Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053018.D
Acq On : 19 Dec 2018 18:23
Operator : MD\SY
Sample : J6347-14ME
Misc : 4.62g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

Manual Integrations APPROVED
MMDadoda
12/20/2018 9:35:01 AM

Quant Time: Dec 20 07:19:00 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	1196220	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.58	114	1803334	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1590621	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	705111	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.02	65	561334	46.24	ug/l		0.00
Spiked Amount 50.000			Recovery =	92.48%			
35) Dibromofluoromethane	7.59	113	428894	52.07	ug/l		0.00
Spiked Amount 50.000			Recovery =	104.14%			
50) Toluene-d8	10.09	98	2215663	50.10	ug/l		0.00
Spiked Amount 50.000			Recovery =	100.20%			
62) 4-Bromofluorobenzene	12.40	95	724872	46.69	ug/l		0.00
Spiked Amount 50.000			Recovery =	93.38%			
Target Compounds							Qvalue
16) Acetone	3.82	43	5804	2.439	ug/l		93
31) Cyclohexane	7.65	56	187490	8.042	ug/l	#	94
39) Methylcyclohexane	9.08	83	455223	21.650	ug/l		99
52) Toluene	10.16	92	37495	1.175	ug/l		97
65) Chlorobenzene	11.43	112	503126	14.269	ug/l		99
67) Ethyl Benzene	11.51	91	121619m	2.006	ug/l		
68) m/p-Xylenes	11.61	106	15197405	659.276	ug/l	#	1
69) o-Xylene	11.95	106	36713	1.660	ug/l		94
73) Isopropylbenzene	12.25	105	265718	4.816	ug/l		100
78) n-propylbenzene	12.59	91	484121	7.705	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	649763	14.450	ug/l		100
84) 1,2,4-Trimethylbenzene	13.04	105	1787975	39.553	ug/l		100
85) sec-Butylbenzene	13.17	105	57974	1.078	ug/l	#	62
86) p-Isopropyltoluene	13.29	119	410839	8.839	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	97917	3.858	ug/l		94
88) 1,4-Dichlorobenzene	13.36	146	975276	37.943	ug/l		98
89) n-Butylbenzene	13.62	91	74679	1.868	ug/l	#	72
95) Naphthalene	15.13	128	999475	36.372	ug/l		99

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

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Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

Manual Integrations APPROVED
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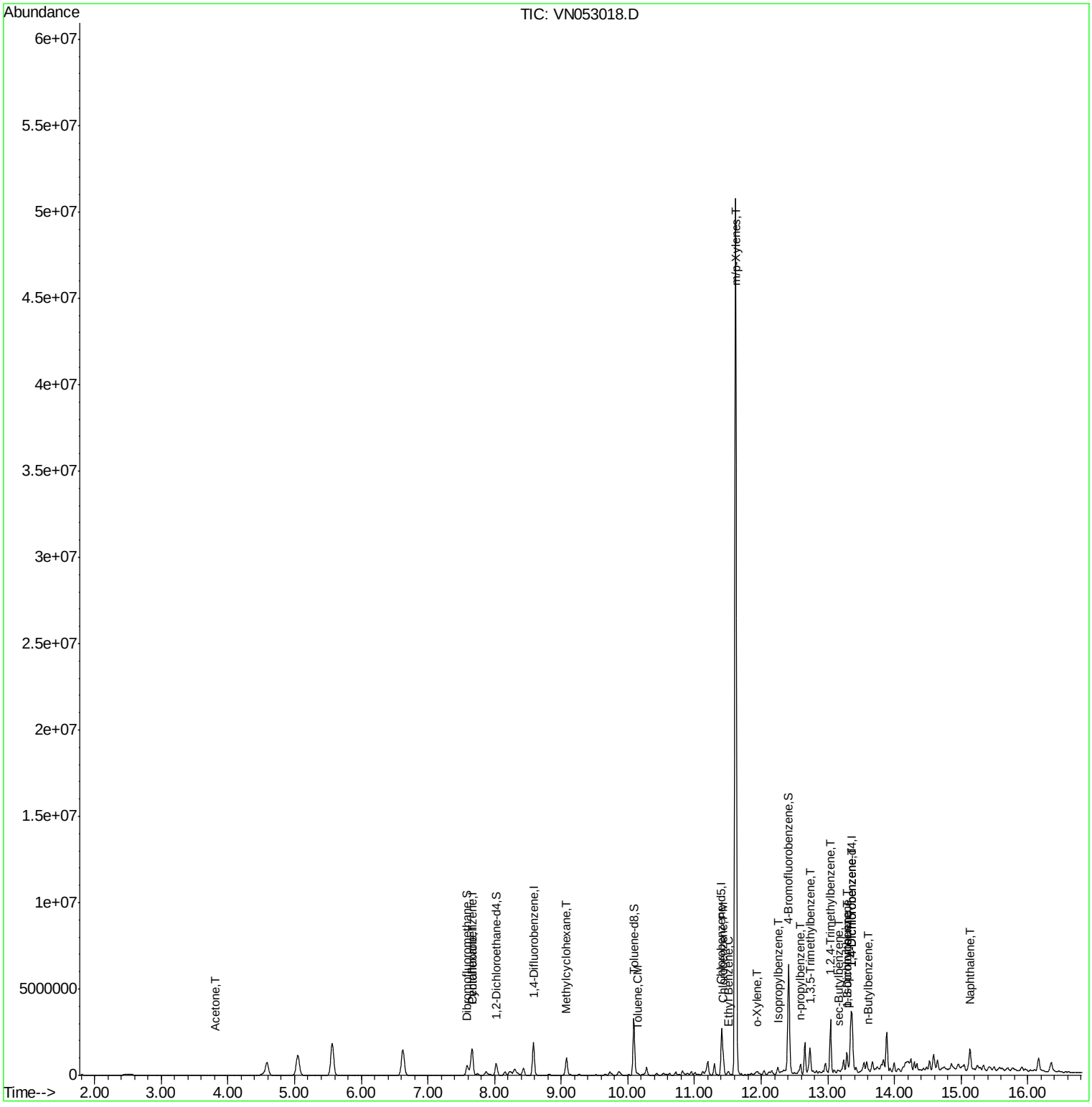
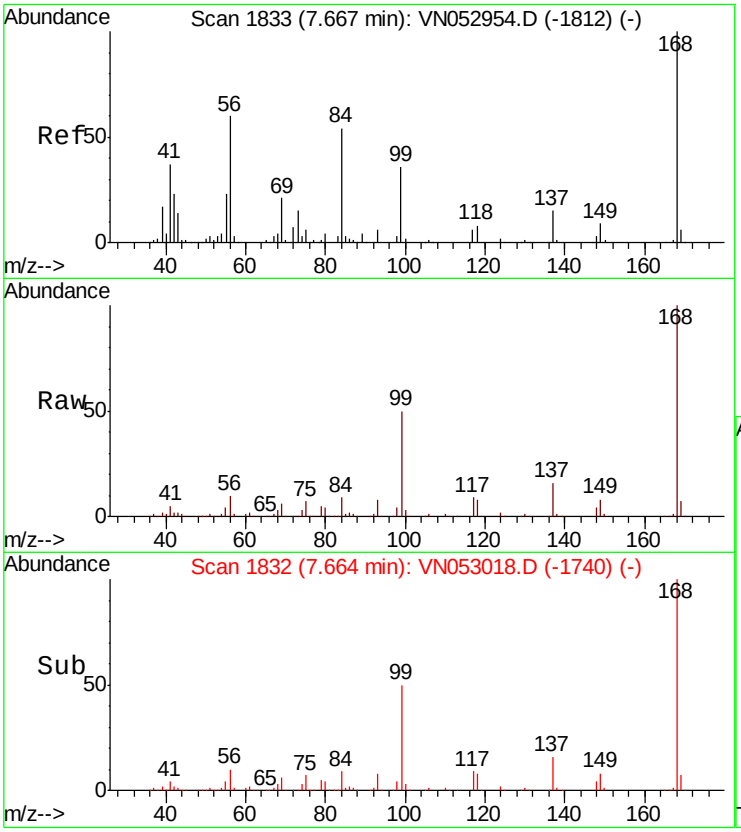
12/20/2018 9:35:01 AM

