Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053136.D
Acq On : 22 Dec 2018 16:45
Operator : MD\SY
Sample : J6392-22ME
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
MMDadoda
12/24/2018 12:22:08 PM

Quant Time: Dec 24 00:17:00 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	7.66	168	1213752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1820051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1527477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	707599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	552255	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.68%		
35) Dibromofluoromethane	7.59	113	451513	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.62%		
50) Toluene-d8	10.09	98	2373814	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.38%		
62) 4-Bromofluorobenzene	12.40	95	736519	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.02%		
Target Compounds						Qvalue
31) Cyclohexane	7.64	56	1142516	53.674	ug/l #	60
39) Methylcyclohexane	9.08	83	3352423	157.971	ug/l	91
40) Benzene	8.04	78	547078	10.528	ug/l	98
52) Toluene	10.16	92	57417	1.783	ug/l	99
67) Ethyl Benzene	11.50	91	17617381m	302.548	ug/l	
68) m/p-Xylenes	11.63	106	8888390	401.525	ug/l	91
69) o-Xylene	11.95	106	7285605	342.984	ug/l	95
73) Isopropylbenzene	12.25	105	7099931	128.242	ug/l	99
78) n-propylbenzene	12.59	91	12683967	201.161	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	12823057	284.161	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	21647763m	477.198	ug/l	
85) sec-Butylbenzene	13.17	105	1271709	23.558	ug/l #	49
86) p-Isopropyltoluene	13.29	119	766231	16.427	ug/l	100
89) n-Butylbenzene	13.62	91	2144436	53.438	ug/l #	73
95) Naphthalene	15.13	128	4587191	162.248	ug/l	100

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

Quantitation Report (QT Reviewed)

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Data File : VN053136.D
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Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
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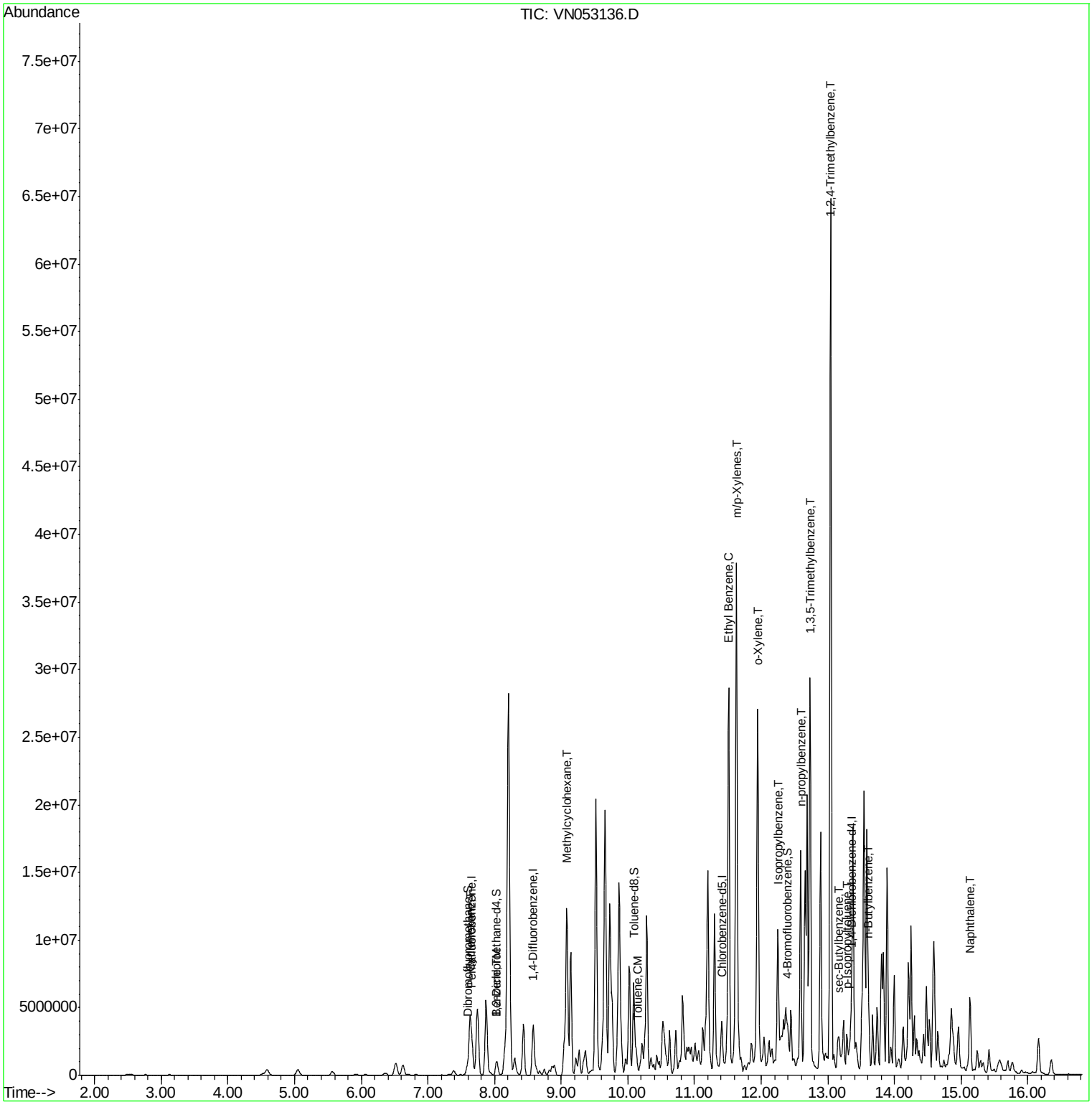
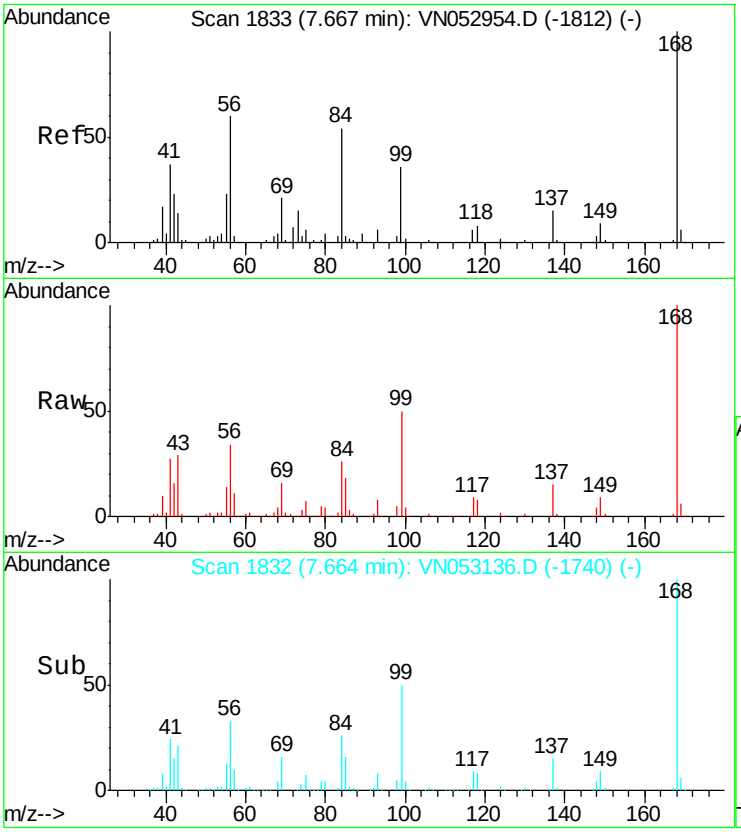
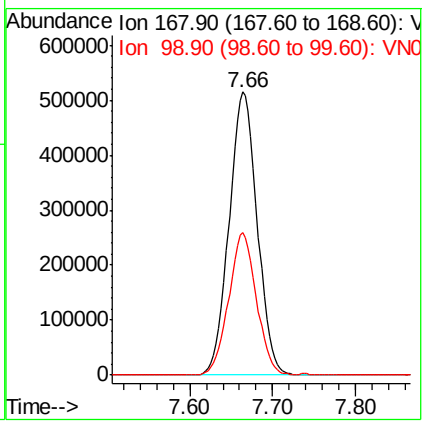




