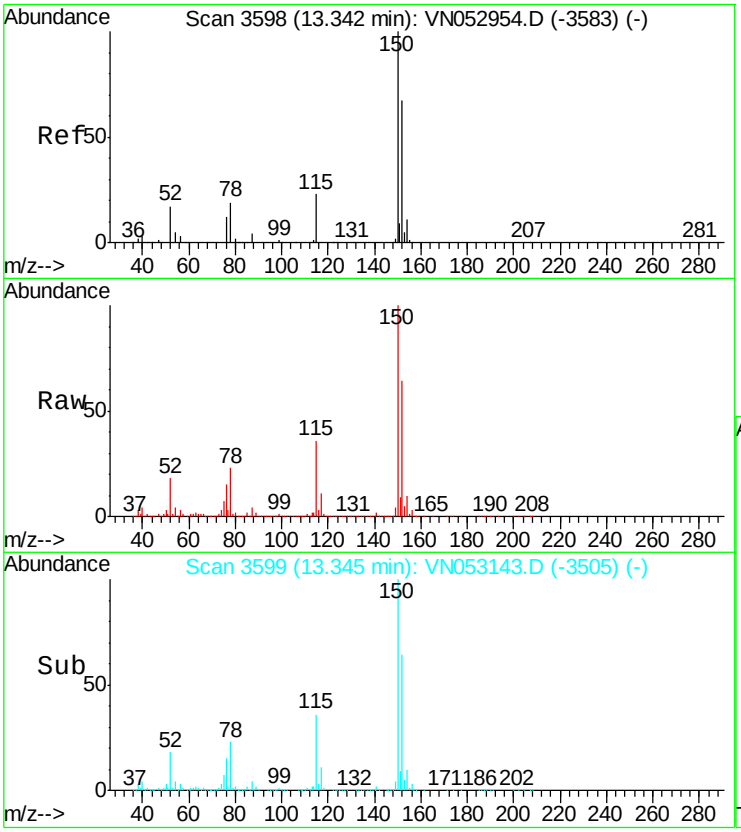


#68
m/p-Xylenes
Concen: 0.654 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:106 Resp: 16233

Ion	Ratio	Lower	Upper
106	100		
91	196.8	162.2	243.4

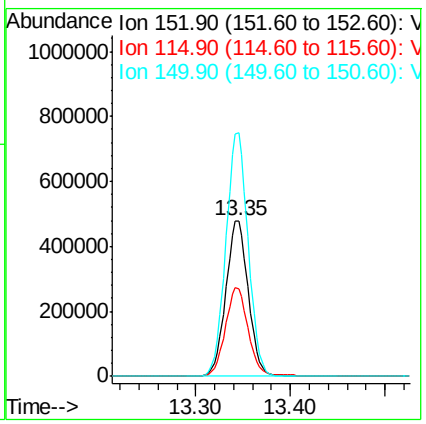




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:152 Resp: 788029

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.3	85.0
150	155.1	0.0	347.8



Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

Manual Integrations APPROVED
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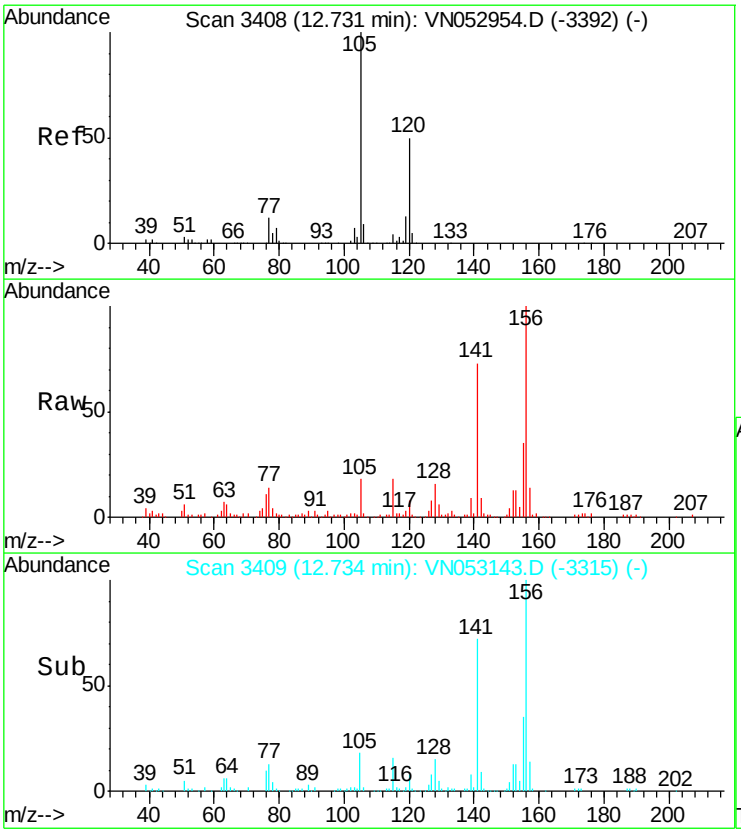
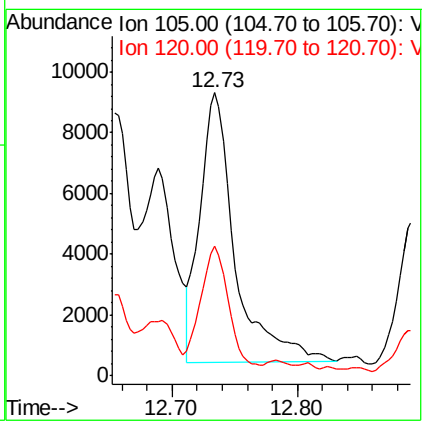
12/24/2018 12:20:52 PM