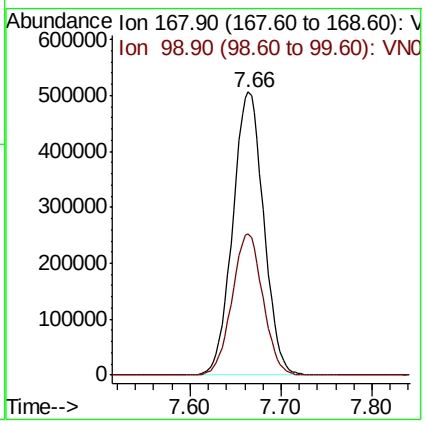




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:168 Resp: 1196220

Ion	Ratio	Lower	Upper
168	100		
99	49.8	40.2	60.2



Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

Manual Integrations APPROVED
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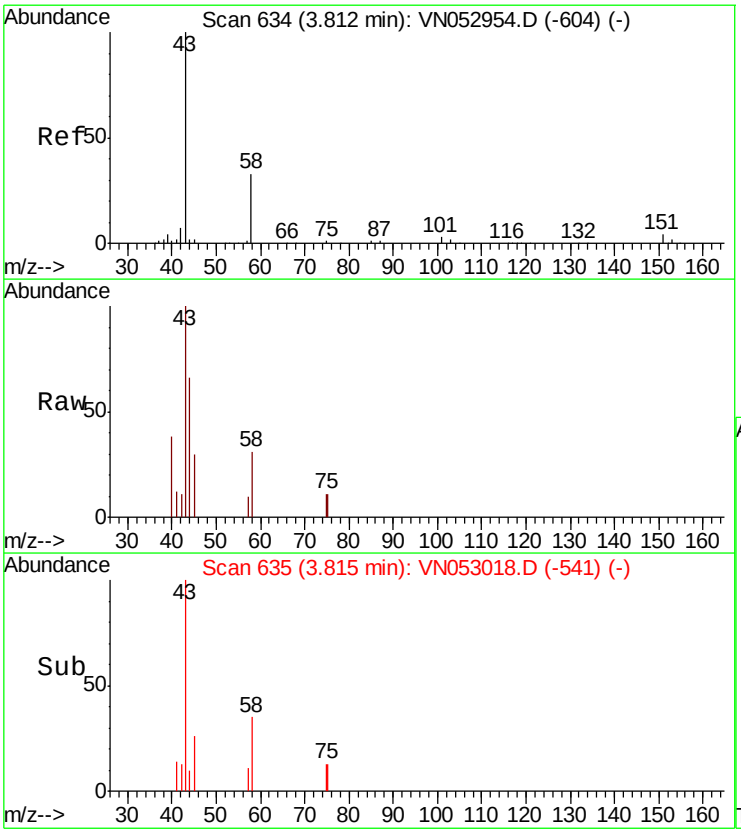
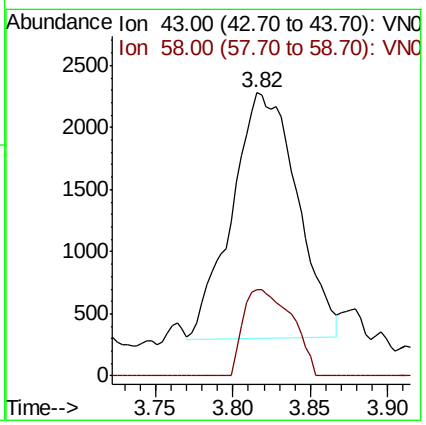
12/20/2018 9:35:01 AM

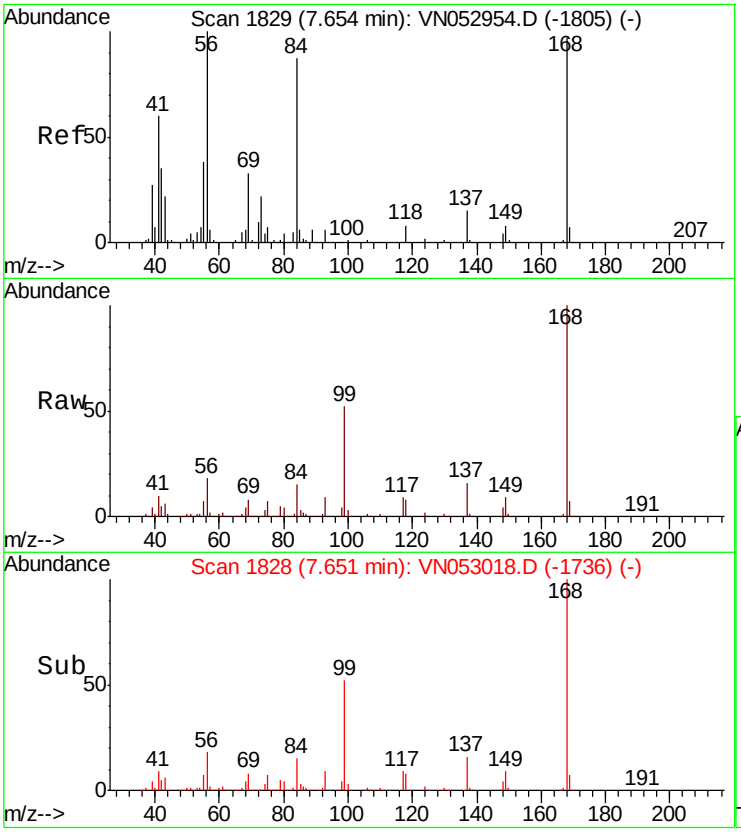


#16
Acetone
Concen: 2.439 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 43 Resp: 5804

Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.4	38.0

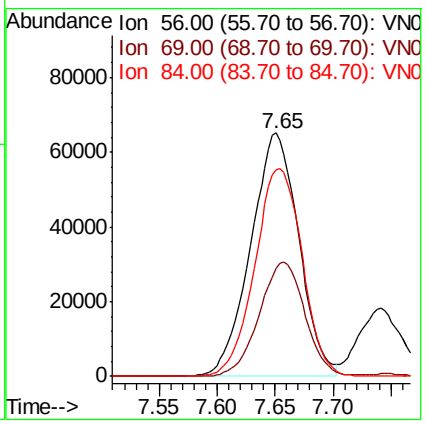




#31
Cyclohexane
Concen: 8.042 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 56 Resp: 187490

Ion	Ratio	Lower	Upper
56	100		
69	44.3	26.6	39.8#
84	84.6	68.4	102.6



Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

Manual Integrations APPROVED
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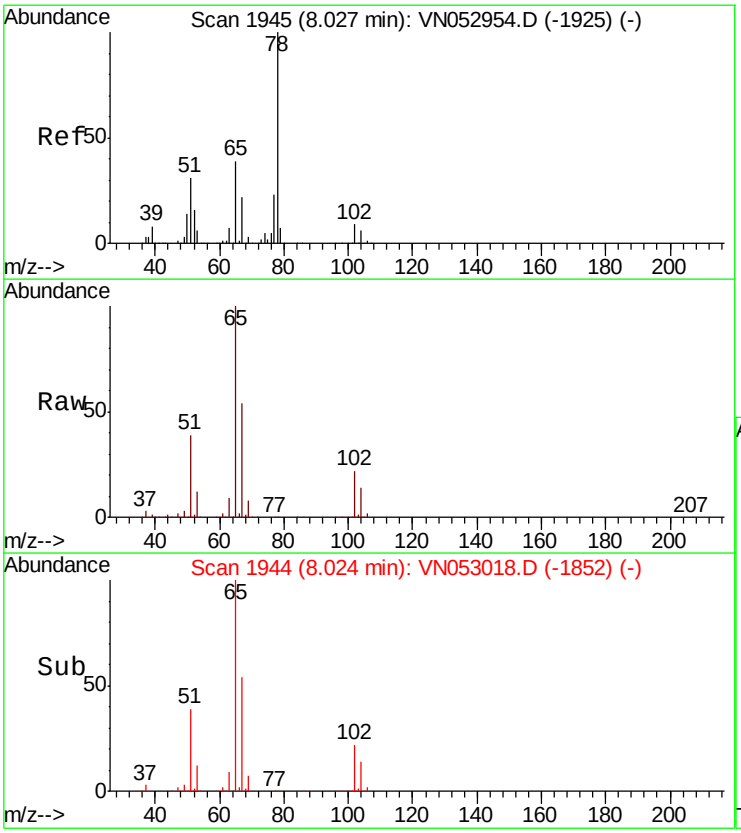
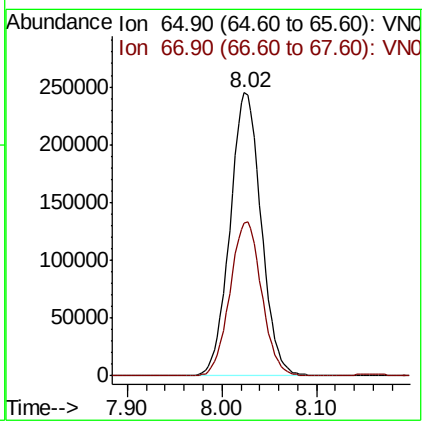
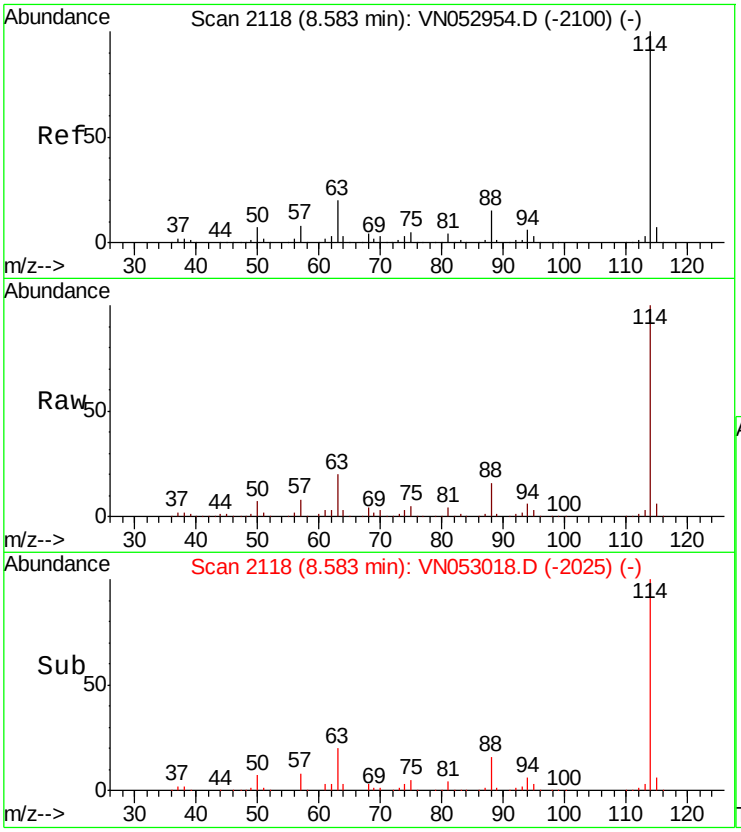