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:168 Resp: 1213752

Ion	Ratio	Lower	Upper
168	100		
99	50.2	40.2	60.2



Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
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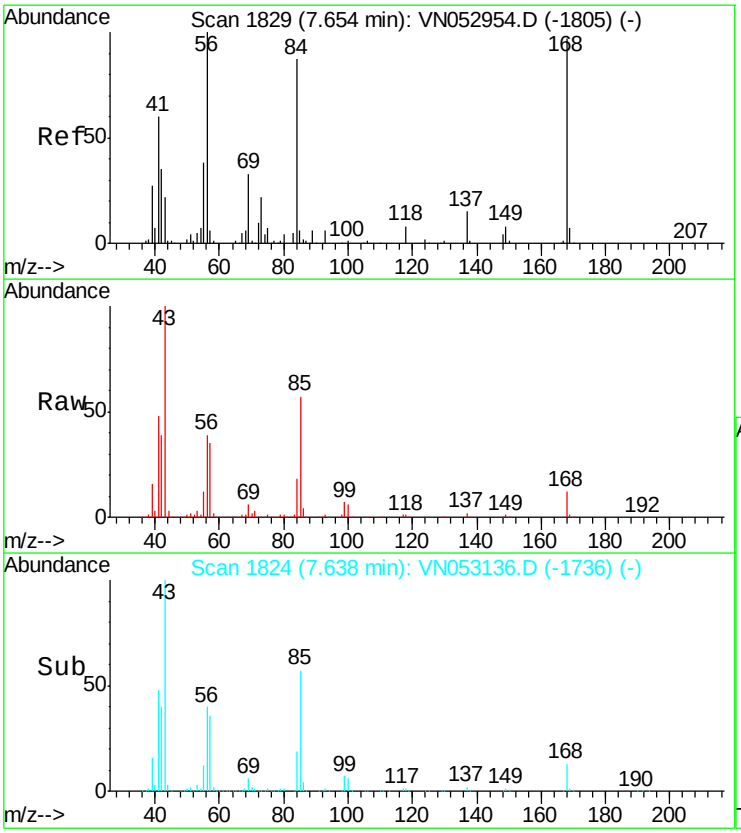
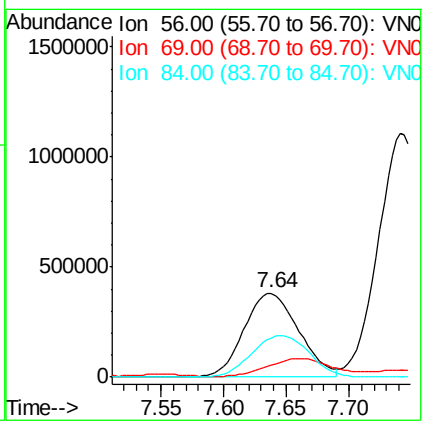
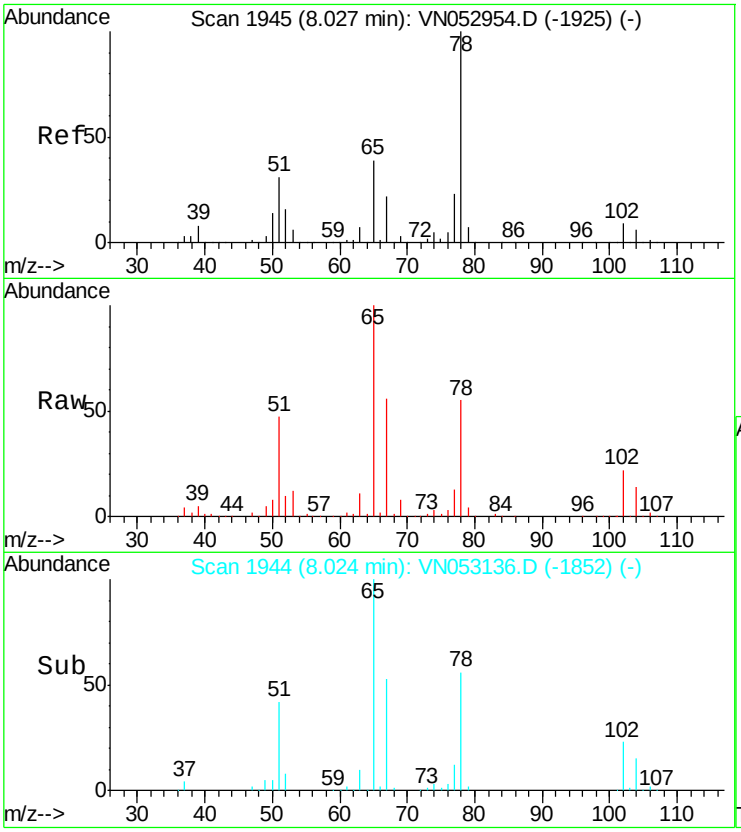


#31
Cyclohexane
Concen: 53.674 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.02 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 56 Resp: 1142516

Ion	Ratio	Lower	Upper
56	100		
69	12.6	26.6	39.8#
84	47.0	68.4	102.6#

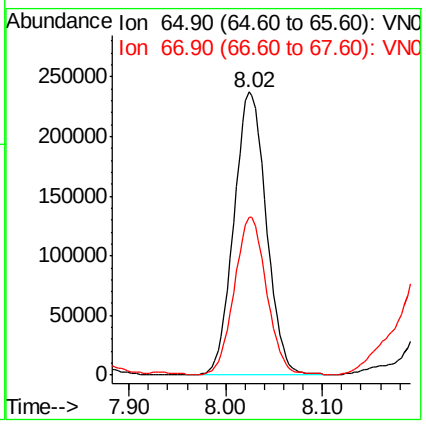




#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 65 Resp: 552255

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.4



Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
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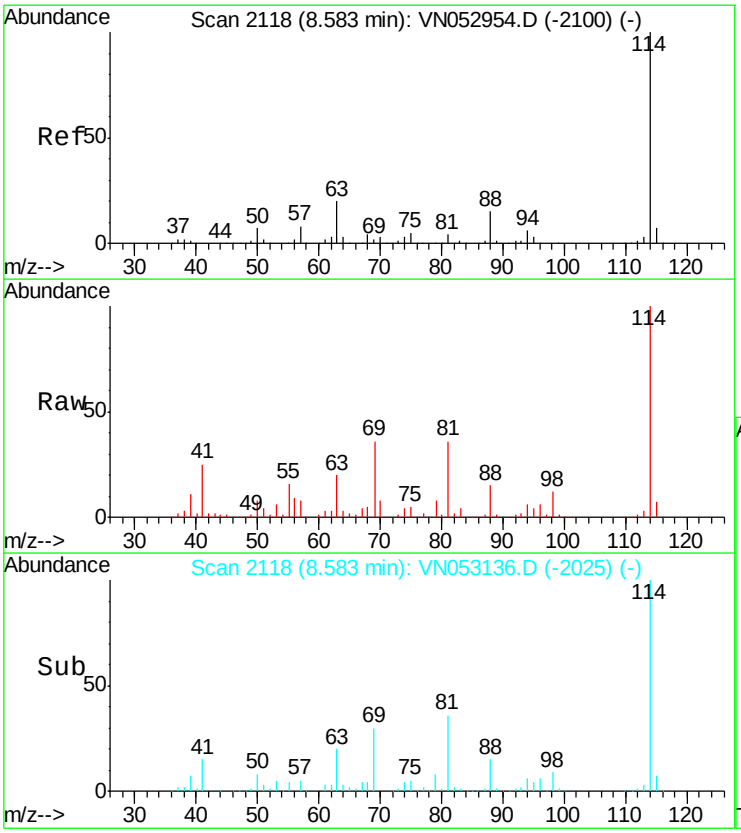
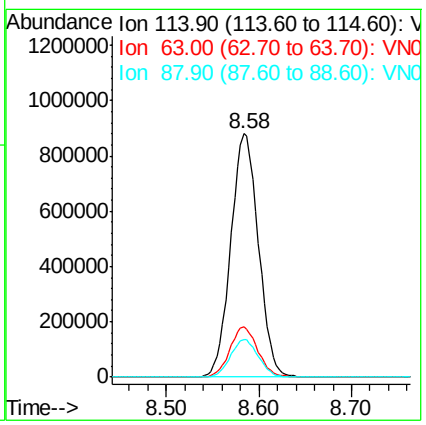
12/24/2018 12:22:08 PM

