Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
Data File : VX007463.D
Acq On : 11 Feb 2019 13:06
Operator : JC/SP
Sample : K1433-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations
APPROVED
MMDadoda
2/12/2019 12:15:16 PM

Quant Time: Feb 12 00:48:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522624	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	794679	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744568	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375829	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	271791	49.00 ug/l	0.00
Spiked Amount 50.000			Recovery =	98.00%	
35) Dibromofluoromethane	5.51	113	251475	48.63 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.26%	
50) Toluene-d8	8.71	98	952645	49.66 ug/l	0.00
Spiked Amount 50.000			Recovery =	99.32%	
62) 4-Bromofluorobenzene	11.13	95	349028	49.83 ug/l	0.00
Spiked Amount 50.000			Recovery =	99.66%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
11) Tert butyl alcohol	3.06	59	31400	27.352 ug/l	96
16) Acetone	2.45	43	14291	5.624 ug/l	94
19) Methyl tert-butyl Ether	3.20	73	78619	4.863 ug/l #	89
31) Cyclohexane	5.58	56	36180	4.690 ug/l #	93
39) Methylcyclohexane	7.46	83	49635	5.754 ug/l	93
40) Benzene	6.15	78	17381	0.828 ug/l	98
67) Ethyl Benzene	10.26	91	10040	0.384 ug/l	93
68) m/p-Xylenes	10.36	106	4195	0.403 ug/l	96
73) Isopropylbenzene	11.02	105	1260387	49.350 ug/l	99
78) n-propylbenzene	11.36	91	1394805	49.804 ug/l	99
83) tert-Butylbenzene	11.77	119	35428	1.713 ug/l	97
85) sec-Butylbenzene	11.94	105	148949	5.949 ug/l	96
89) n-Butylbenzene	12.38	91	94797m	4.876 ug/l	
95) Naphthalene	13.83	128	9832	0.388 ug/l #	78

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

Quantitation Report (QT/LSC Reviewed)

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Data File : VX007463.D
Acq On : 11 Feb 2019 13:06
Operator : JC/SP
Sample : K1433-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 12 00:48:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
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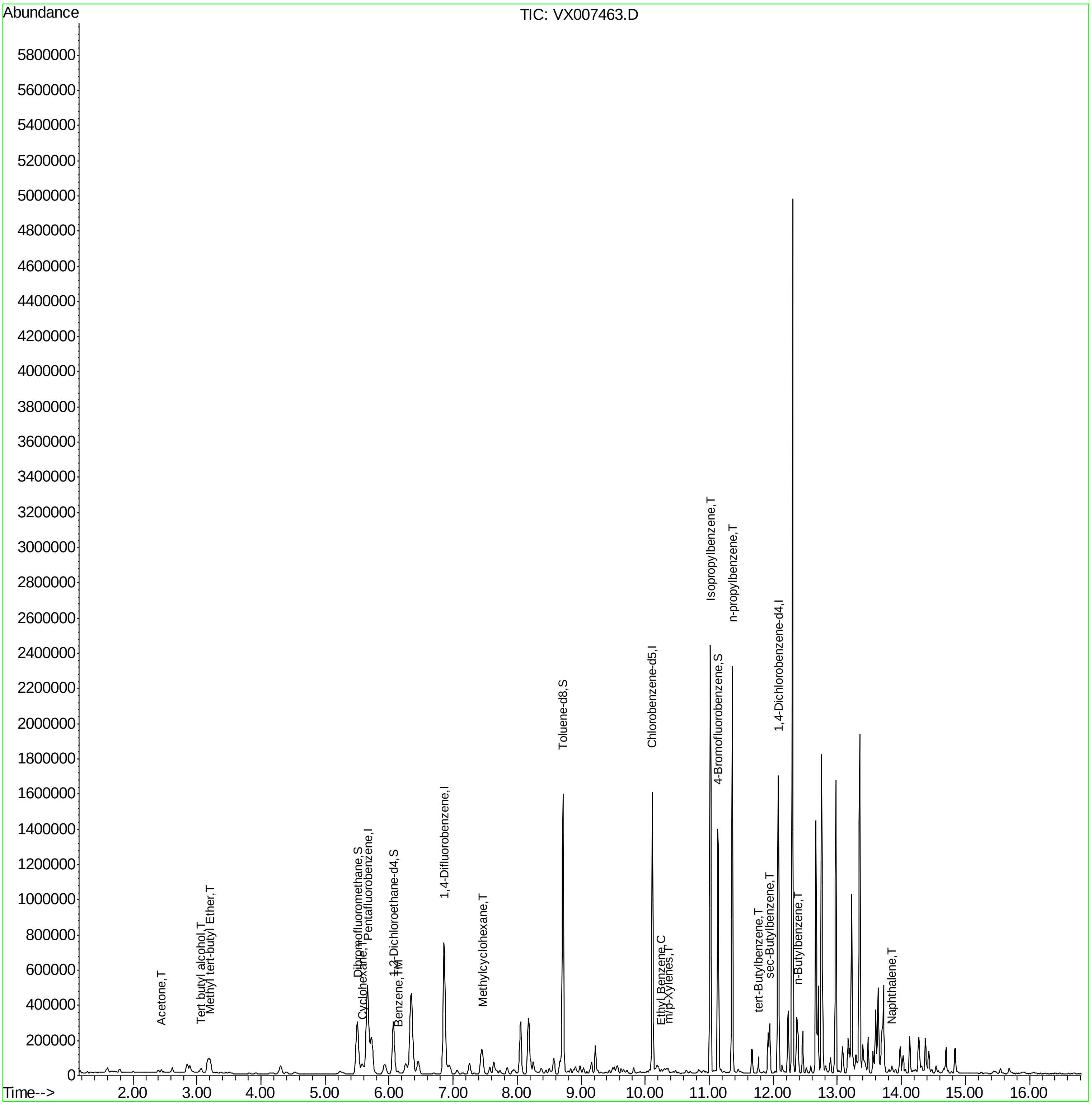