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 65 Resp: 561334

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.4

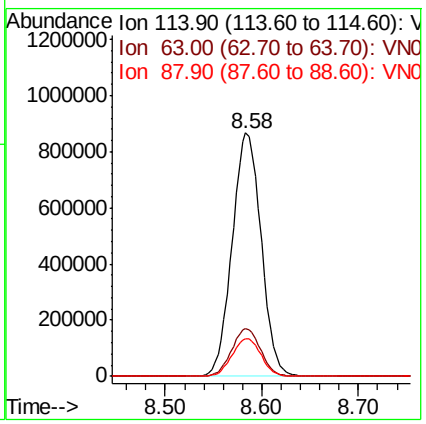




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:114 Resp: 1803334

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.6	0.0	31.0



Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

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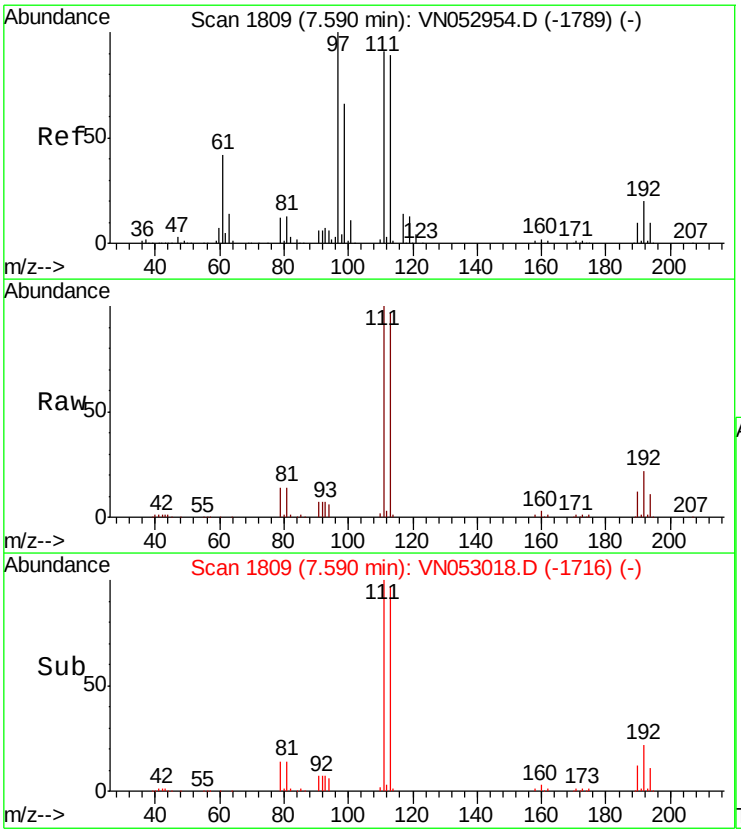
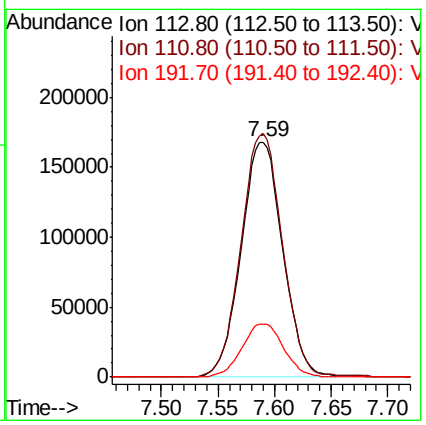
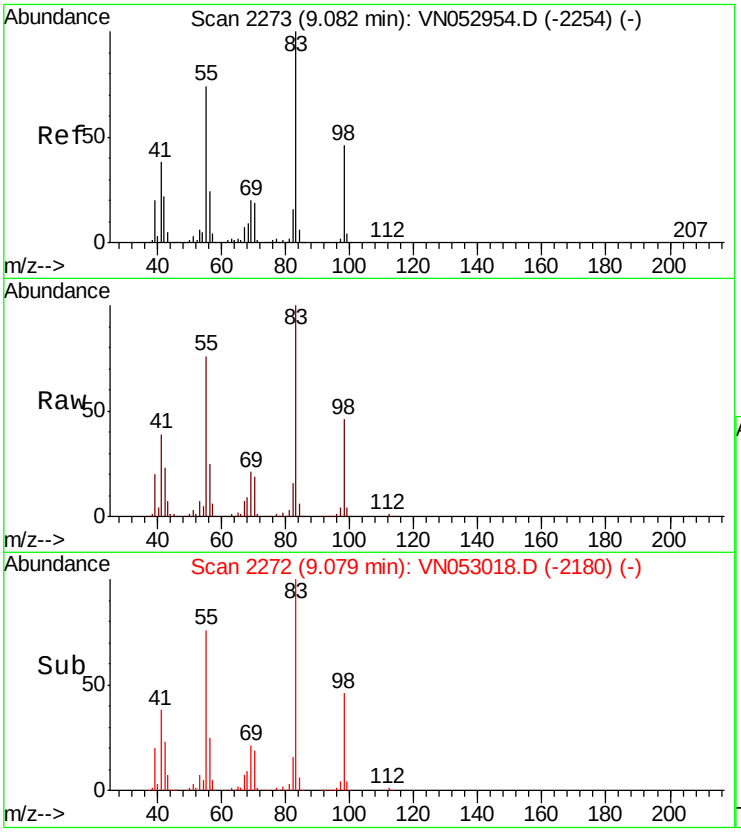


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:113 Resp: 428894

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.4
192	22.8	17.5	26.3

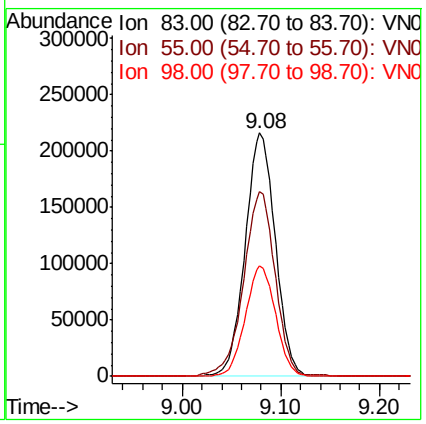




#39
Methylcyclohexane
Concen: 21.650 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 83 Resp: 455223

Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.3	91.9
98	45.6	37.0	55.4



Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

Manual Integrations APPROVED
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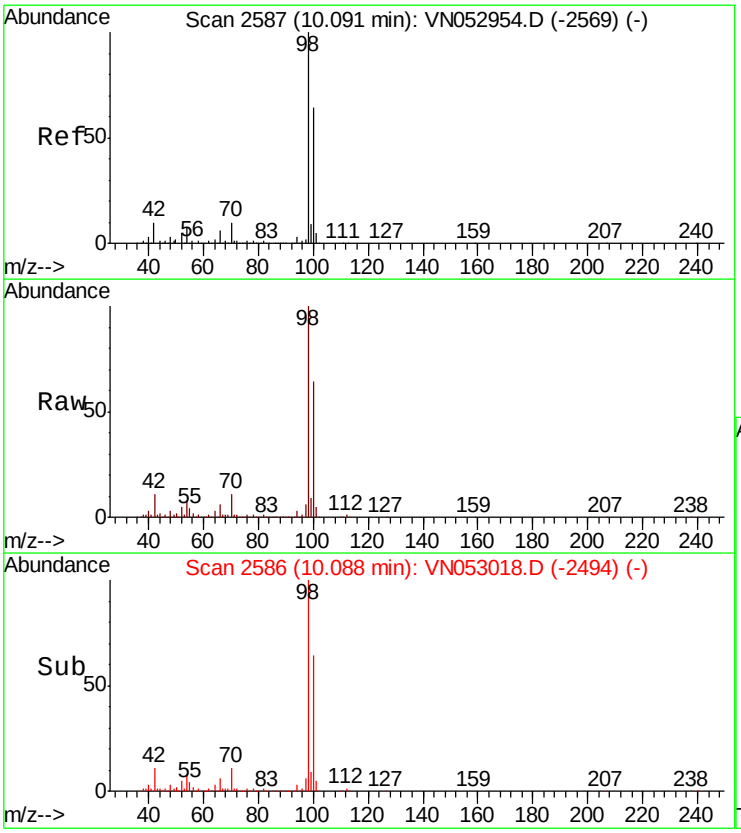
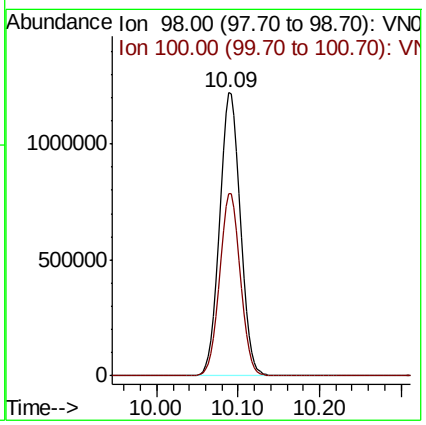
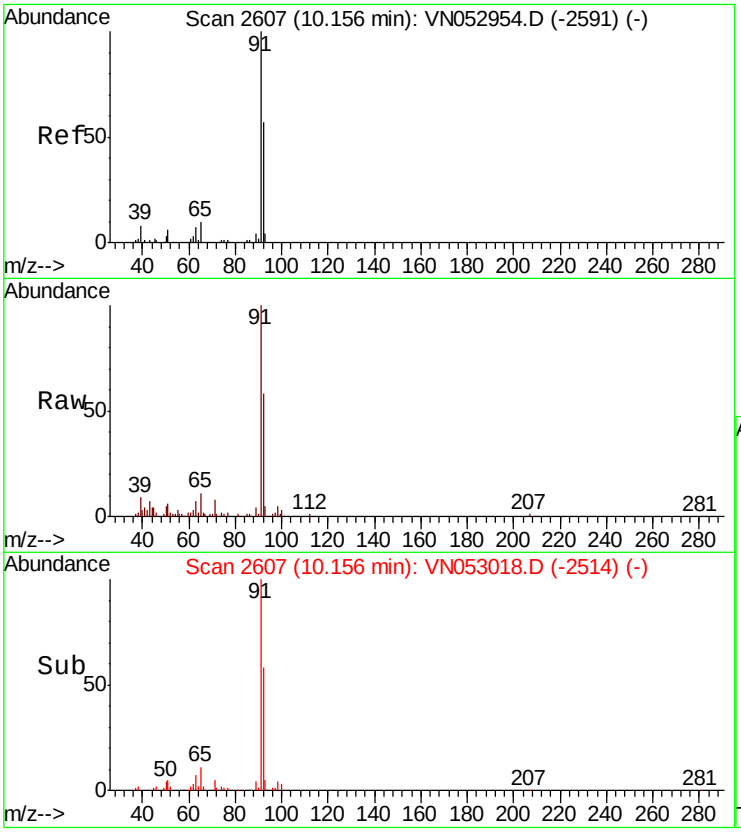