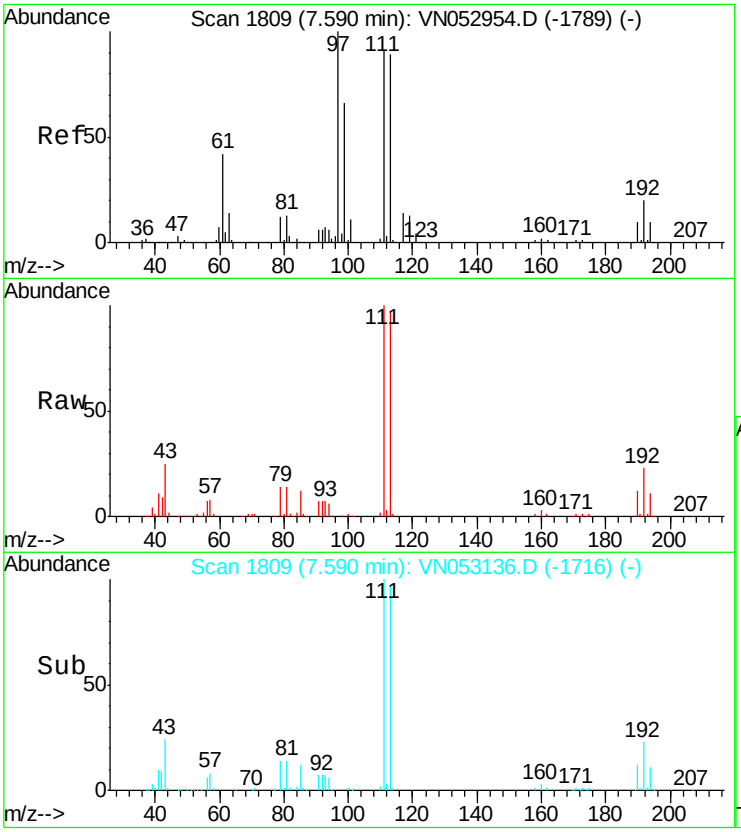


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:114 Resp: 1820051

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.5	0.0	31.0

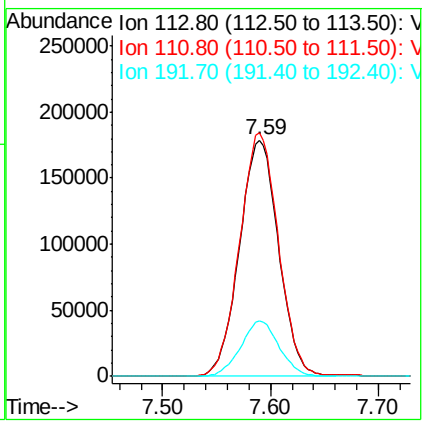




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:113 Resp: 451513

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.9	17.5	26.3



Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
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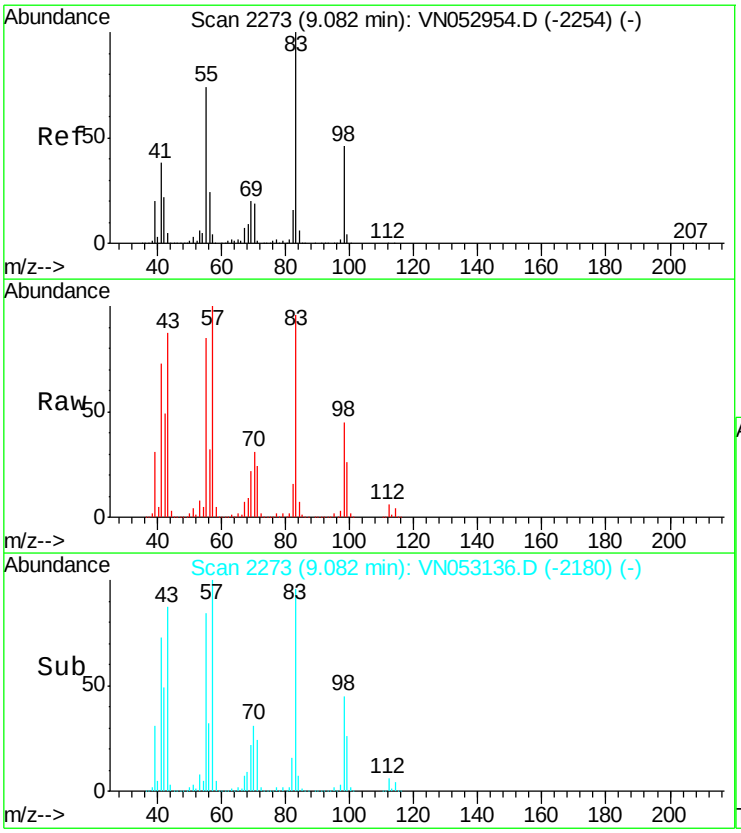
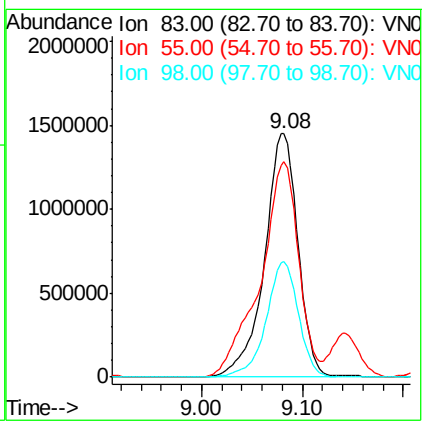
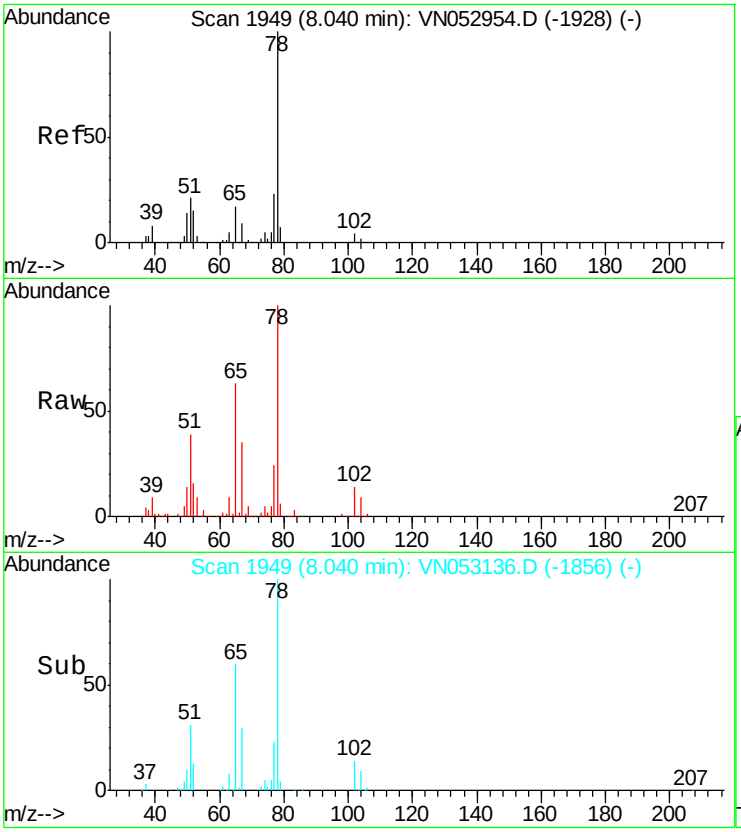


#39
Methylcyclohexane
Concen: 157.971 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 83 Resp: 3352423

Ion	Ratio	Lower	Upper
83	100		
55	88.4	61.3	91.9
98	47.4	37.0	55.4

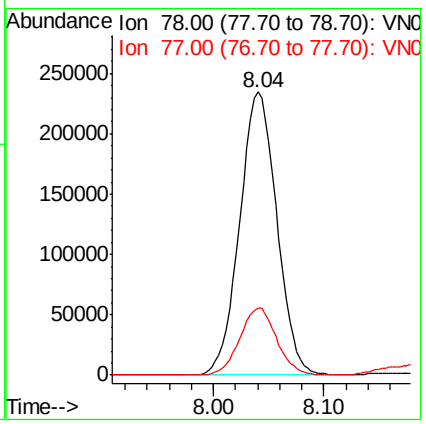




#40
Benzene
Concen: 10.528 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 78 Resp: 547078