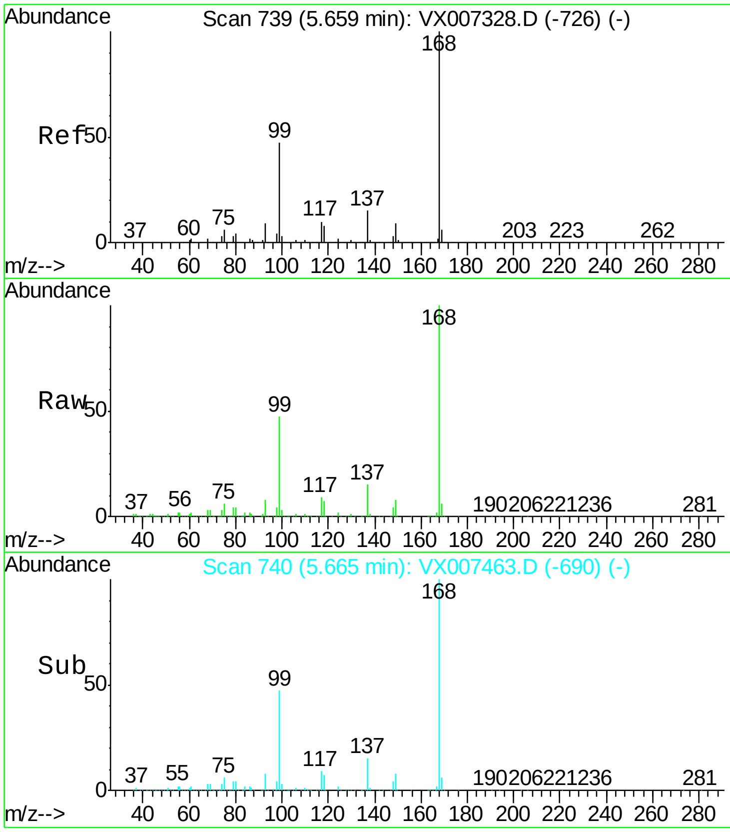

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion:168 Resp: 522624

Ion	Ratio	Lower	Upper
168	100		
99	47.4	37.9	56.9

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
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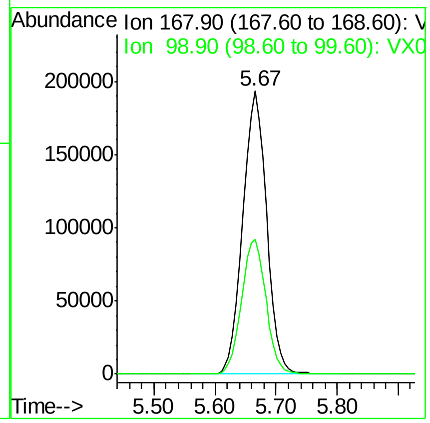
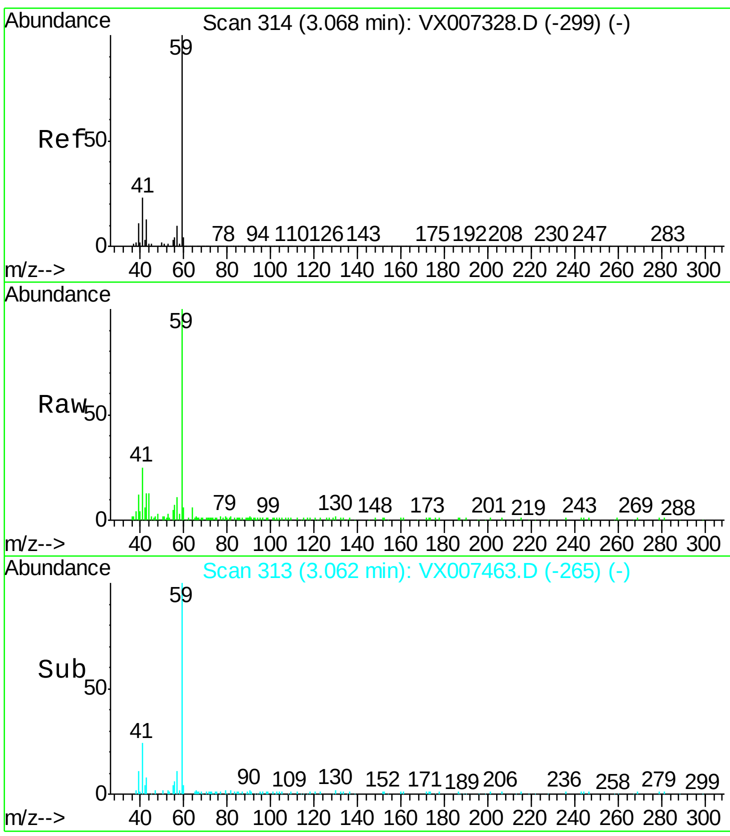
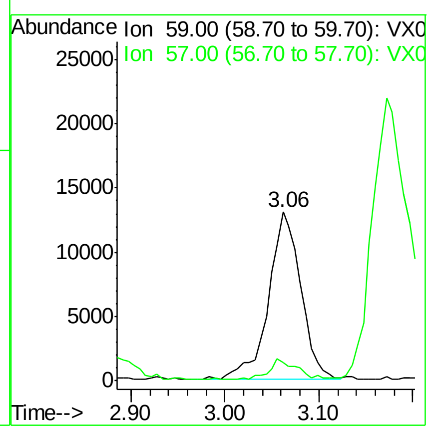


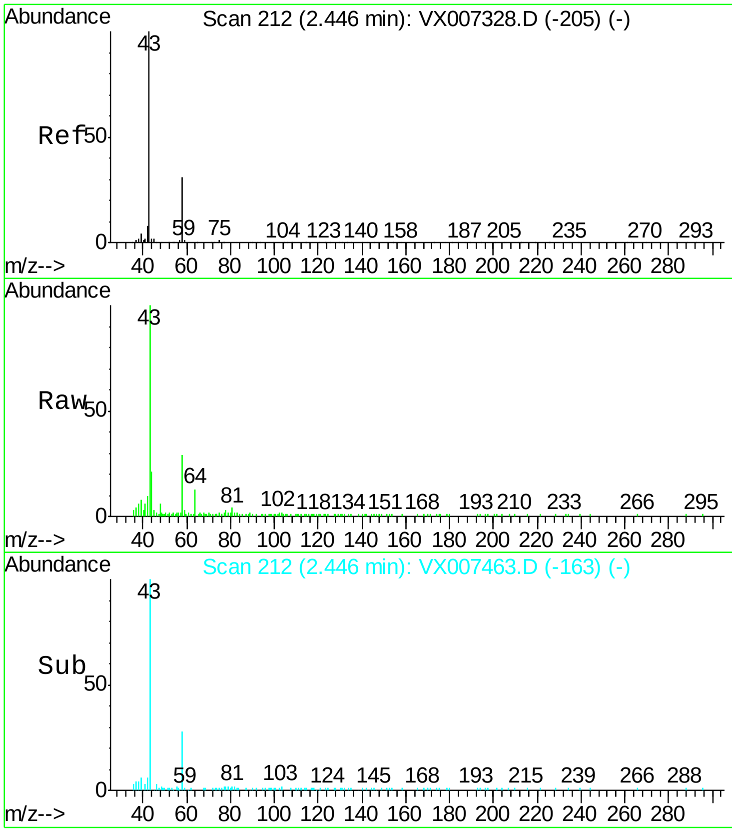


#11
Tert butyl alcohol
Concen: 27.352 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 59 Resp: 31400

Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.1	12.1





#16
Acetone
Concen: 5.624 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Tgt Ion: 43	Resp:		14291
Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.9	37.3