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 98 Resp: 2215663

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#52
Toluene
Concen: 1.175 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 92 Resp: 37495

Ion	Ratio	Lower	Upper
92	100		
91	171.0	139.8	209.6

Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

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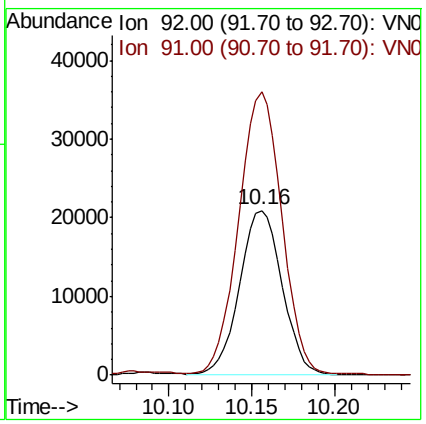
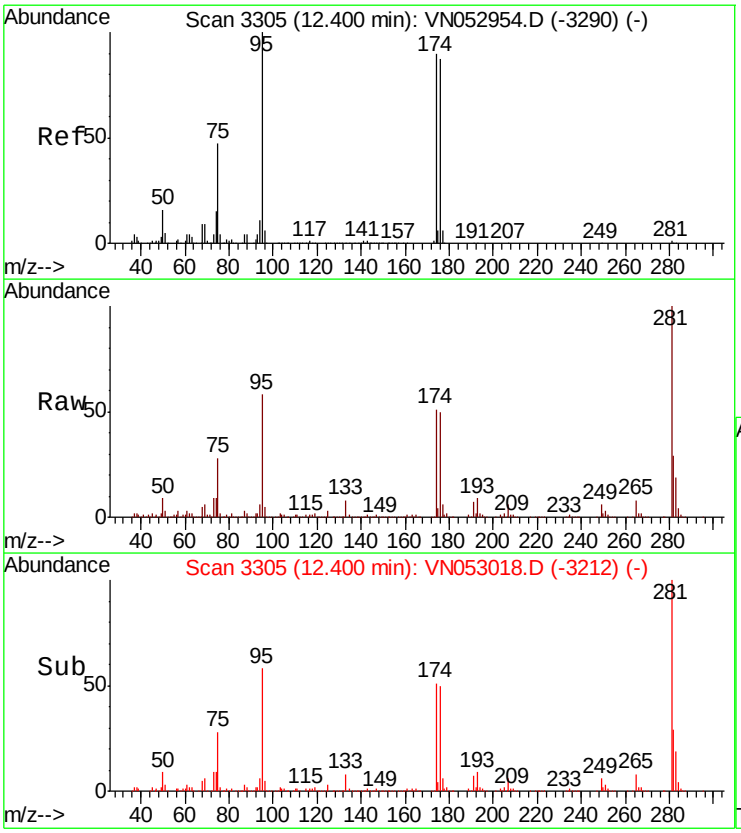
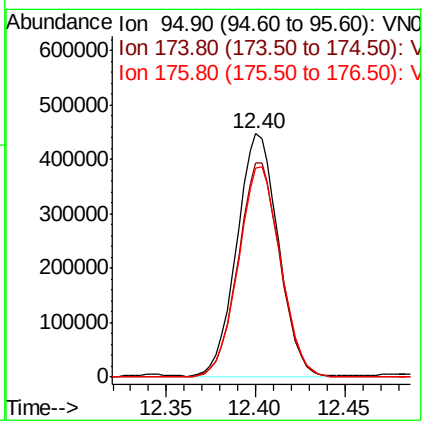


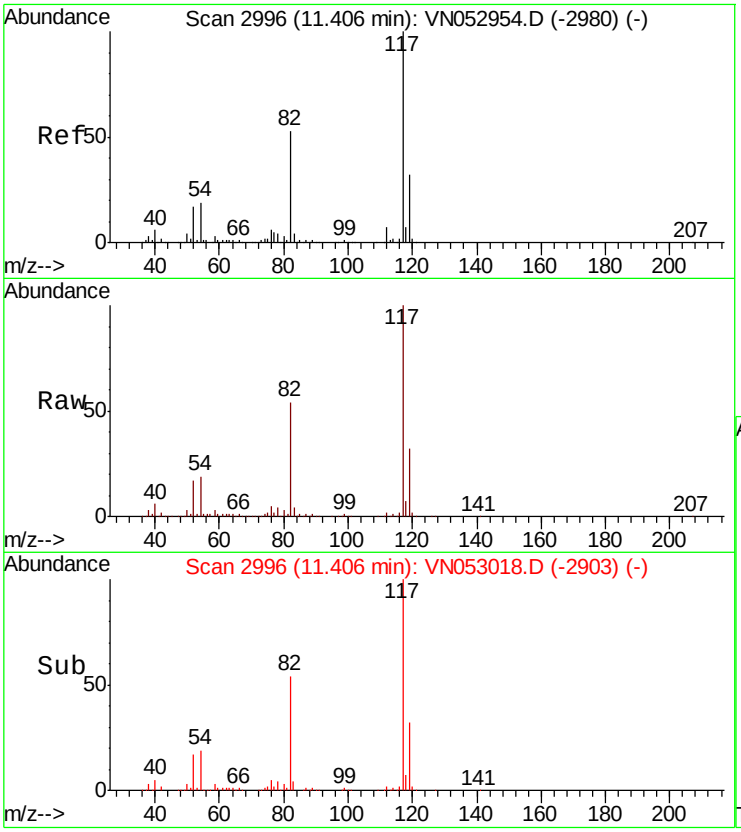


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 95 Resp: 724872

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	178.8
176	88.4	0.0	173.8

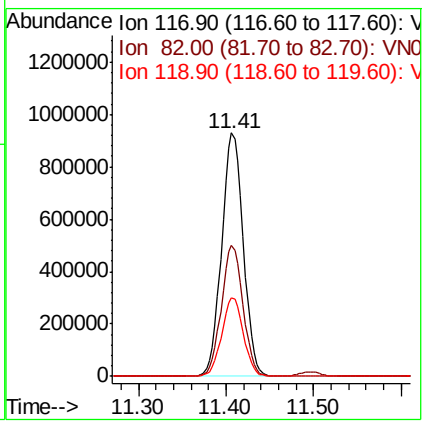




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:117 Resp: 1590621

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	32.3	25.5	38.3



Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

Manual Integrations APPROVED
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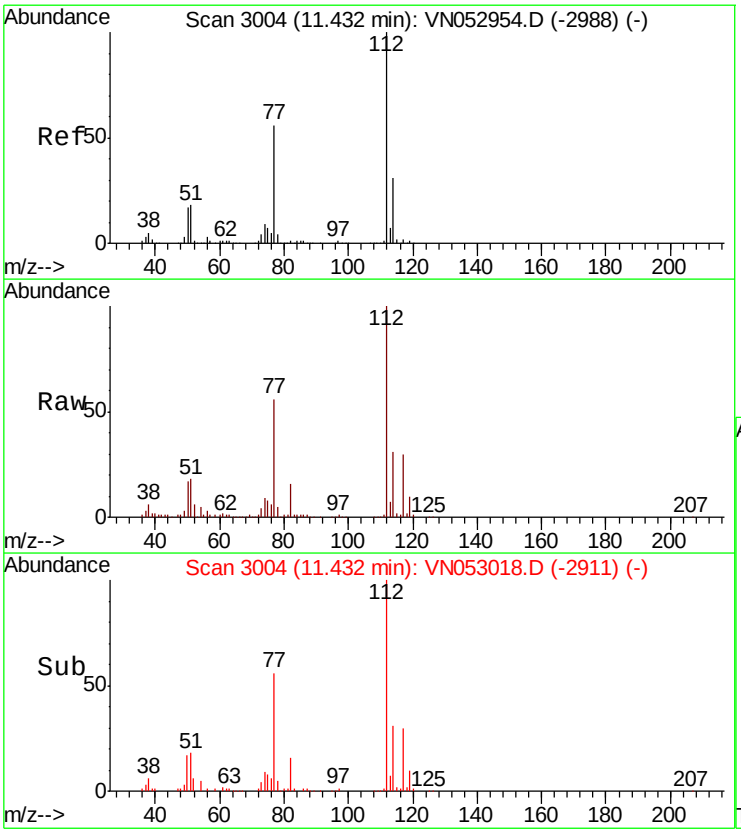
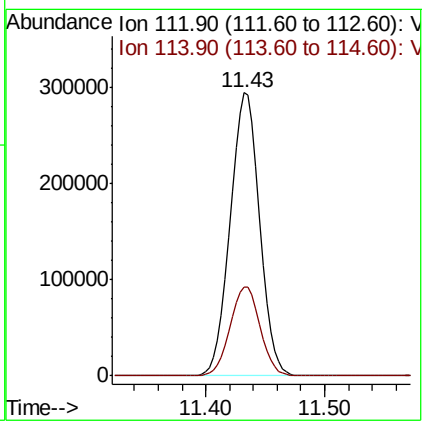
12/20/2018 9:35:01 AM