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.5	27.7



Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
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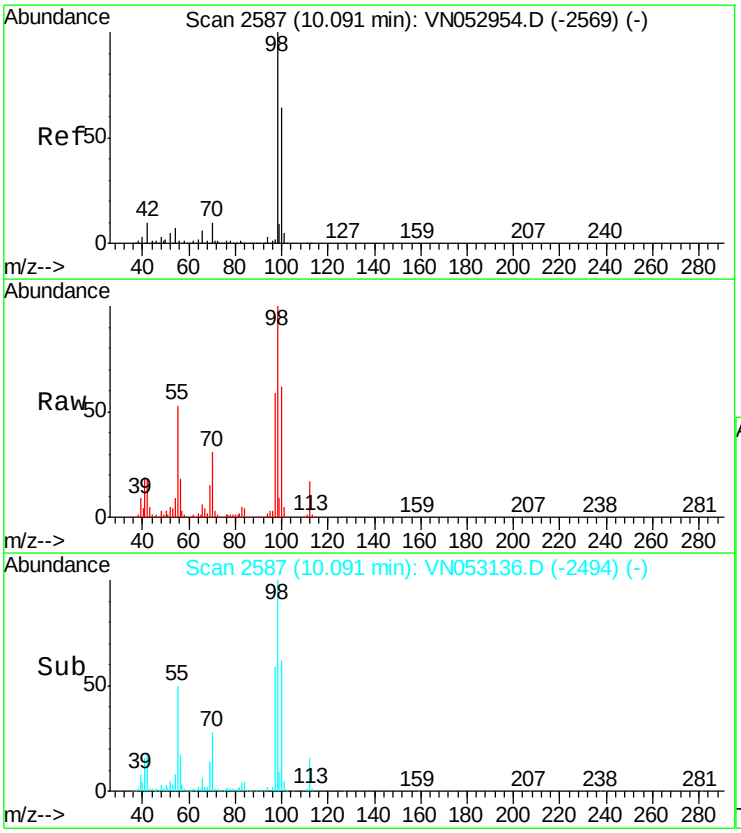
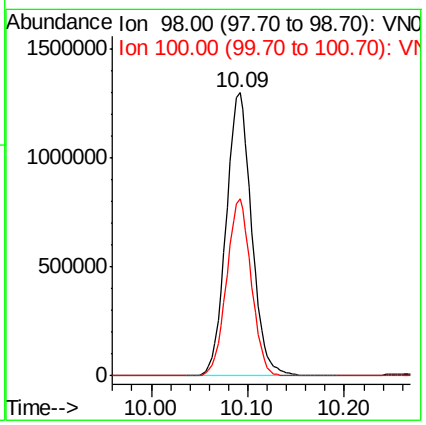
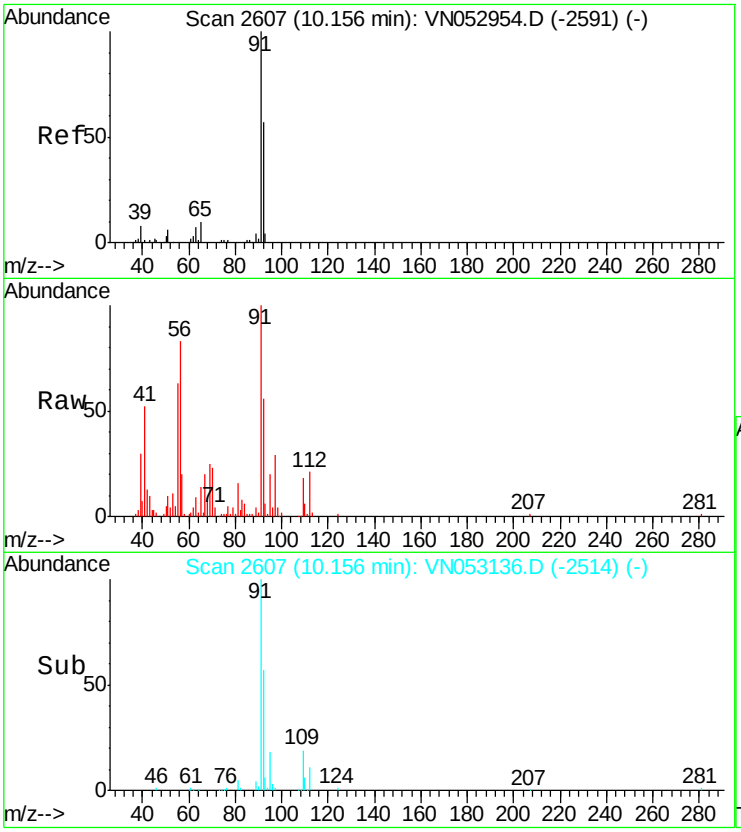


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 98 Resp: 2373814

Ion	Ratio	Lower	Upper
98	100		
100	60.5	51.6	77.4





#52
Toluene
Concen: 1.783 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 92 Resp: 57417

Ion	Ratio	Lower	Upper
92	100		
91	176.1	139.8	209.6

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
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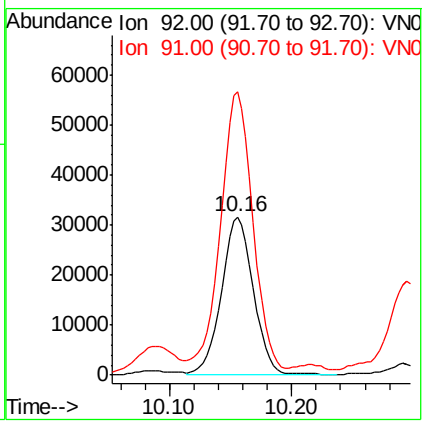
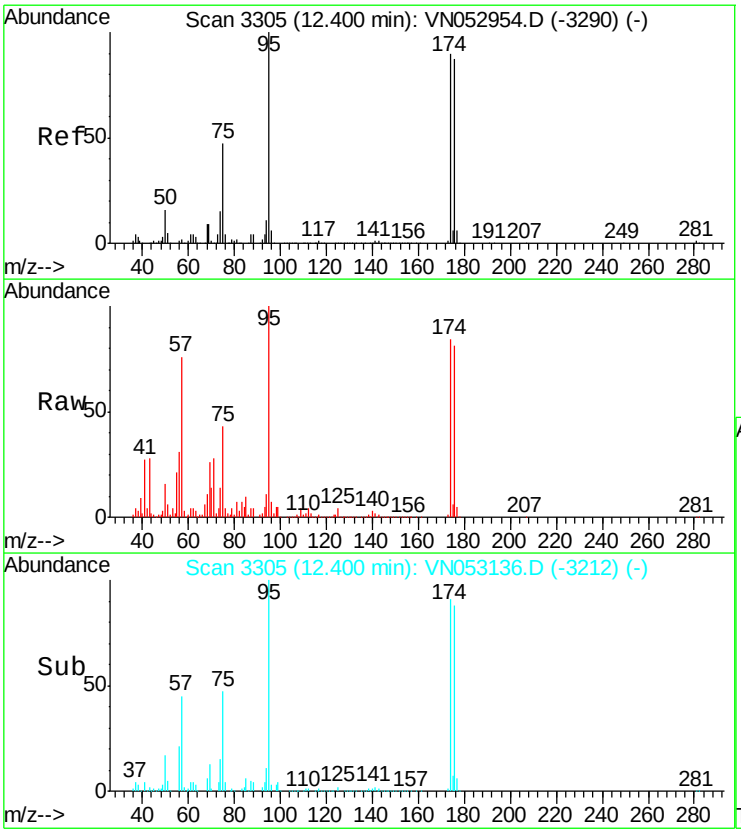
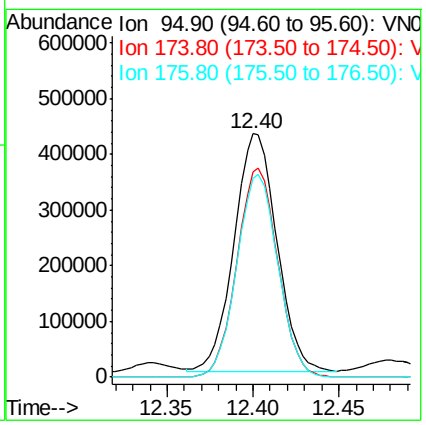


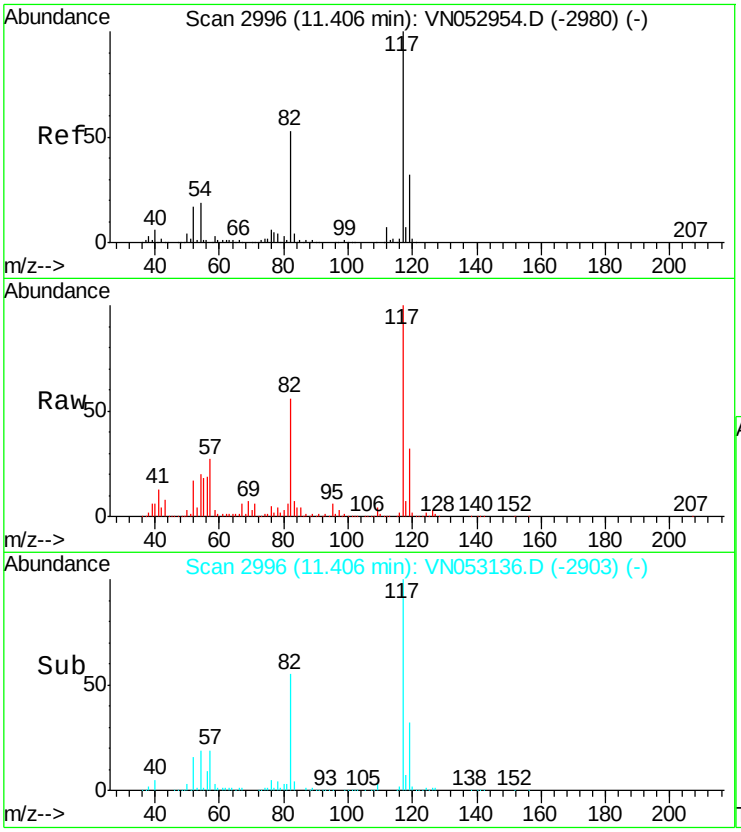


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 95 Resp: 736519

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	178.8
176	82.3	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: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:117 Resp: 1527477

Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.8	64.2
119	32.1	25.5	38.3

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
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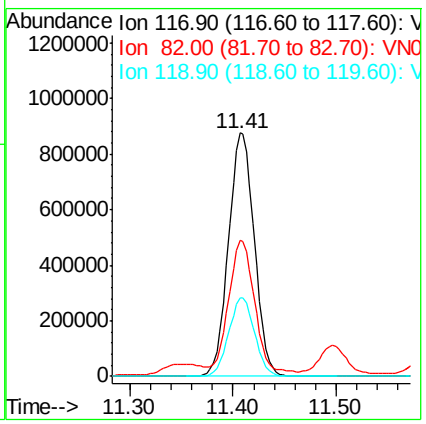
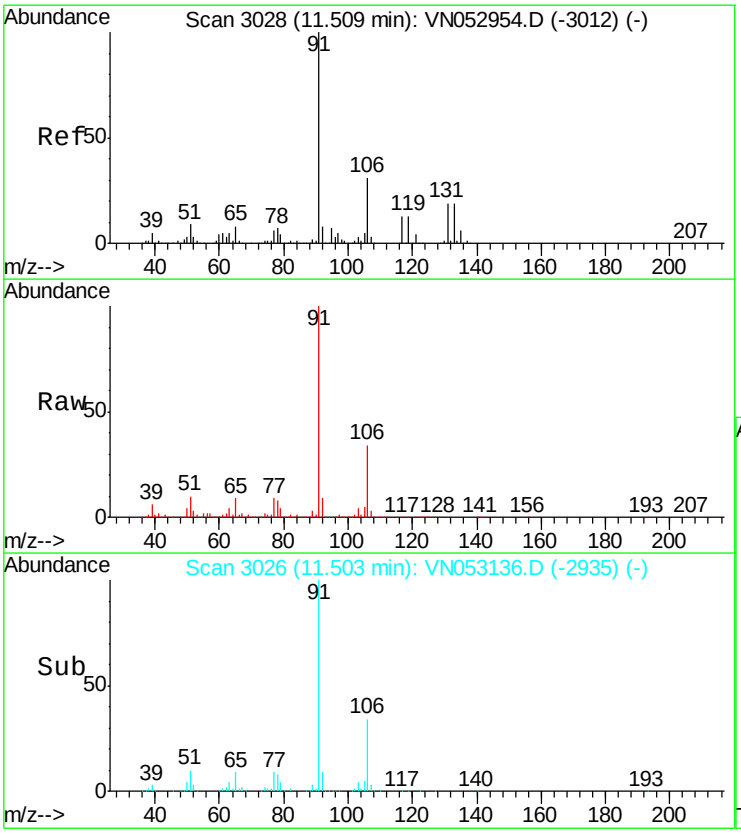
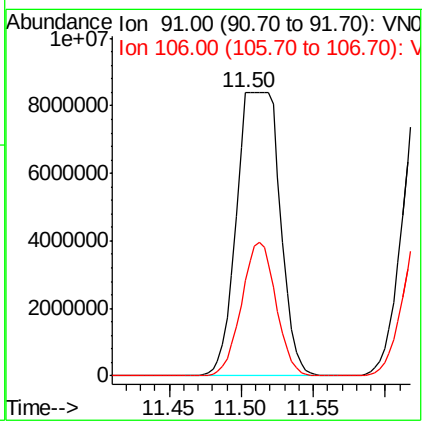


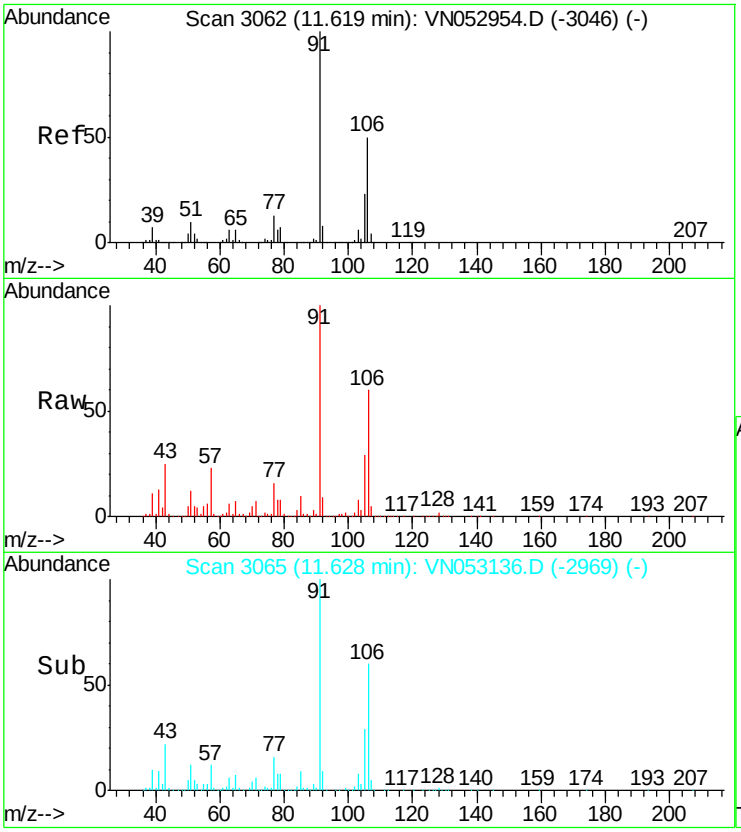


#67
Ethyl Benzene
Concen: 302.548 ug/l m
RT: 11.50 min Scan# 3026
Delta R.T. -0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 91 Resp:17617381

Ion	Ratio	Lower	Upper
91	100		
106	33.5	24.9	37.3





#68
m/p-Xylenes
Concen: 401.525 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:106 Resp: 8888390

Ion	Ratio	Lower	Upper
106	100		
91	188.9	162.2	243.4

Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

Manual Integrations APPROVED
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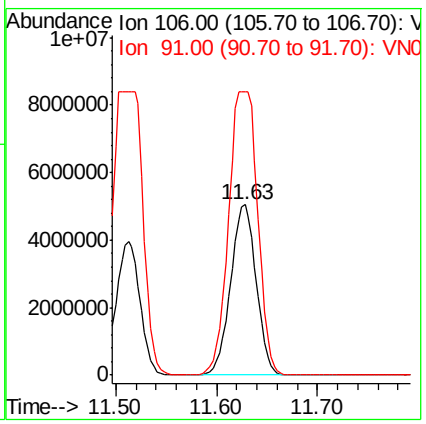
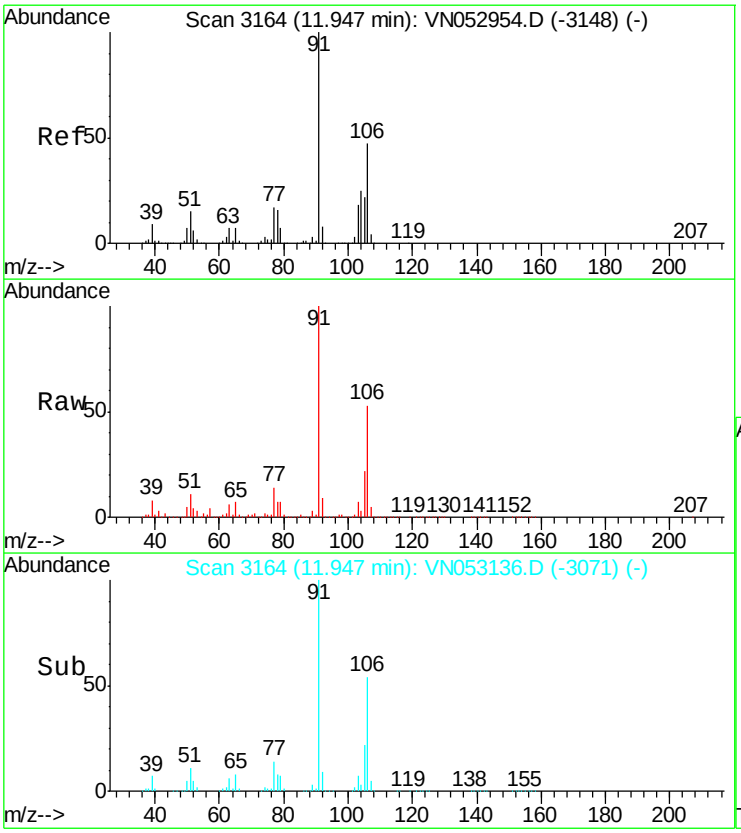
12/24/2018 12:22:08 PM