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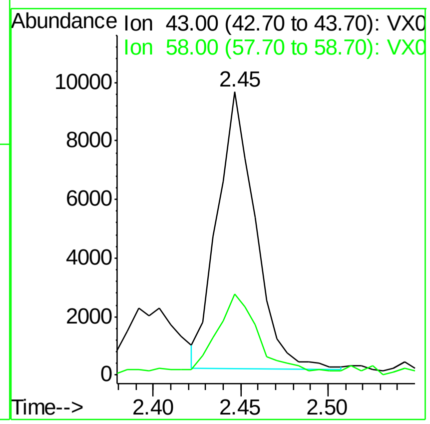
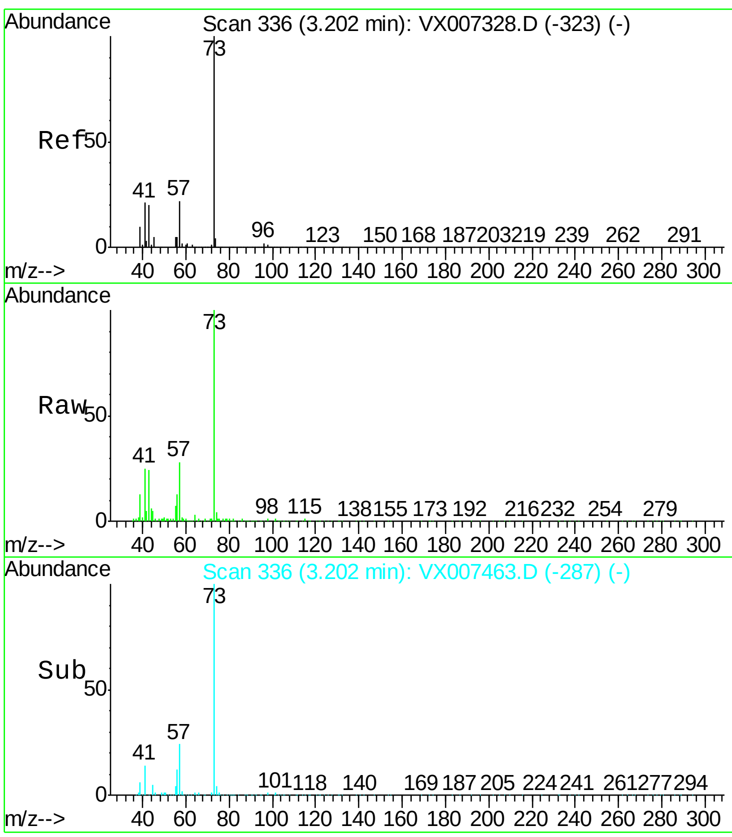
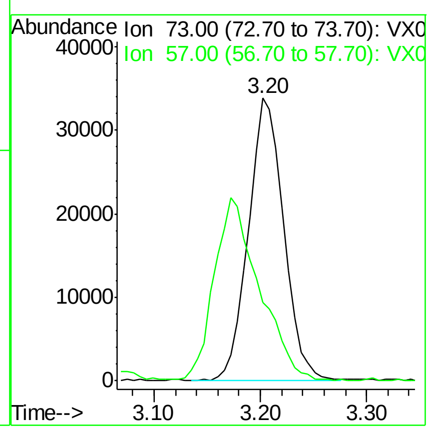
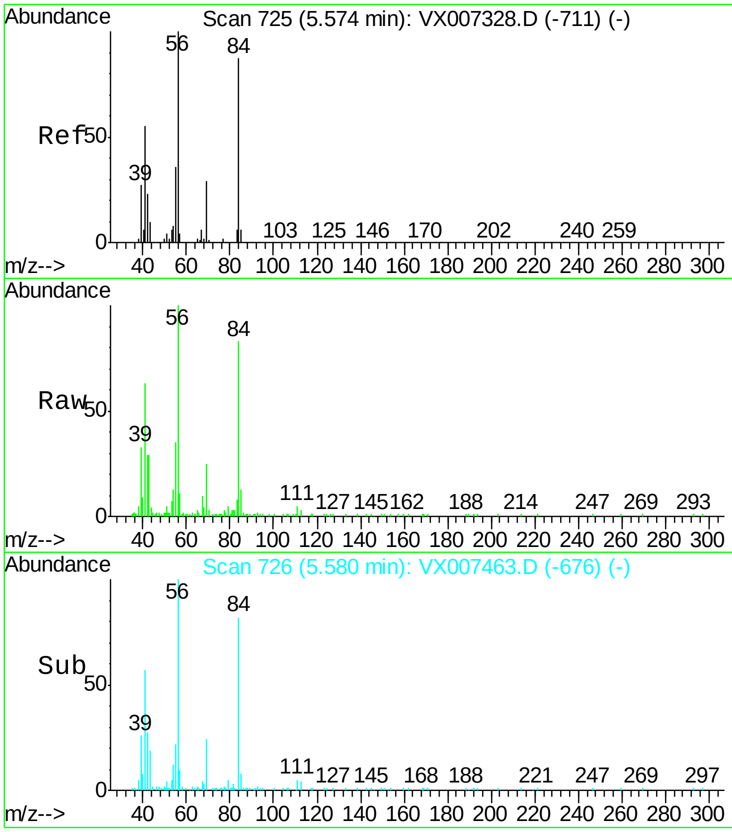




#19
Methyl tert-butyl Ether
Concen: 4.863 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 73	Resp:		78619
Ion	Ratio	Lower	Upper
73	100		
57	27.6	17.8	26.8#





#31
Cyclohexane
Concen: 4.690 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
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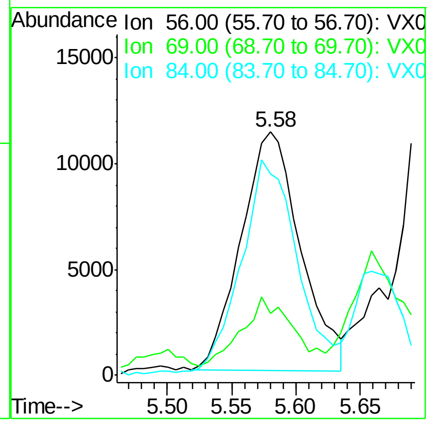
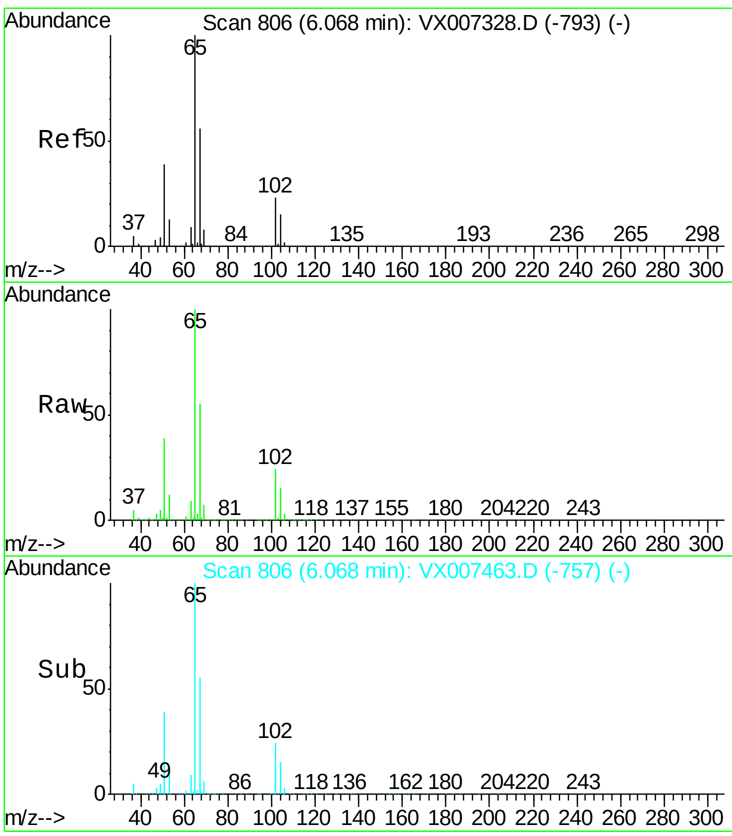
Tgt Ion: 56 Resp: 36180

Ion	Ratio	Lower	Upper
56	100		
69	21.4	23.0	34.6#
84	83.1	69.8	104.6

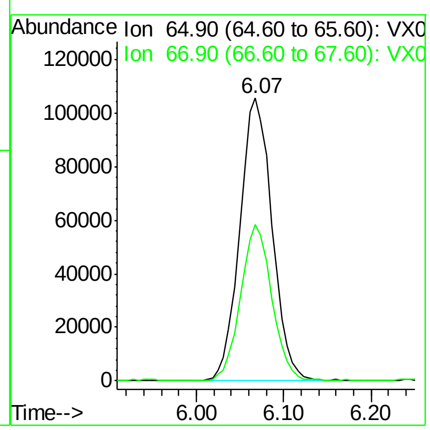


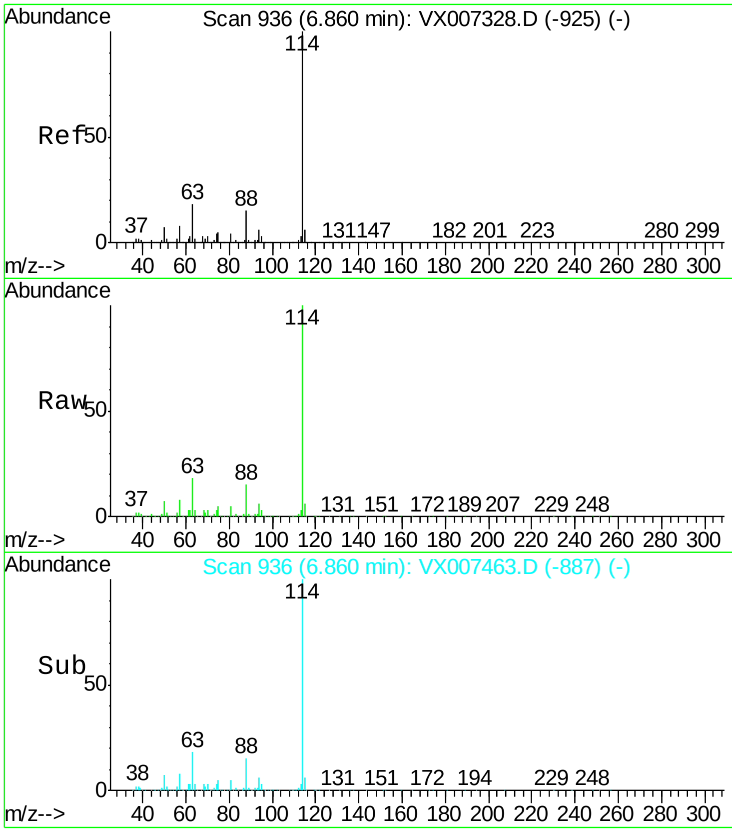


#33
1,2-Dichloroethane-d4
Concen: 48.996 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 65 Resp: 271791