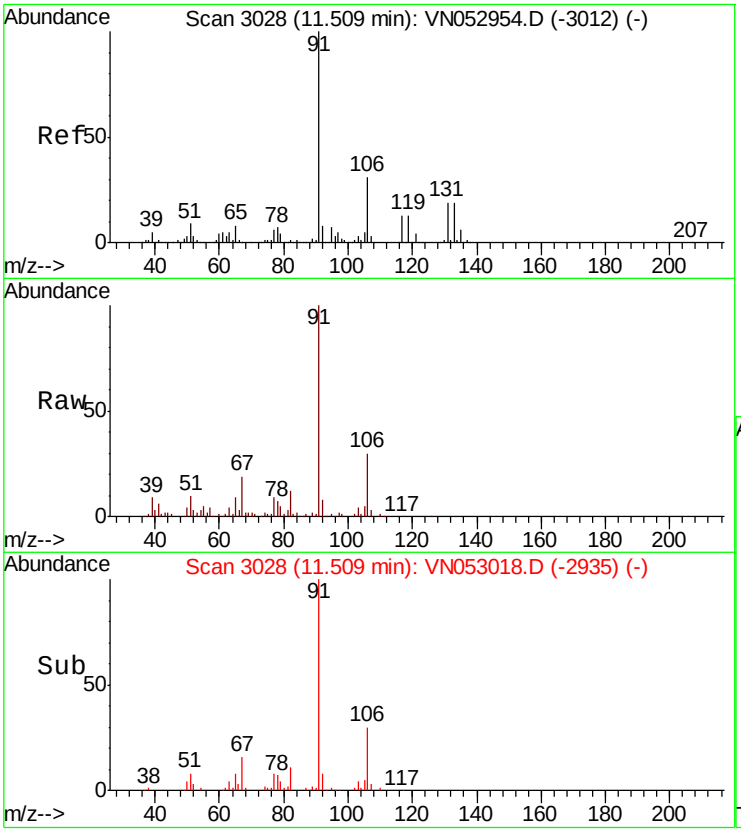


#65
Chlorobenzene
Concen: 14.269 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:112 Resp: 503126

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.5	38.3





#67
Ethyl Benzene
Concen: 2.006 ug/l m
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 91 Resp: 121619

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.9	37.3

Instrument :
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ClientSampleId :
P001-SD013-0006-01ME

Manual Integrations APPROVED
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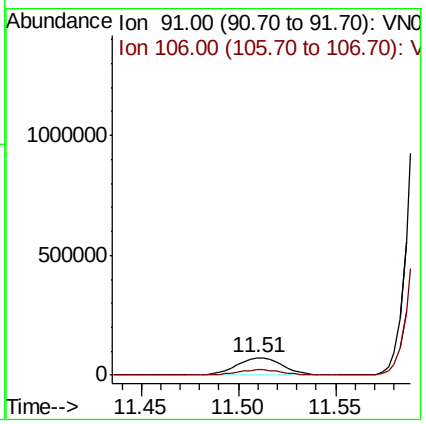
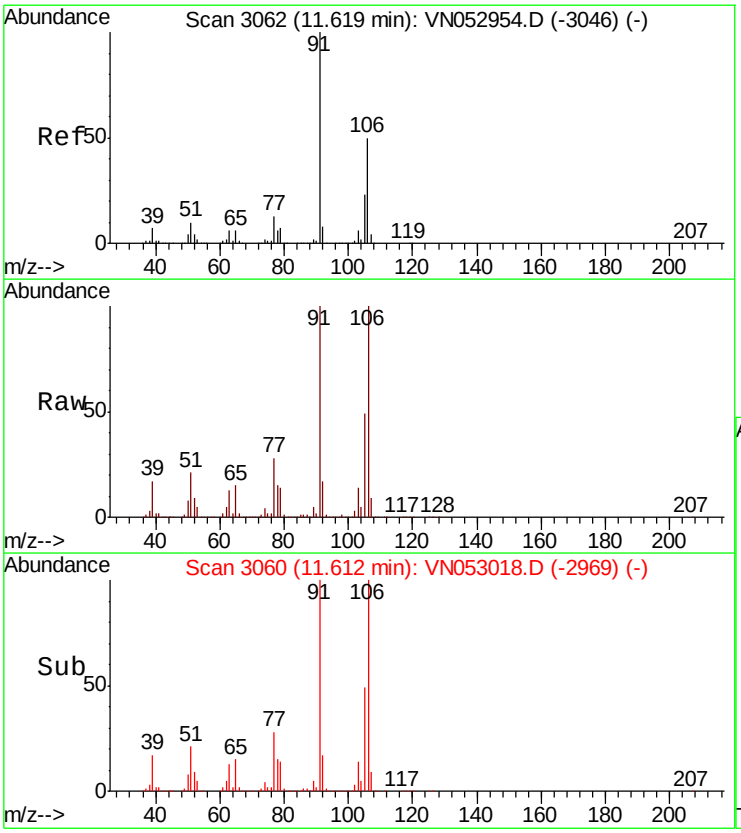
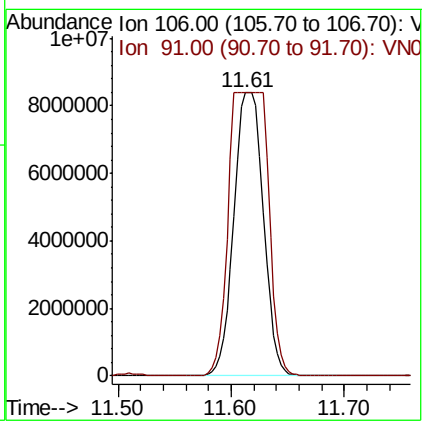


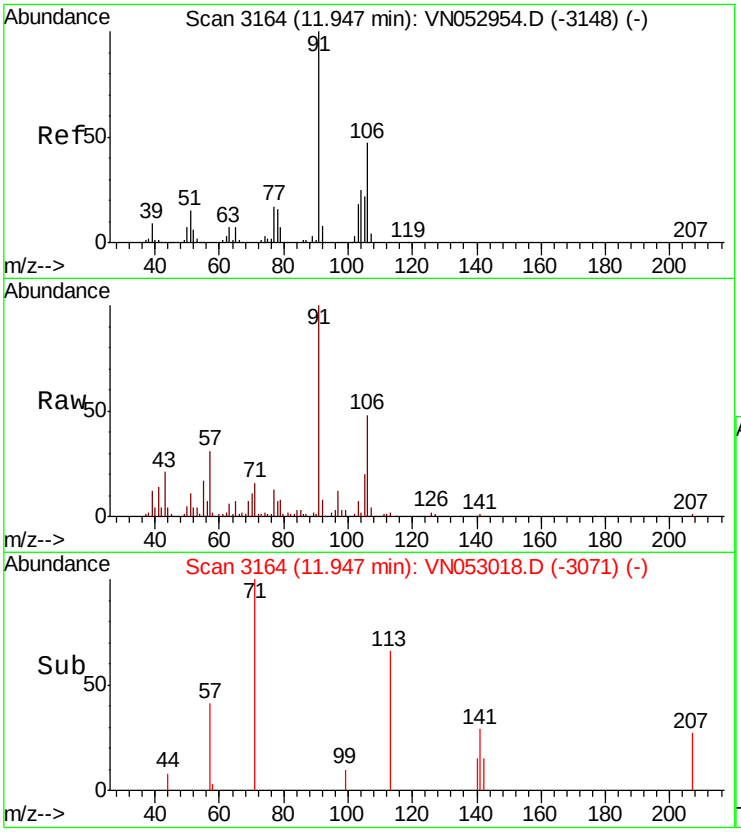


#68
m/p-Xylenes
Concen: 659.276 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:106 Resp:15197405

Ion	Ratio	Lower	Upper
106	100		
91	0.0	162.2	243.4#





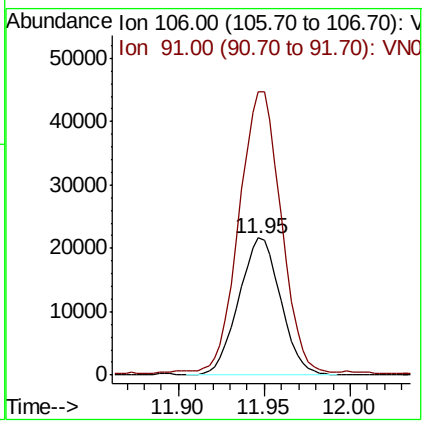
#69
o-Xylene
Concen: 1.660 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