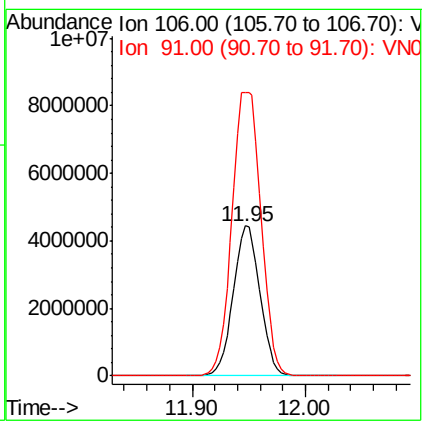


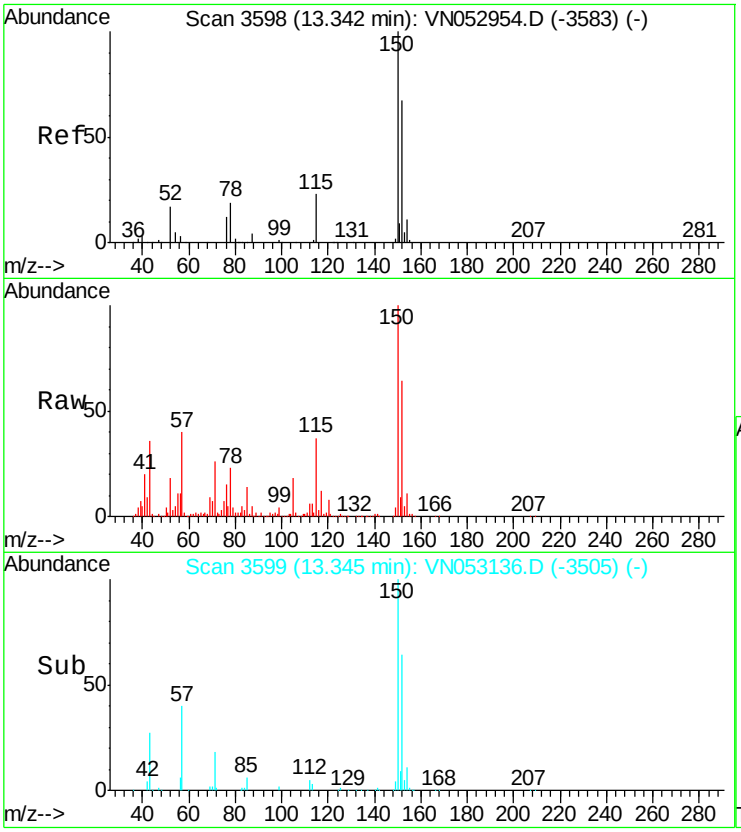


#69
o-Xylene
Concen: 342.984 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:106 Resp: 7285605

Ion	Ratio	Lower	Upper
106	100		
91	206.1	106.6	319.8

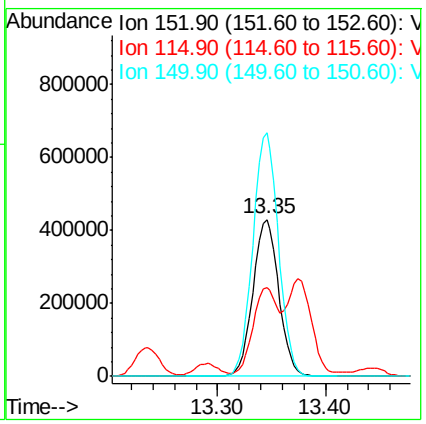




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

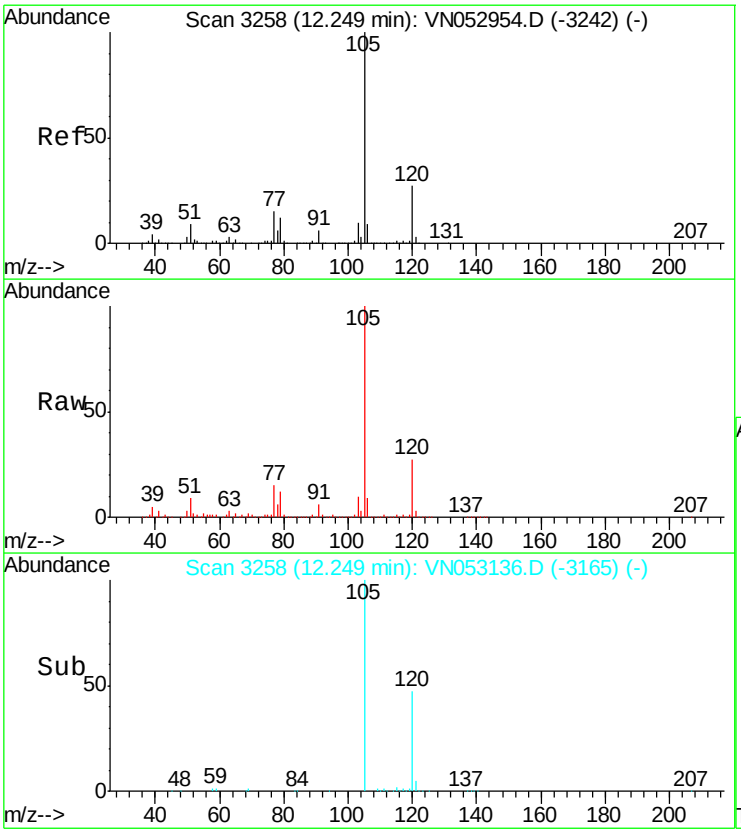
Tgt Ion:152 Resp: 707599

Ion	Ratio	Lower	Upper
152	100		
115	52.7	28.3	85.0
150	155.3	0.0	347.8



Instrument :
MSVOA_N
ClientSampleId :
KY001SB106-121218-(22-24)ME

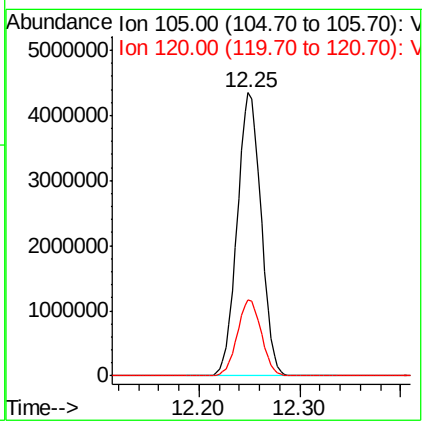
Manual Integrations APPROVED
MMDadoda
12/24/2018 12:22:08 PM

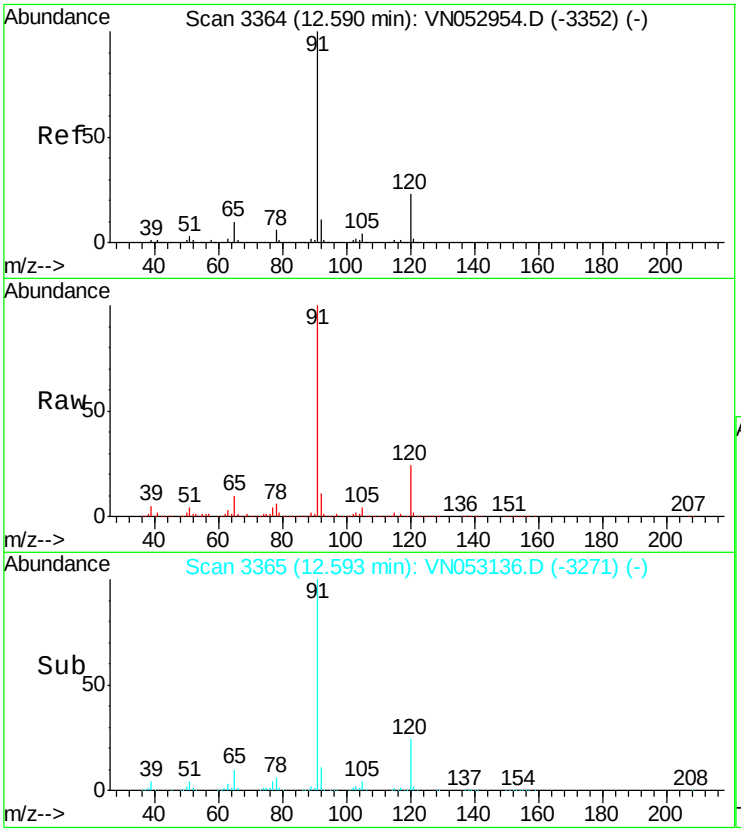


#73
Isopropylbenzene
Concen: 128.242 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:105 Resp: 7099931

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9





#78
n-propylbenzene
Concen: 201.161 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 91 Resp:12683967