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.8

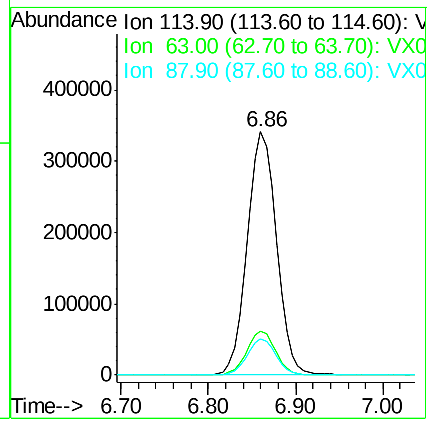




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion:114 Resp: 794679

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	14.8	0.0	29.6



Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
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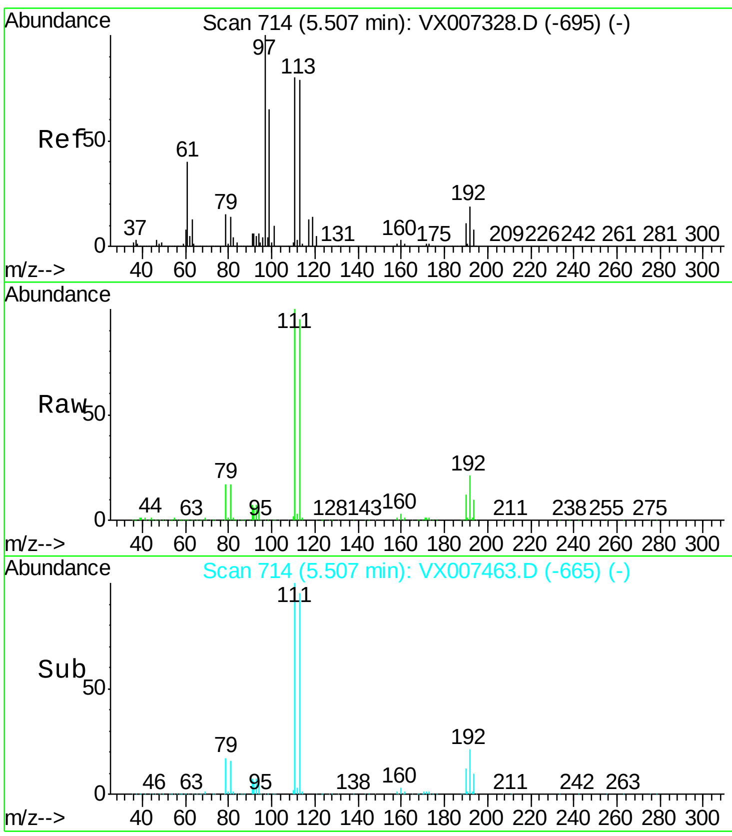
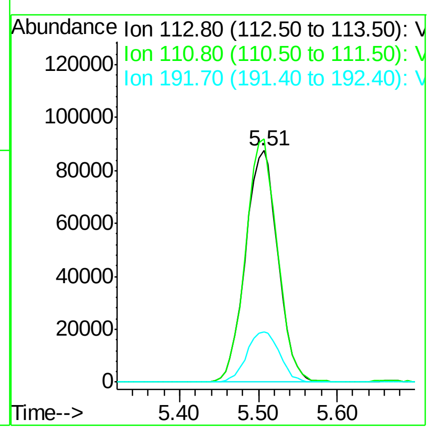
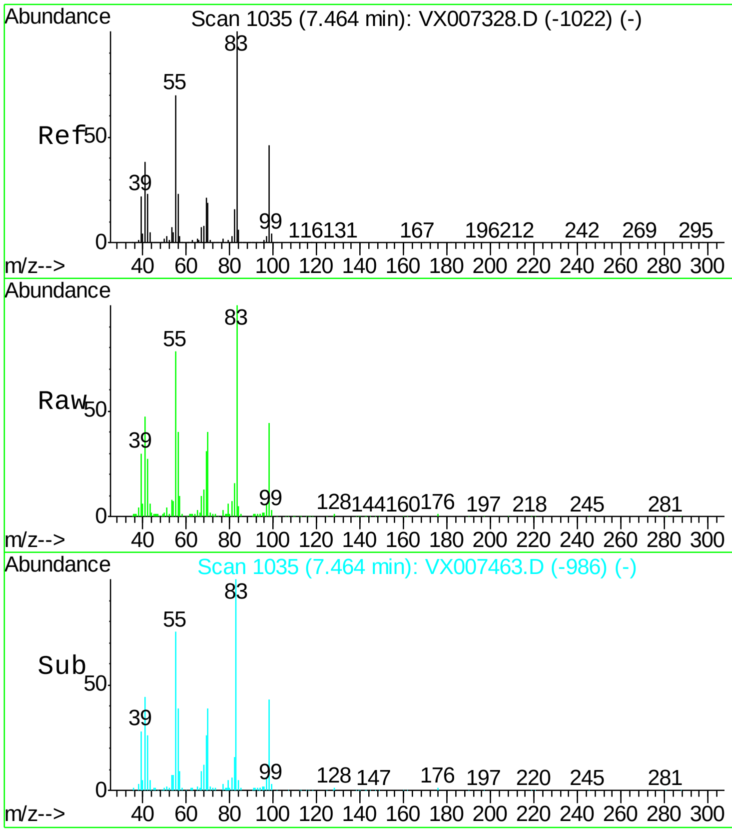


#35
Dibromofluoromethane
Concen: 48.635 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion:113 Resp: 251475

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	22.2	18.5	27.7





#39
Methylcyclohexane
Concen: 5.754 ug/l
RT: 7.46 min Scan# 1035
Delta R.T.   0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 83 Resp: 49635