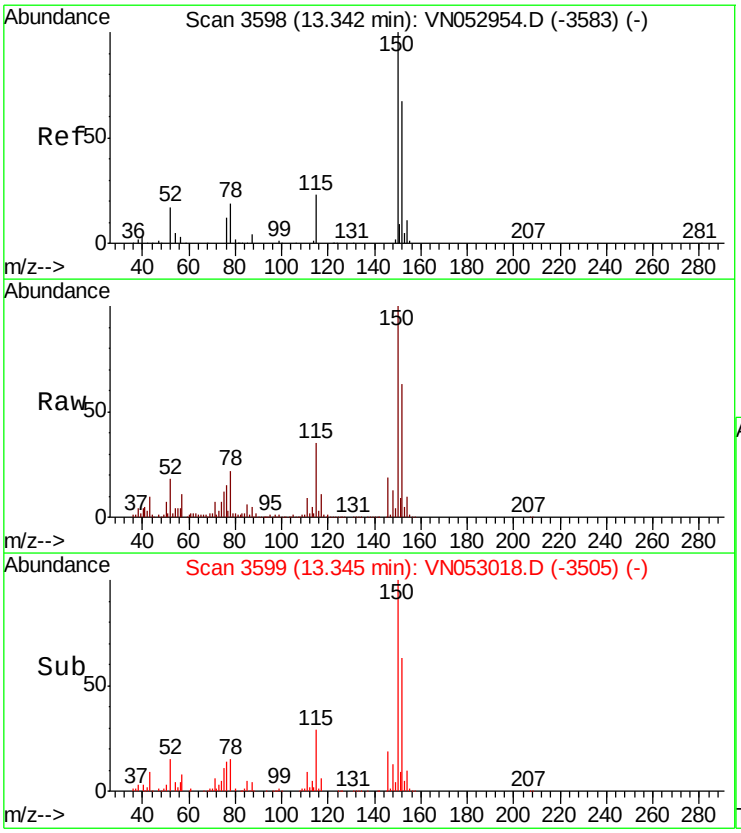
Tgt Ion:106 Resp: 36713

Ion	Ratio	Lower	Upper
106	100		
91	204.0	106.6	319.8

Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

Manual Integrations APPROVED
MMDadoda
12/20/2018 9:35:01 AM

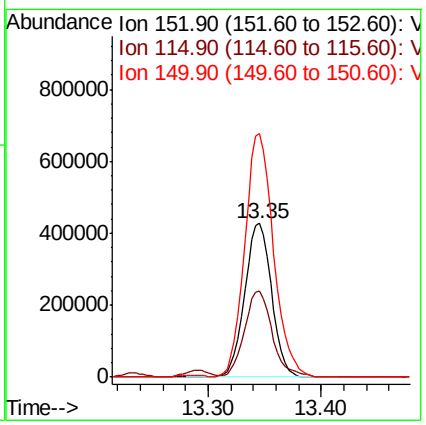


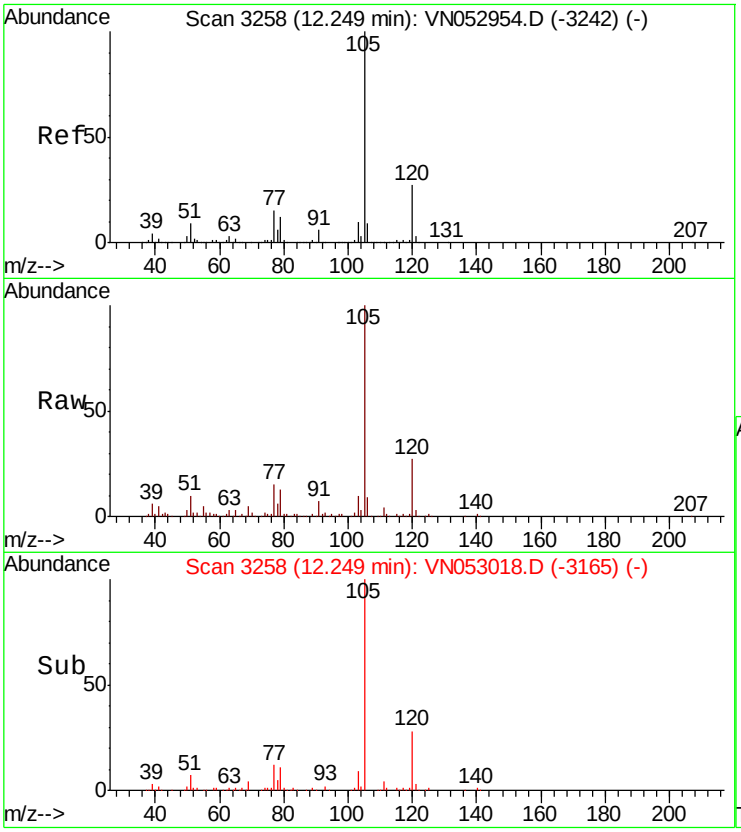


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:152 Resp: 705111

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.3	85.0
150	170.0	0.0	347.8





#73
Isopropylbenzene
Concen: 4.816 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:105 Resp: 265718

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.3	39.9

Instrument :
MSVOA_N
ClientSampleId :
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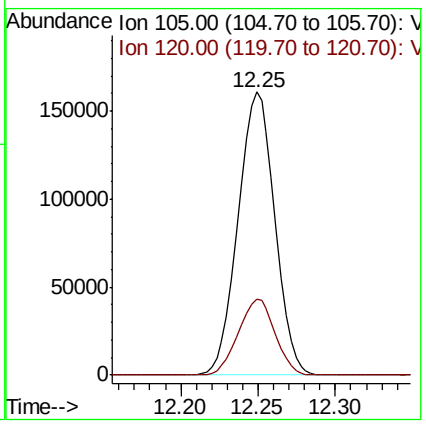
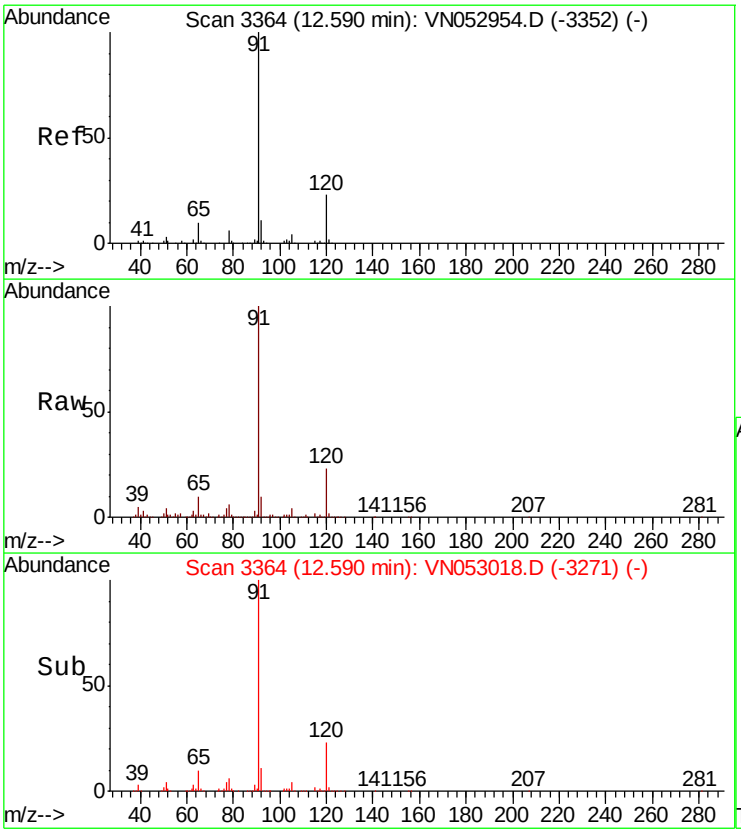
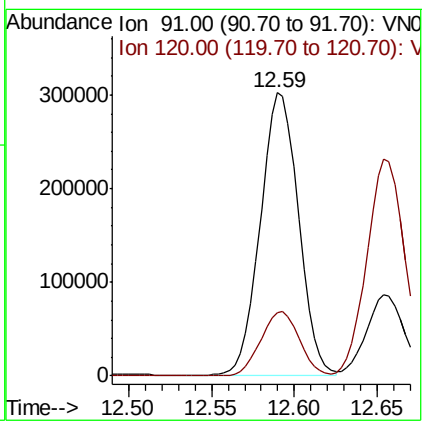


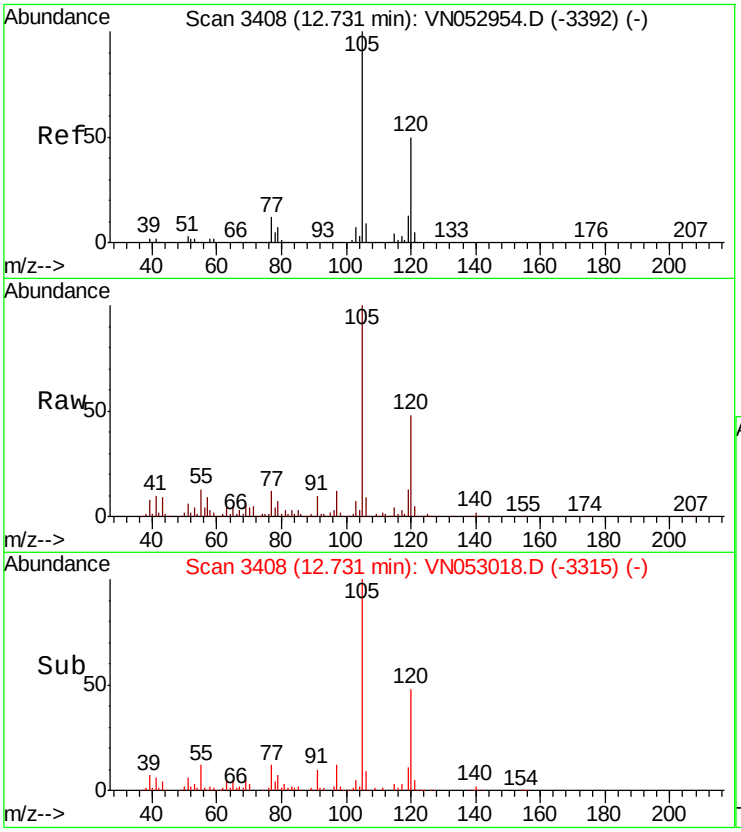


#78
n-propylbenzene
Concen: 7.705 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 91 Resp: 484121

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5

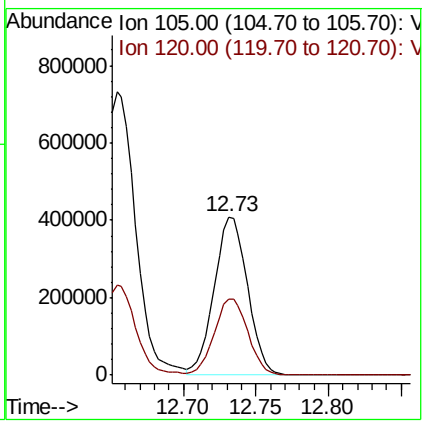




#80
1,3,5-Trimethylbenzene
Concen: 14.450 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:105 Resp: 649763