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.5	34.5

Instrument :
MSVOA_N
ClientSampleId :
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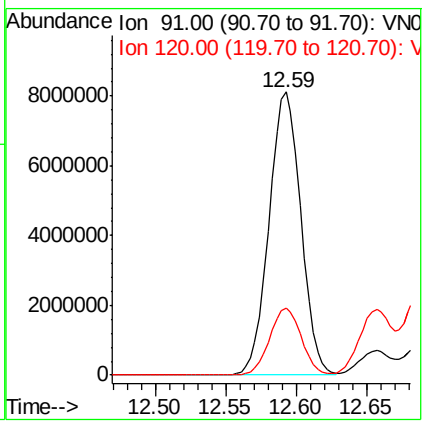
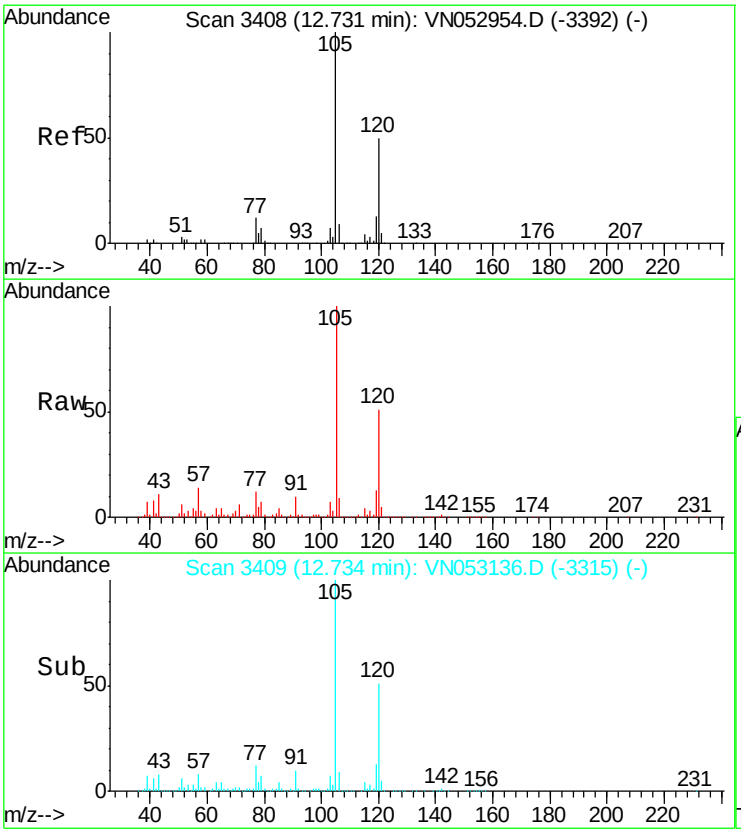
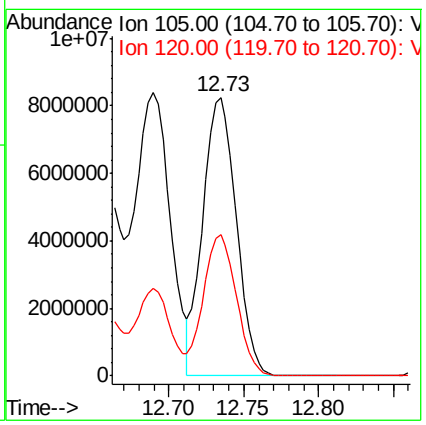


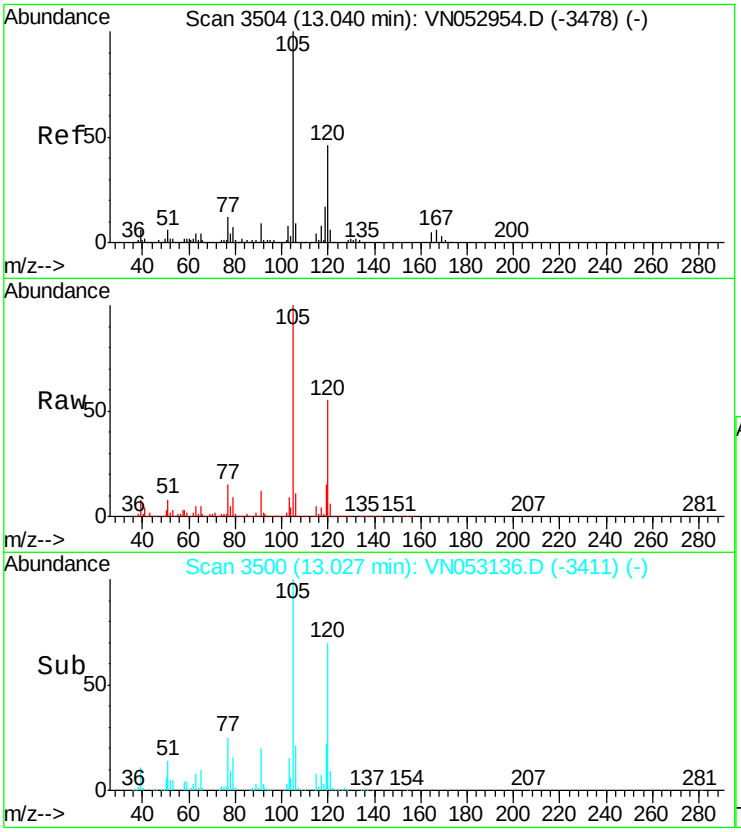


#80
1,3,5-Trimethylbenzene
Concen: 284.161 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:105 Resp:12823057

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.4	73.2

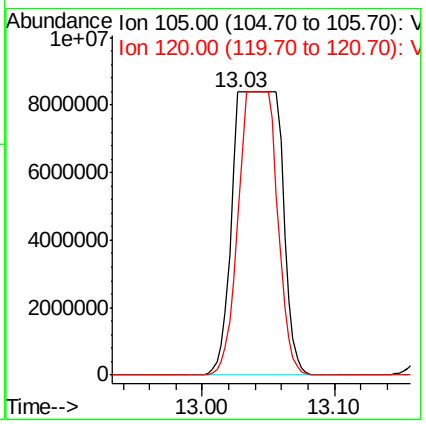




#84
1,2,4-Trimethylbenzene
Concen: 477.198 ug/l m
RT: 13.03 min Scan# 3500
Delta R.T. -0.01 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:105 Resp:21647763

Ion	Ratio	Lower	Upper
105	100		
120	16.5	22.9	68.8#



Instrument :
MSVOA_N
ClientSampleId :
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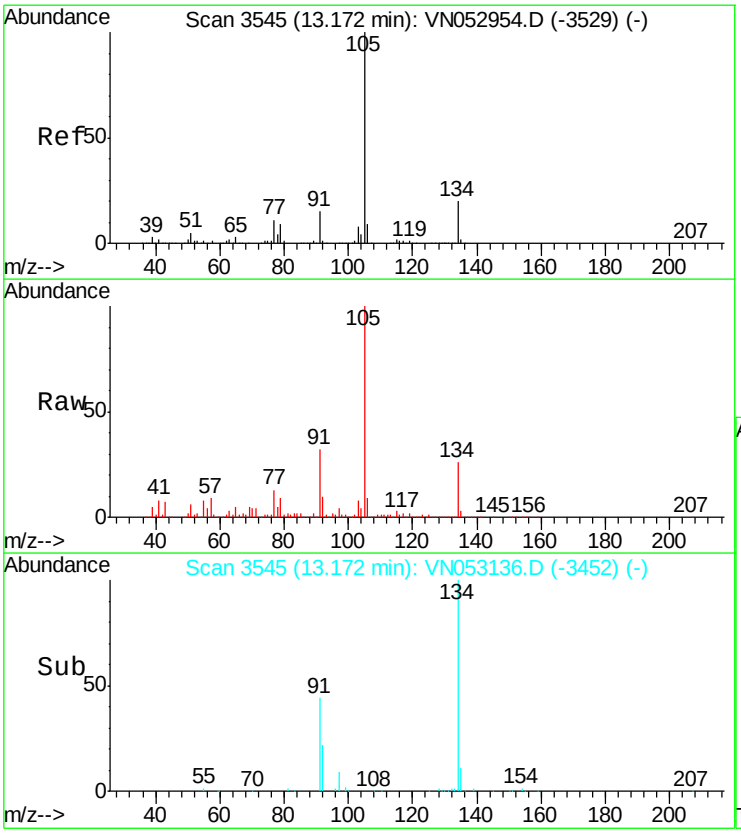
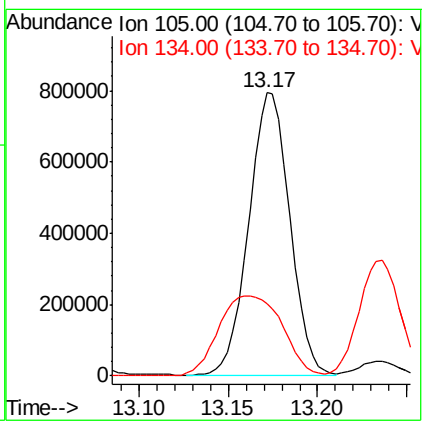
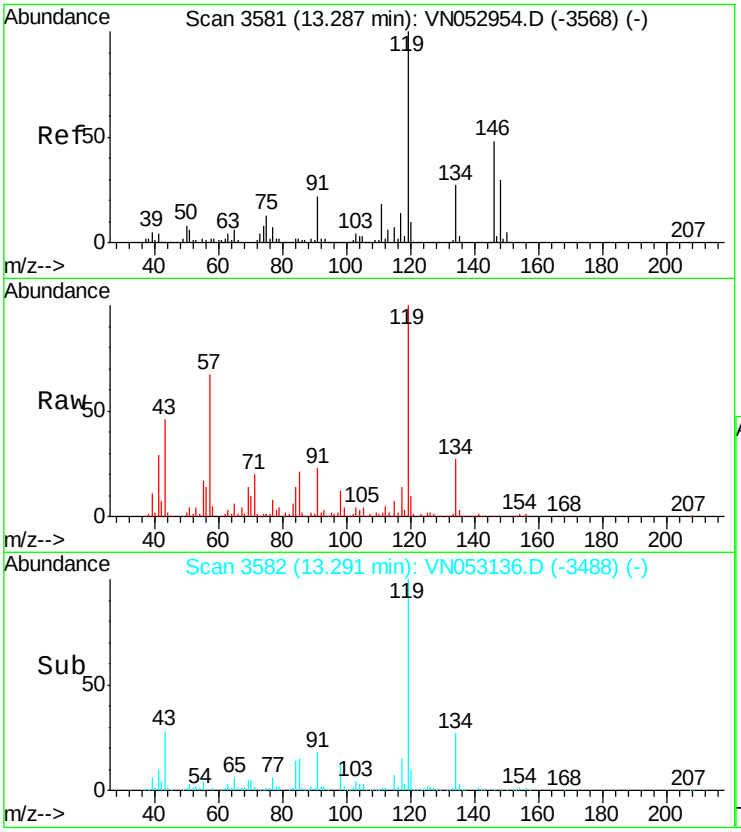