Ion	Ratio	Lower	Upper
83	100		
55	78.2	56.2	84.2
98	44.5	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
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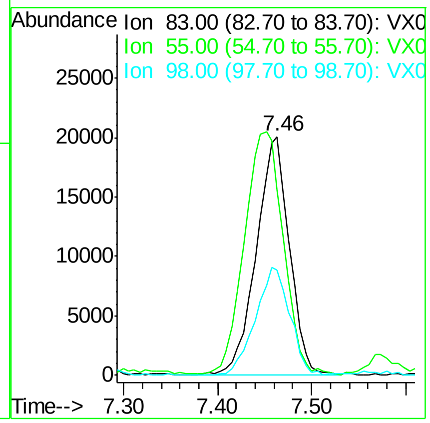
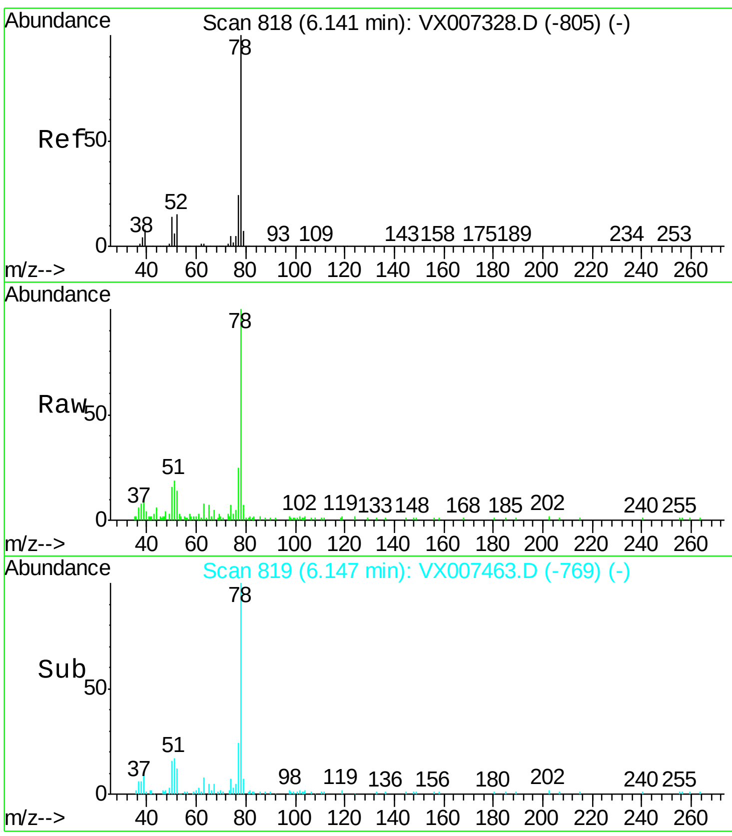
2/12/2019 12:15:16 PM

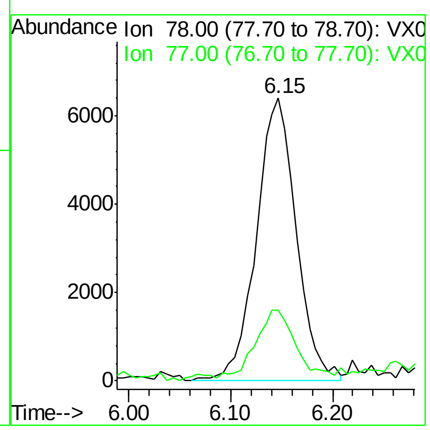


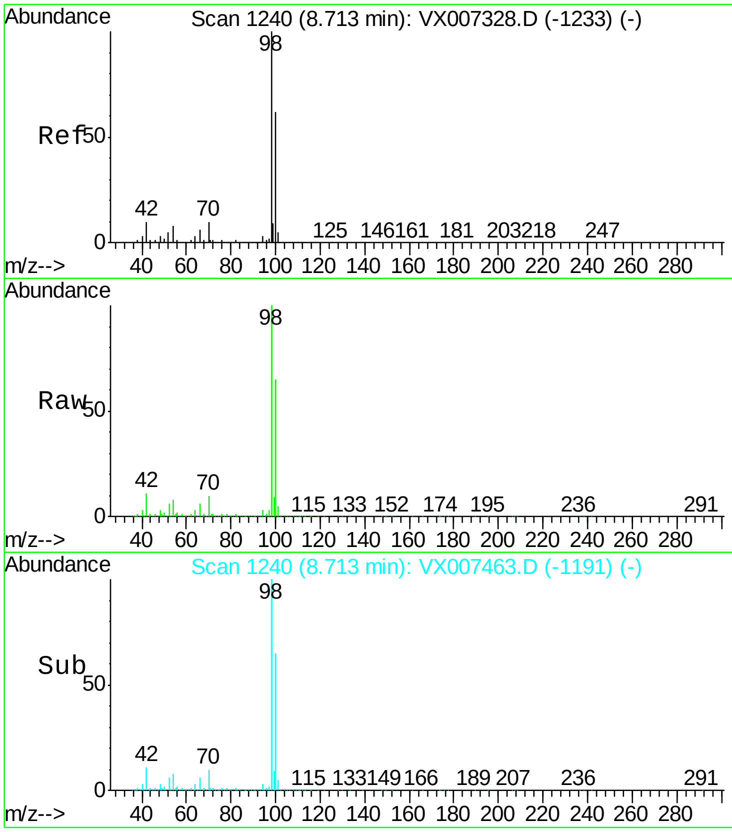


#40
Benzene
Concen: 0.828 ug/l
RT: 6.15 min Scan# 819
Delta R.T.   0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 78 Resp: 17381

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





#50
Toluene-d8
Concen: 49.658 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
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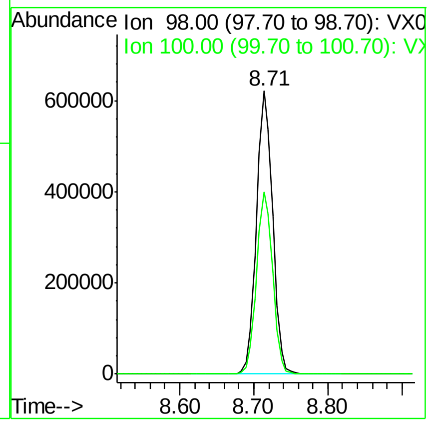
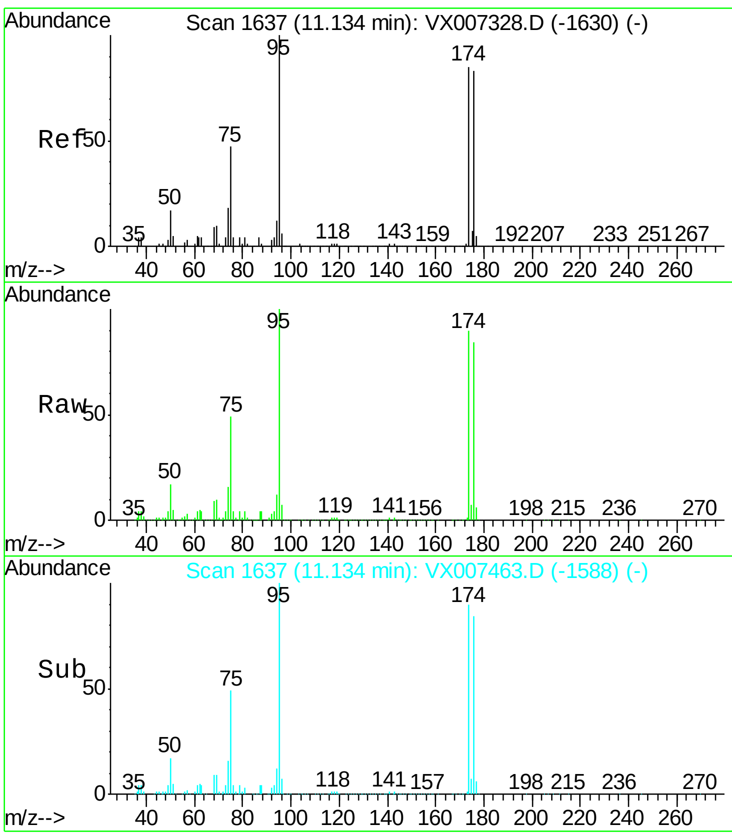
2/12/2019 12:15:16 PM