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.4	73.2



Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

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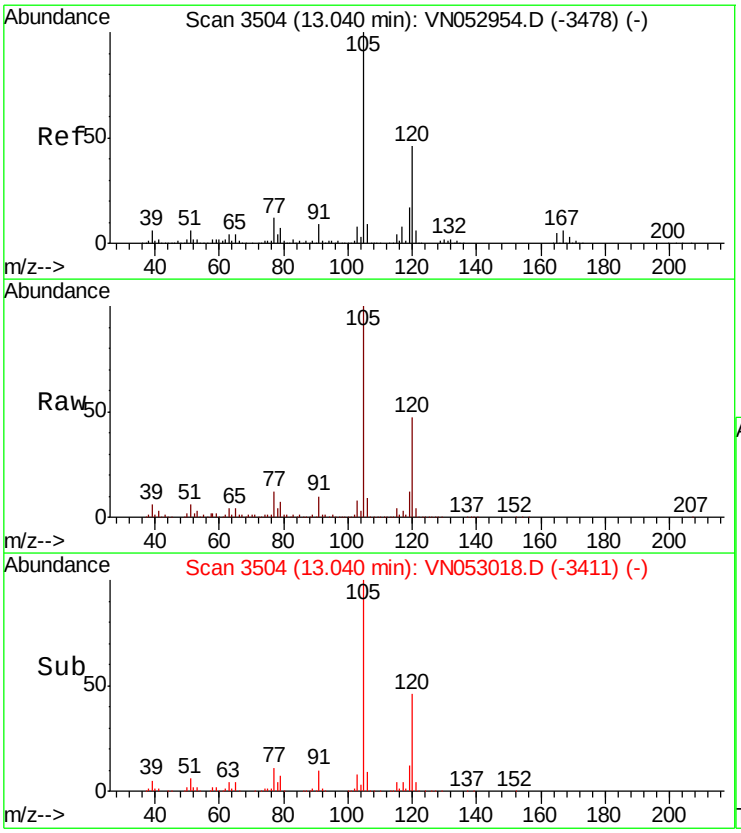
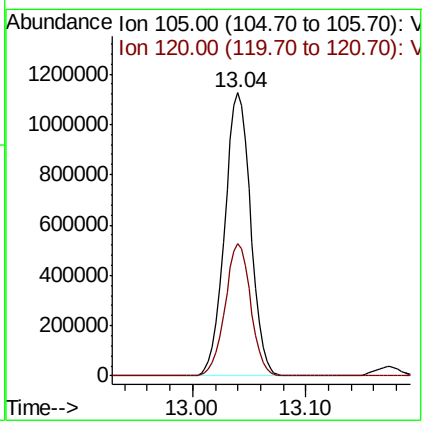
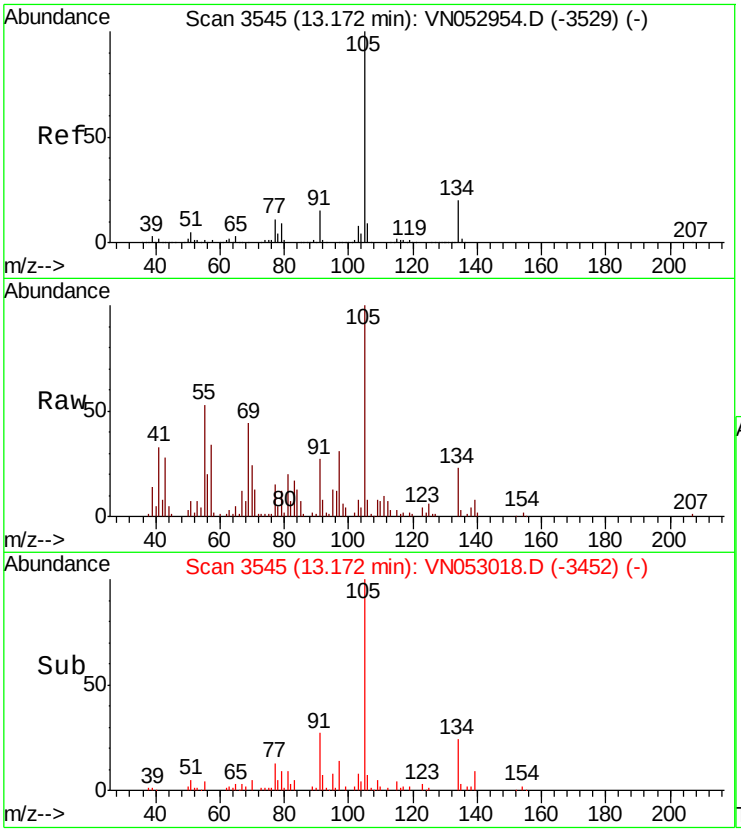


#84
1,2,4-Trimethylbenzene
Concen: 39.553 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:105 Resp: 1787975

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.8





#85
sec-Butylbenzene
Concen: 1.078 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:105 Resp: 57974

Ion	Ratio	Lower	Upper
105	100		
134	37.5	10.1	30.3#

Instrument :
MSVOA_N
ClientSampleId :
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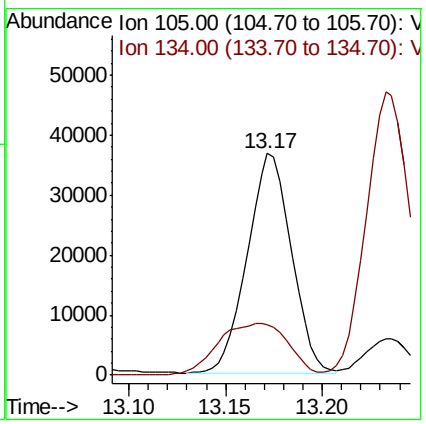
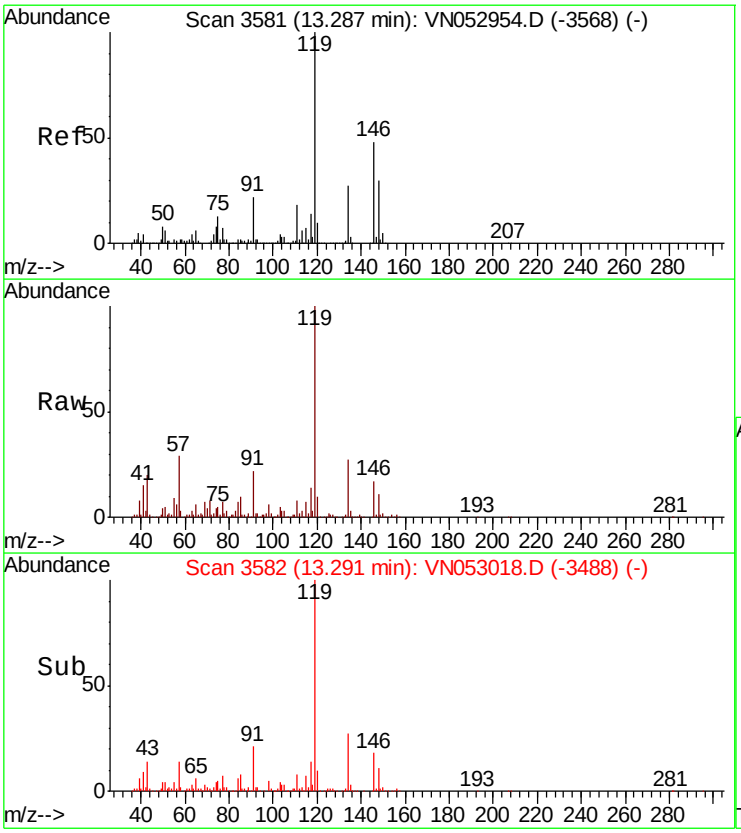
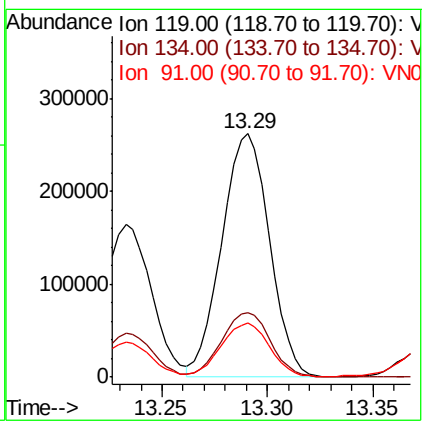


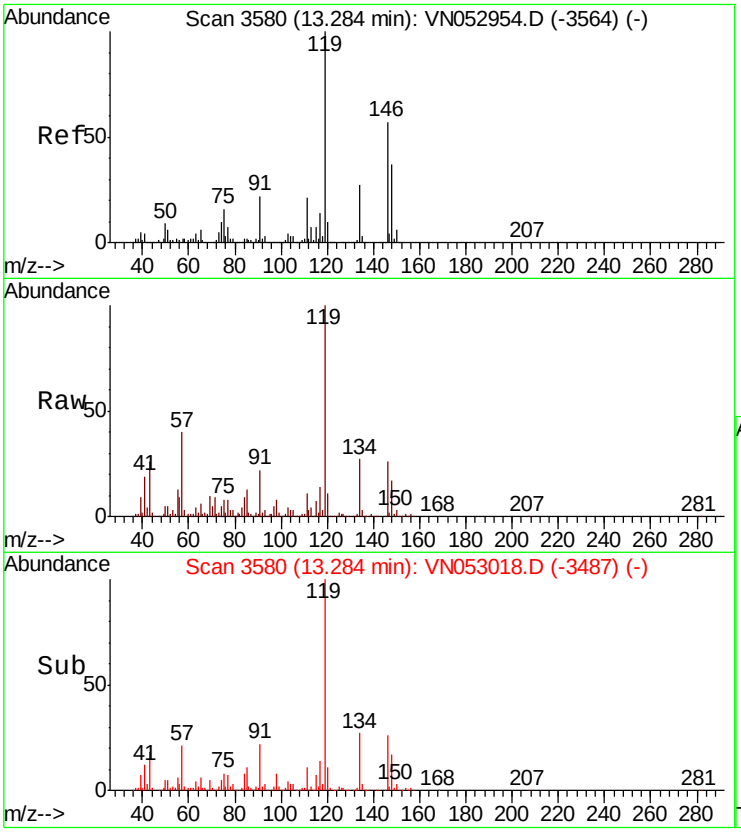


#86
p-Isopropyltoluene
Concen: 8.839 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:119 Resp: 410839