#85
sec-Butylbenzene
Concen: 23.558 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:105 Resp: 1271709

Ion	Ratio	Lower	Upper
105	100		
134	43.7	10.1	30.3#





#86
p-Isopropyltoluene
Concen: 16.427 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:119 Resp: 766231

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	22.6	11.1	33.3

Instrument :
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ClientSampleId :
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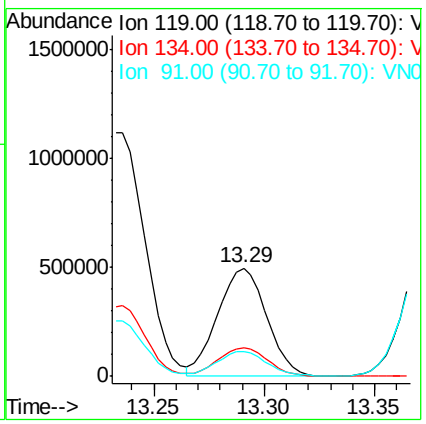
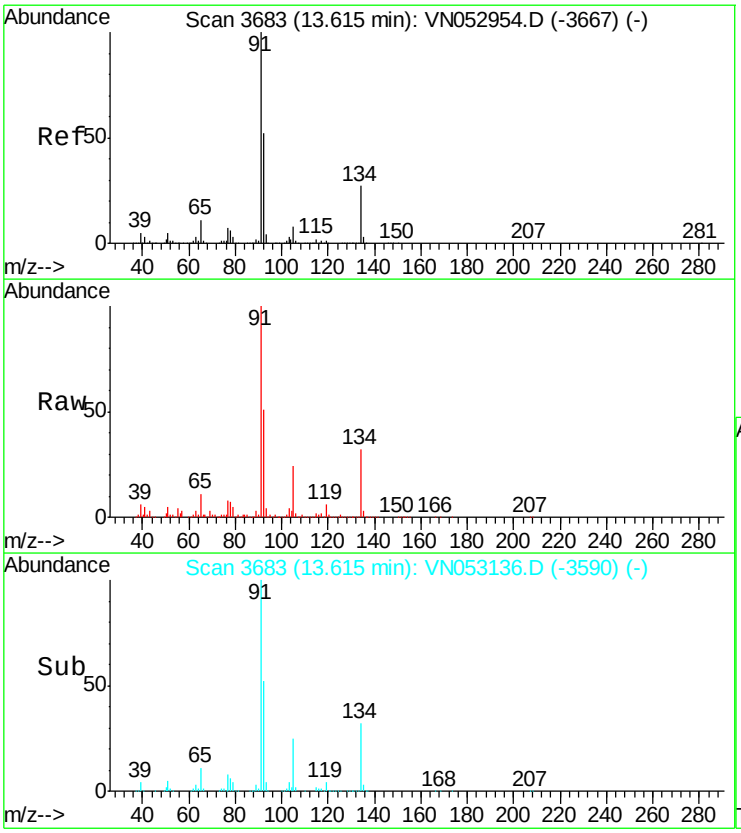
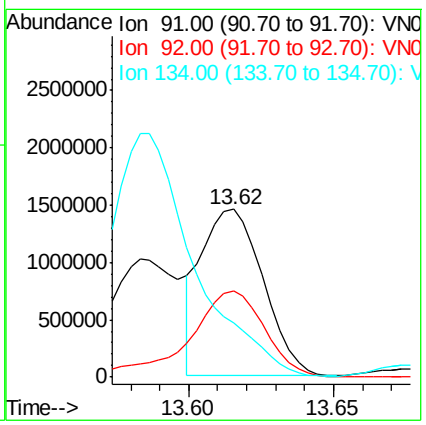


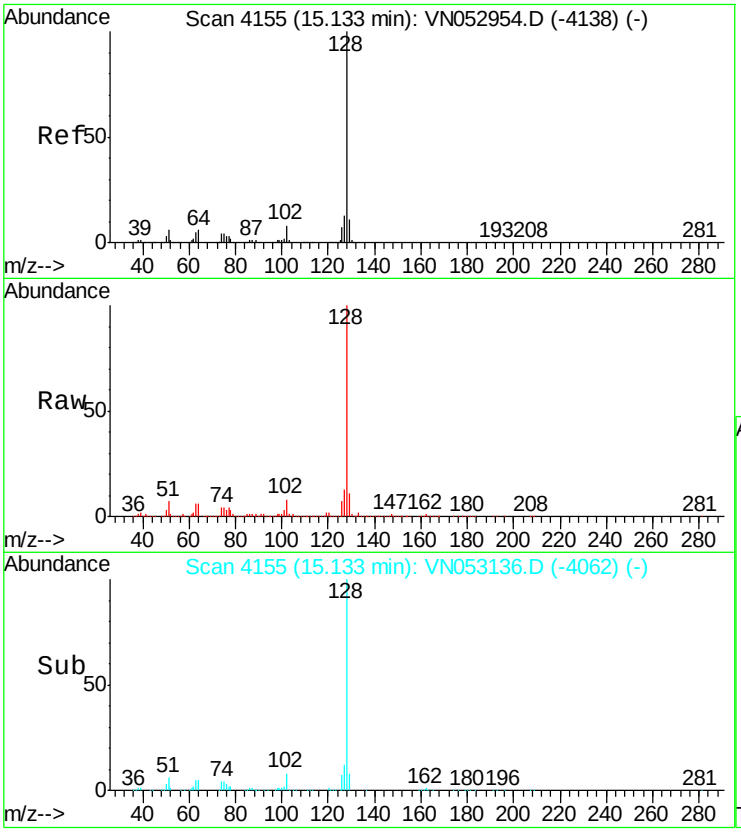


#89
n-Butylbenzene
Concen: 53.438 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion: 91 Resp: 2144436

Ion	Ratio	Lower	Upper
91	100		
92	63.1	26.3	78.9
134	0.0	13.3	39.8#

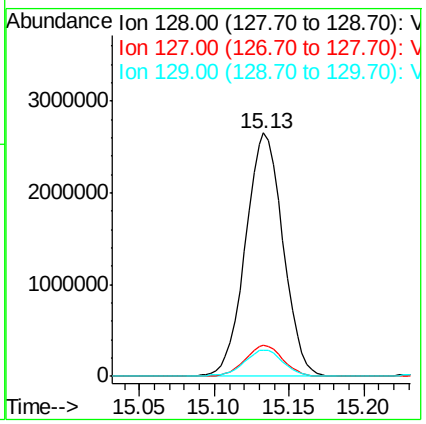




#95
Naphthalene
Concen: 162.248 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053136.D
Acq: 22 Dec 2018 16:45

Tgt Ion:128 Resp: 4587191

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
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