Tgt Ion: 98 Resp: 952645

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

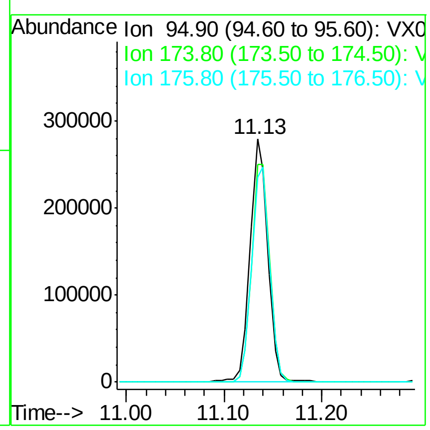


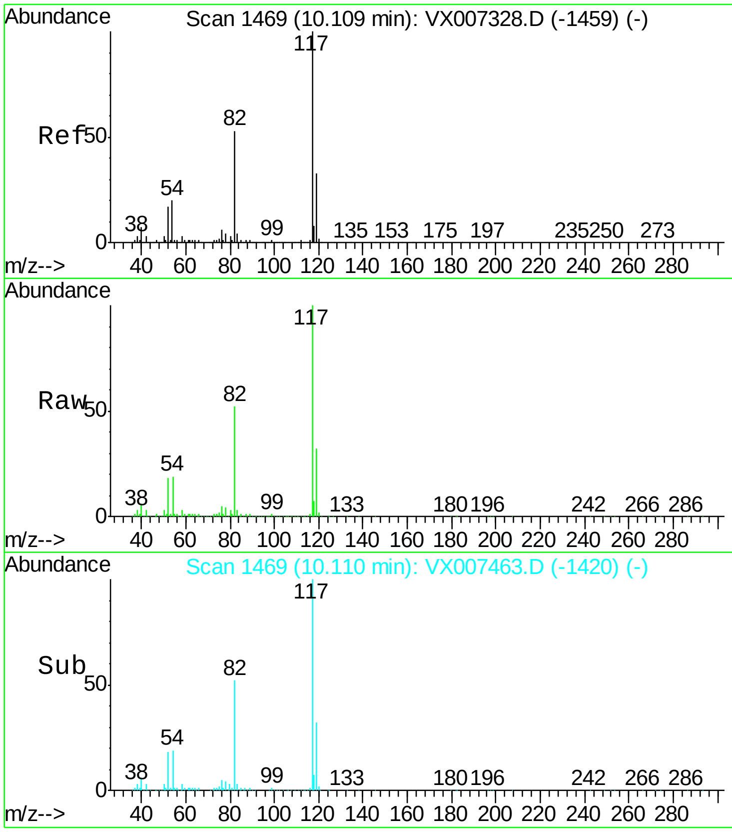


#62
4-Bromofluorobenzene
Concen: 49.832 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion: 95 Resp: 349028

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	189.2
176	90.3	0.0	186.2





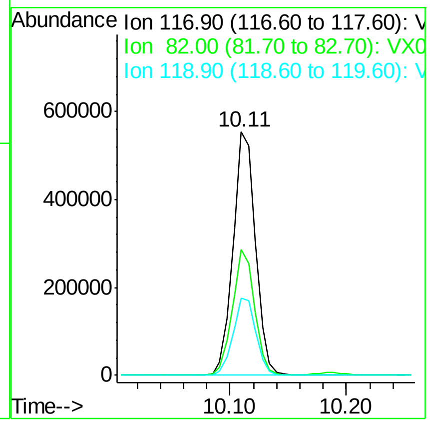
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min   Scan# 1469
Delta R.T.   0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019   13:06

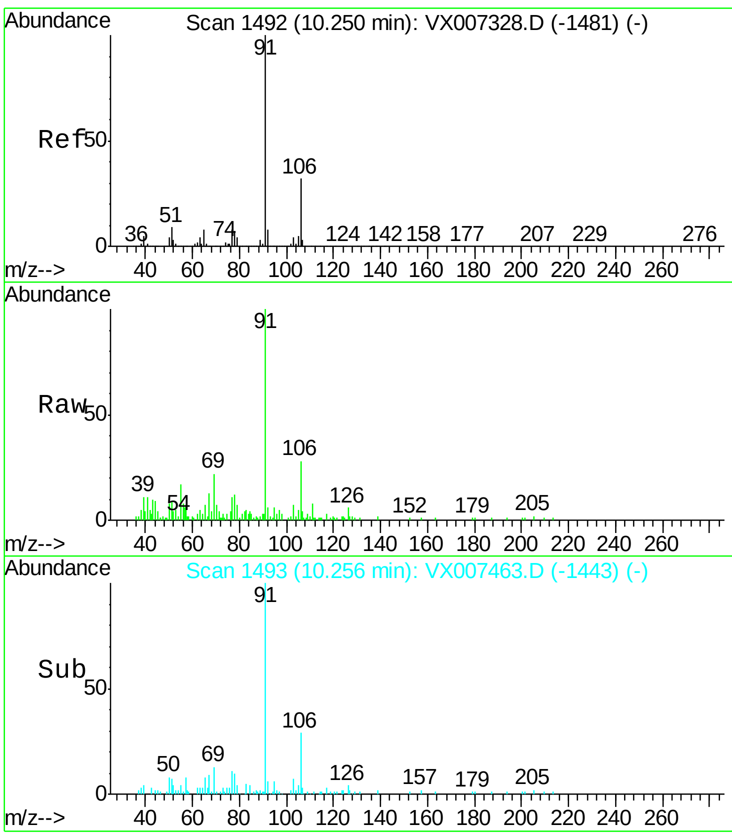
Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
MMDadoda
2/12/2019 12:15:16 PM

Tgt Ion:117 Resp: 744568

Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.1	63.1
119	31.9	26.5	39.7

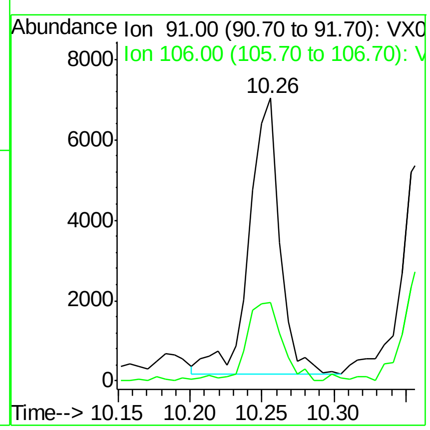


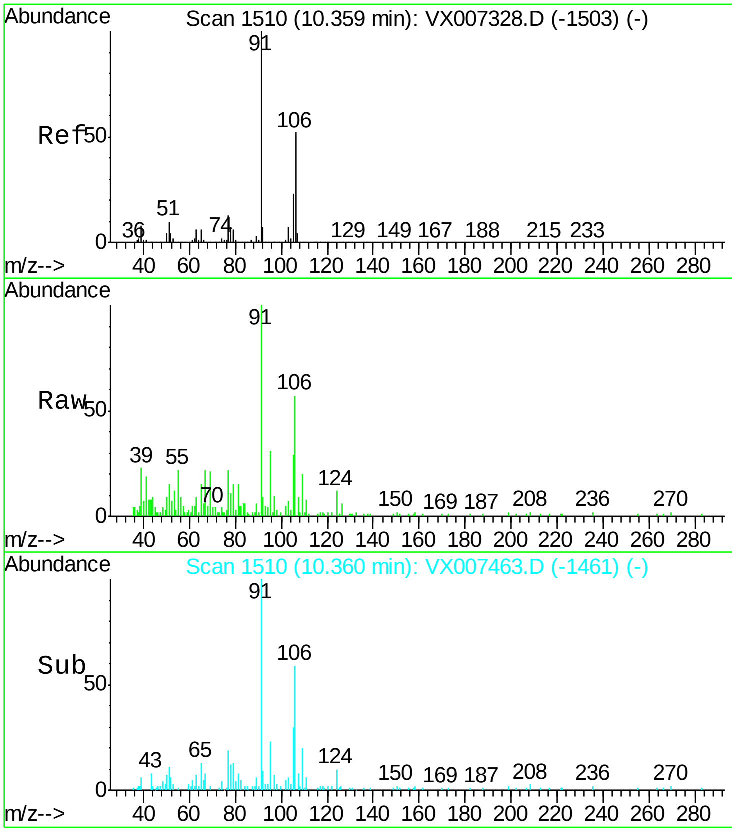


#67
Ethyl Benzene
Concen: 0.384 ug/l
RT: 10.26 min   Scan# 1493
Delta R.T.   0.01 min
Lab File: VX007463.D
Acq: 11 Feb 2019   13:06