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.2
91	21.8	11.1	33.3

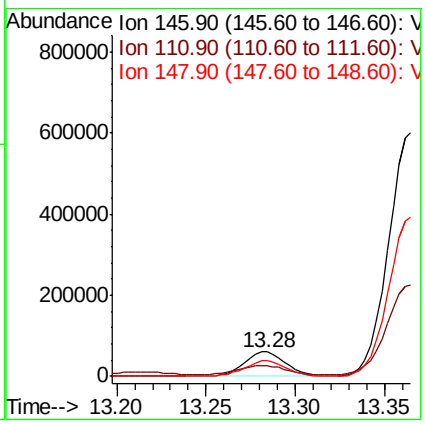




#87
1,3-Dichlorobenzene
Concen: 3.858 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:146 Resp: 97917

Ion	Ratio	Lower	Upper
146	100		
111	48.1	19.1	57.1
148	64.0	32.0	96.0



Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

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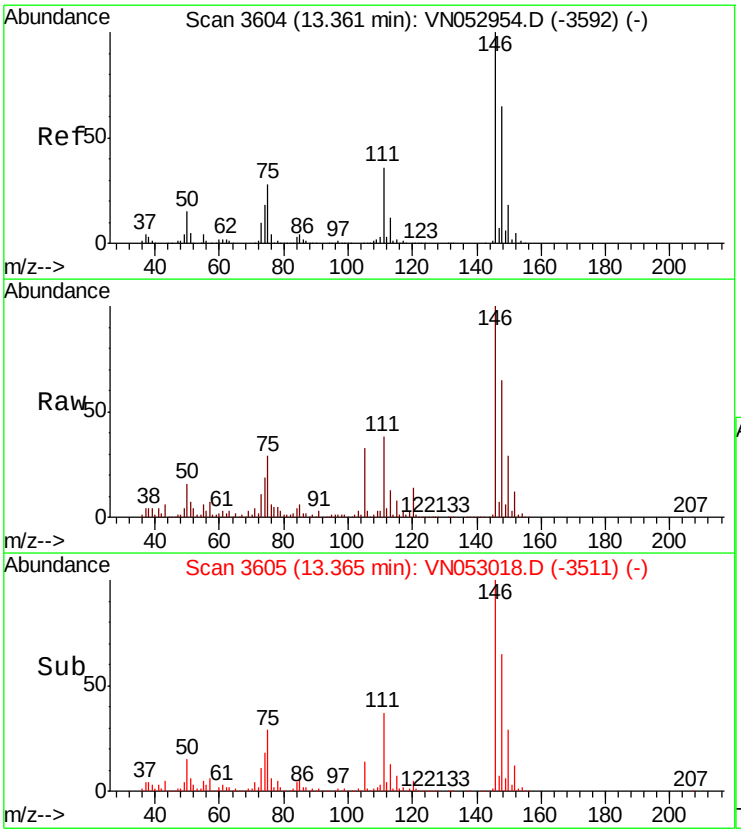
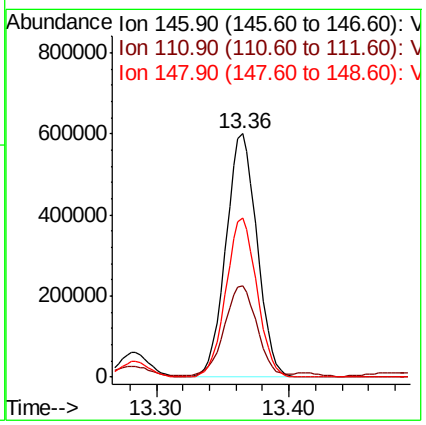
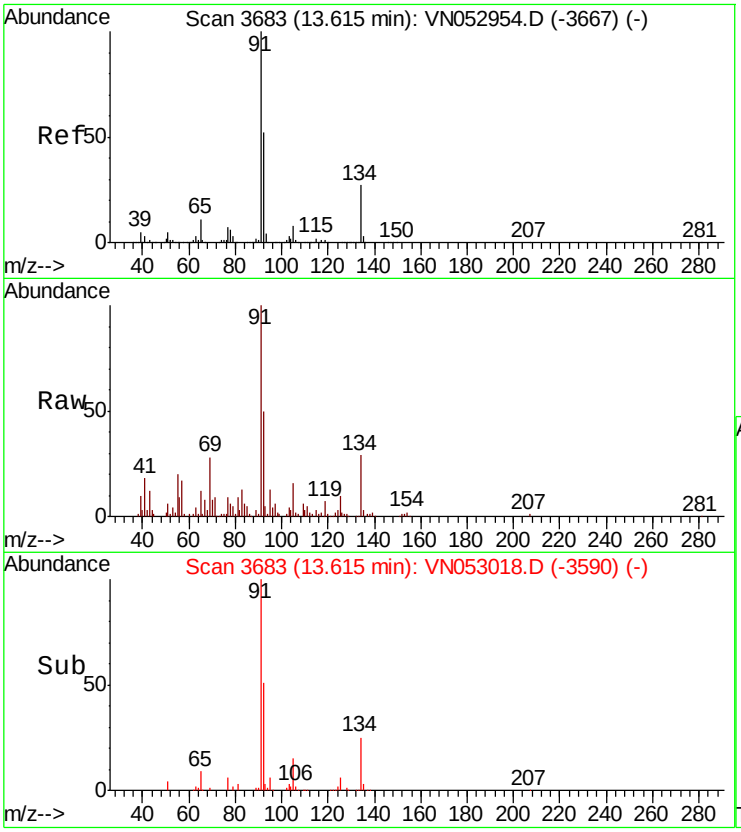


#88
1,4-Dichlorobenzene
Concen: 37.943 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:146 Resp: 975276

Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.6	55.8
148	65.2	32.1	96.5





#89
n-Butylbenzene
Concen: 1.868 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion: 91 Resp: 74679

Ion	Ratio	Lower	Upper
91	100		
92	64.4	26.3	78.9
134	0.0	13.3	39.8#

Instrument :
MSVOA_N
ClientSampleId :
P001-SD013-0006-01ME

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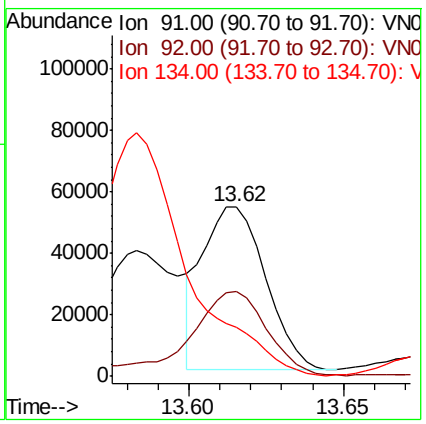

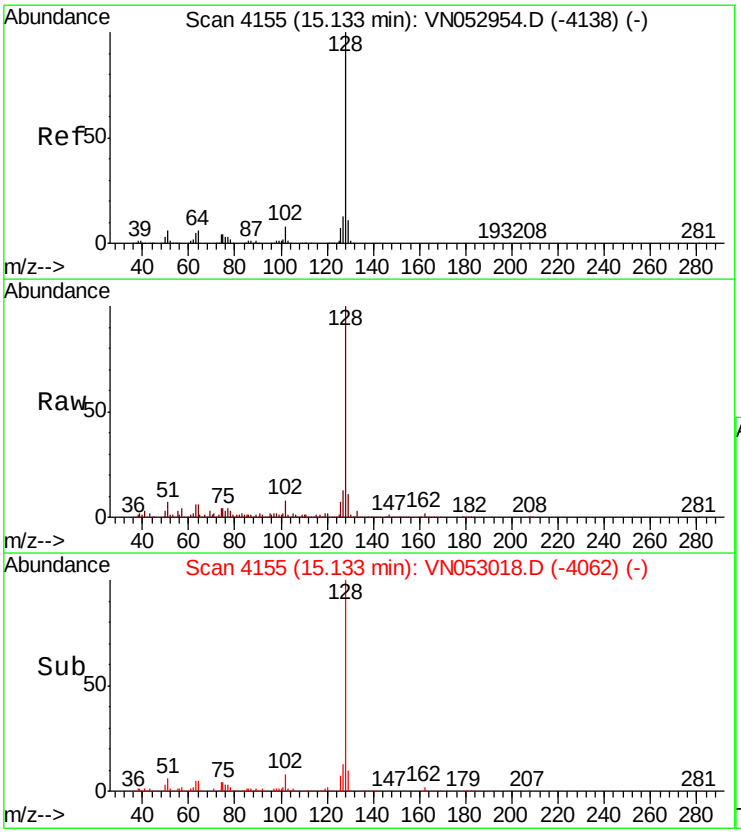

#95
Naphthalene
Concen: 36.372 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053018.D
Acq: 19 Dec 2018 18:23

Tgt Ion:128 Resp: 999475

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.6	13.0