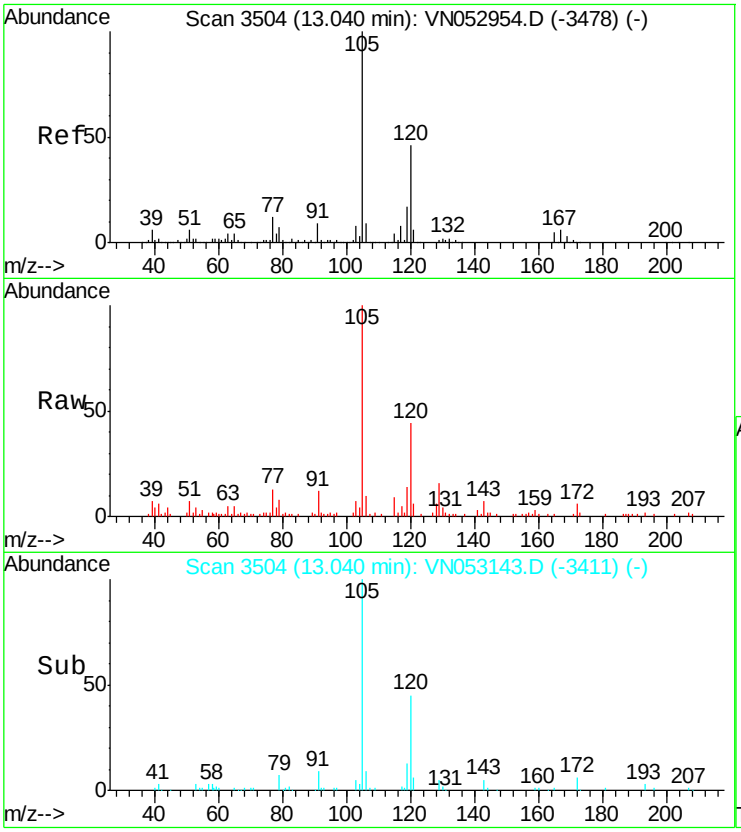


#80
1,3,5-Trimethylbenzene
Concen: 0.343 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:105 Resp: 17233

Ion	Ratio	Lower	Upper
105	100		
120	33.8	24.4	73.2

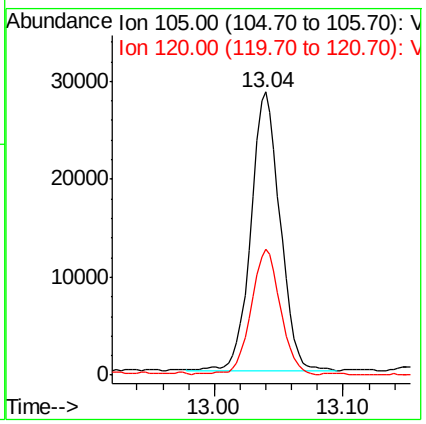




#84
1,2,4-Trimethylbenzene
Concen: 0.890 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:105 Resp: 44977

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.8



Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-02

Manual Integrations APPROVED
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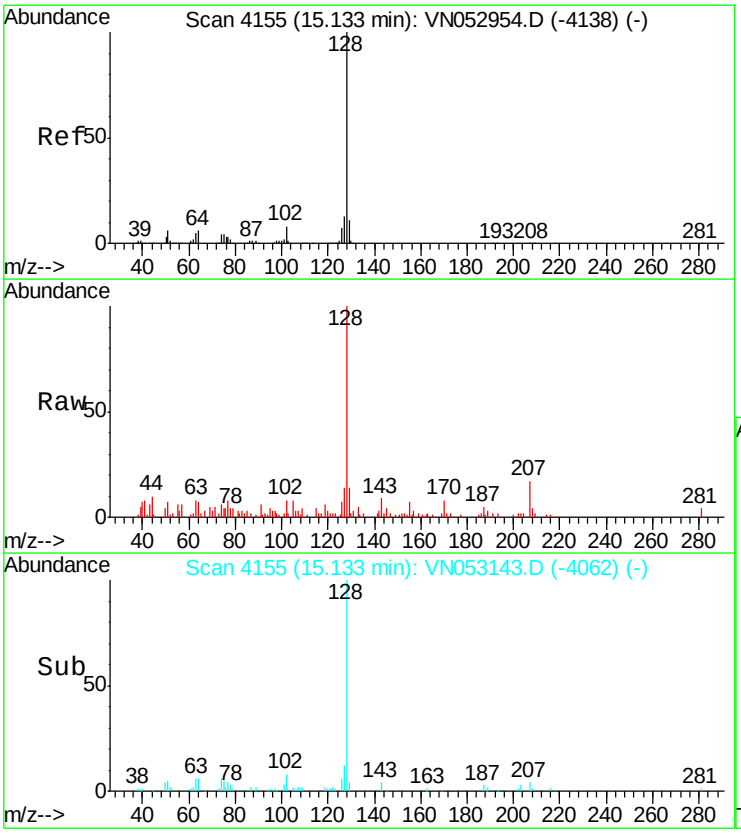
12/24/2018 12:20:52 PM



#95
Naphthalene
Concen: 2.073 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053143.D
Acq: 22 Dec 2018 19:52

Tgt Ion:128 Resp: 29371

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.2	8.6	13.0