Tgt Ion: 91 Resp: 10040

Ion	Ratio	Lower	Upper
91	100		
106	27.8	25.4	38.0





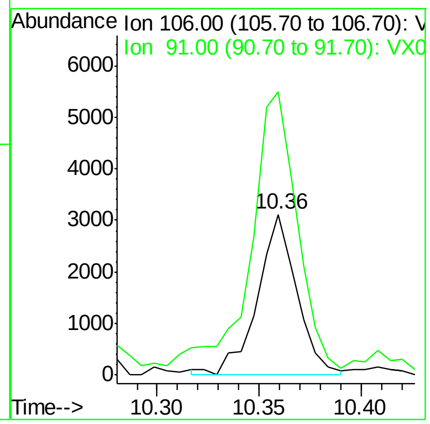
#68
m/p-Xylenes
Concen: 0.403 ug/l
RT: 10.36 min   Scan# 1510
Delta R.T.   0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019   13:06

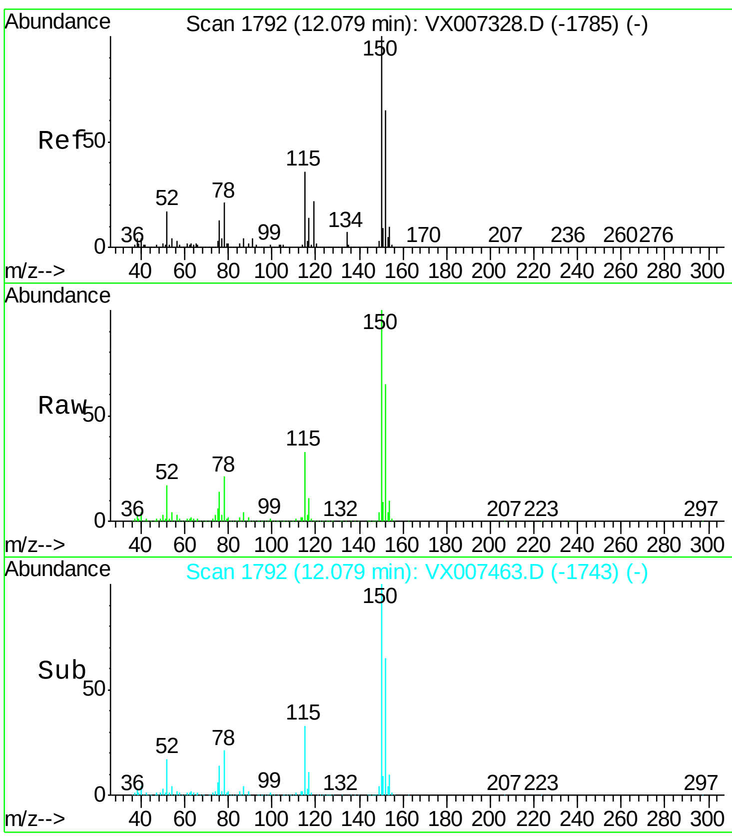
Tgt Ion:106 Resp: 4195

Ion	Ratio	Lower	Upper
106	100		
91	201.3	156.6	234.8

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
MMDadoda
2/12/2019 12:15:16 PM

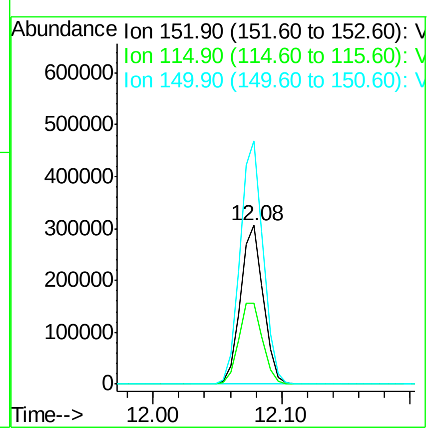


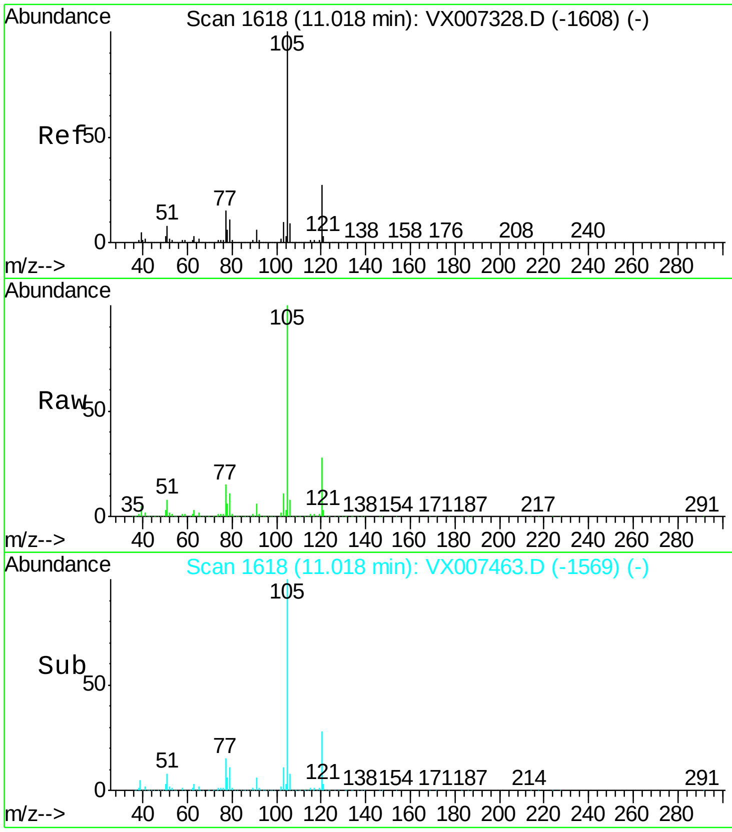


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min   Scan# 1792
Delta R.T.   0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019   13:06

Tgt Ion:152 Resp: 375829

Ion	Ratio	Lower	Upper
152	100		
115	53.4	38.0	114.0
150	155.0	0.0	346.4





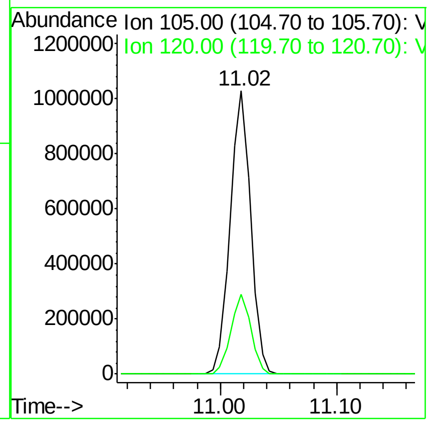
#73
Isopropylbenzene
Concen: 49.350 ug/l
RT: 11.02 min   Scan# 1618
Delta R.T.   0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019   13:06

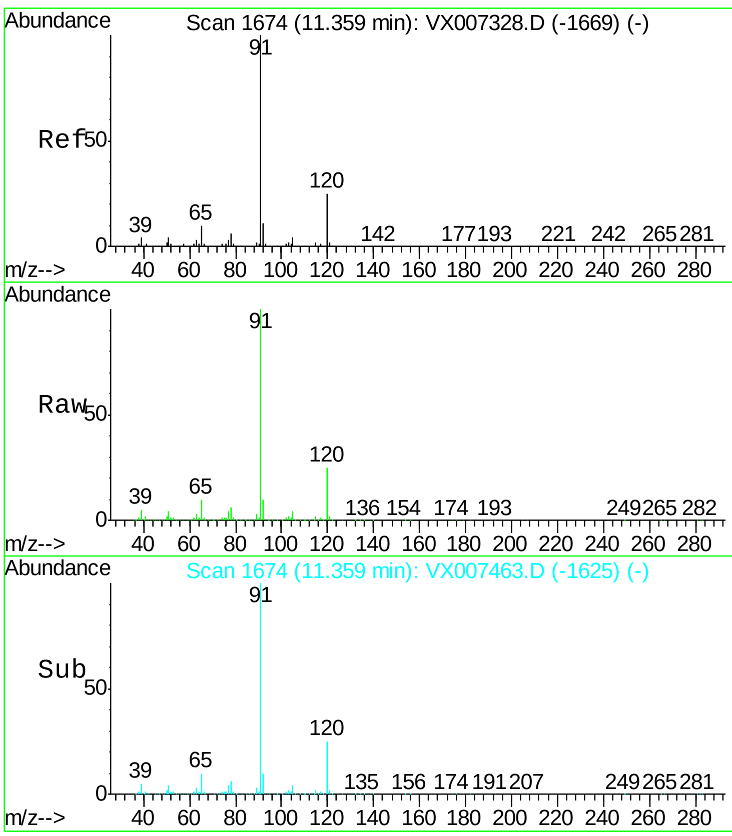
Tgt Ion:105 Resp: 1260387

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.6	40.7

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
MMDadoda
2/12/2019 12:15:16 PM

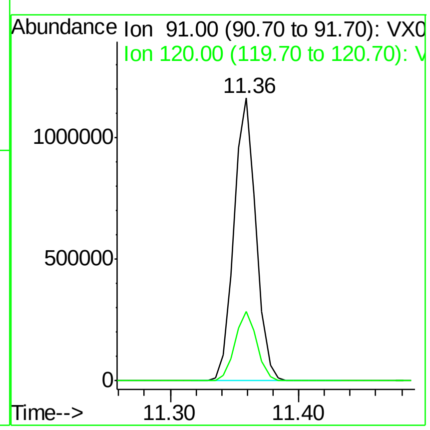


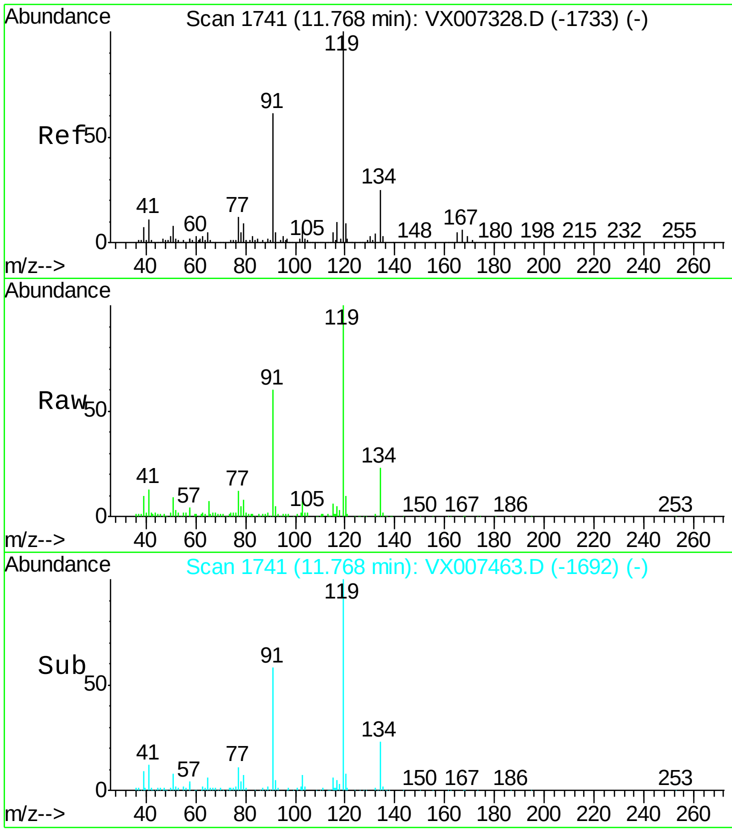


#78
n-propylbenzene
Concen: 49.804 ug/l
RT: 11.36 min   Scan# 1674
Delta R.T.   0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019   13:06

Tgt Ion: 91 Resp: 1394805

Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.4	37.2





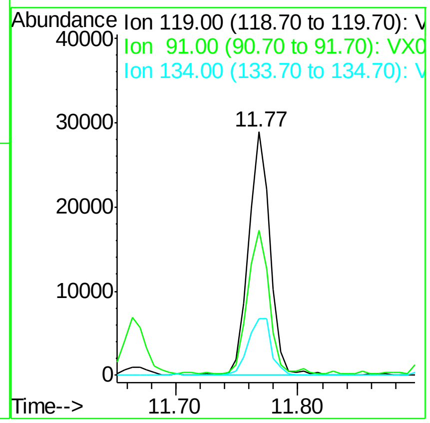
#83
tert-Butylbenzene
Concen: 1.713 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

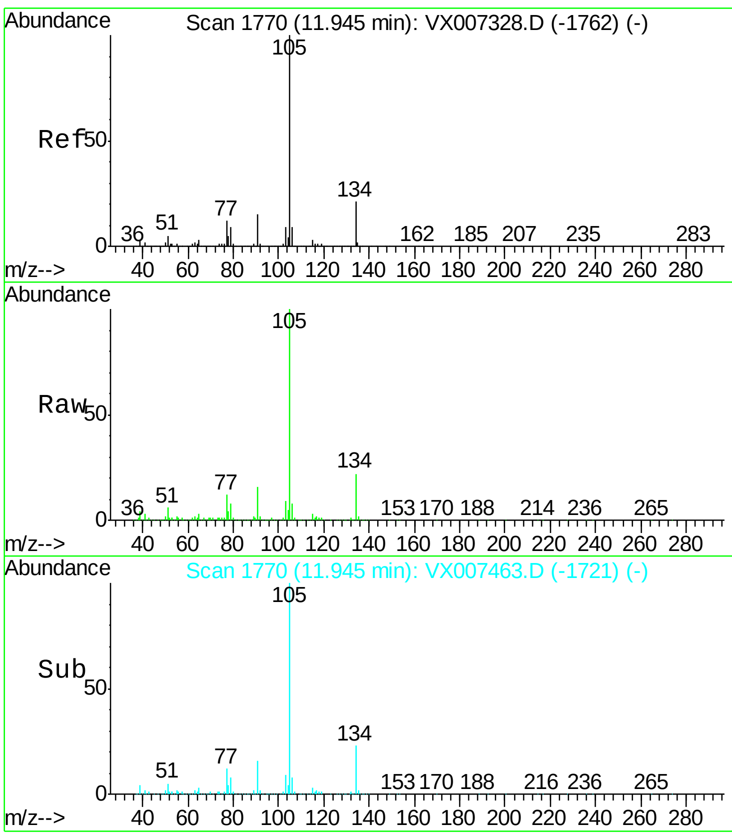
Tgt Ion:119 Resp: 35428

Ion	Ratio	Lower	Upper
119	100		
91	59.5	28.5	85.6
134	25.6	12.0	36.0

Instrument : MSVOA_X
ClientSampleId : KY001MW030-190207

Manual Integrations APPROVED
MMDadoda
2/12/2019 12:15:16 PM

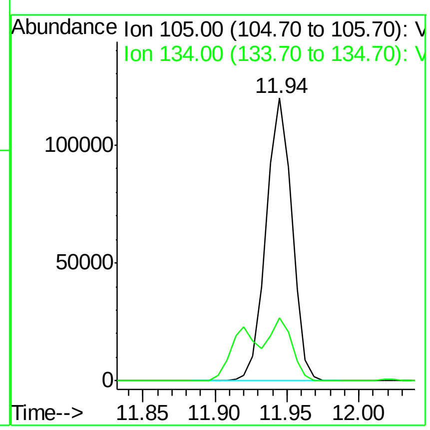


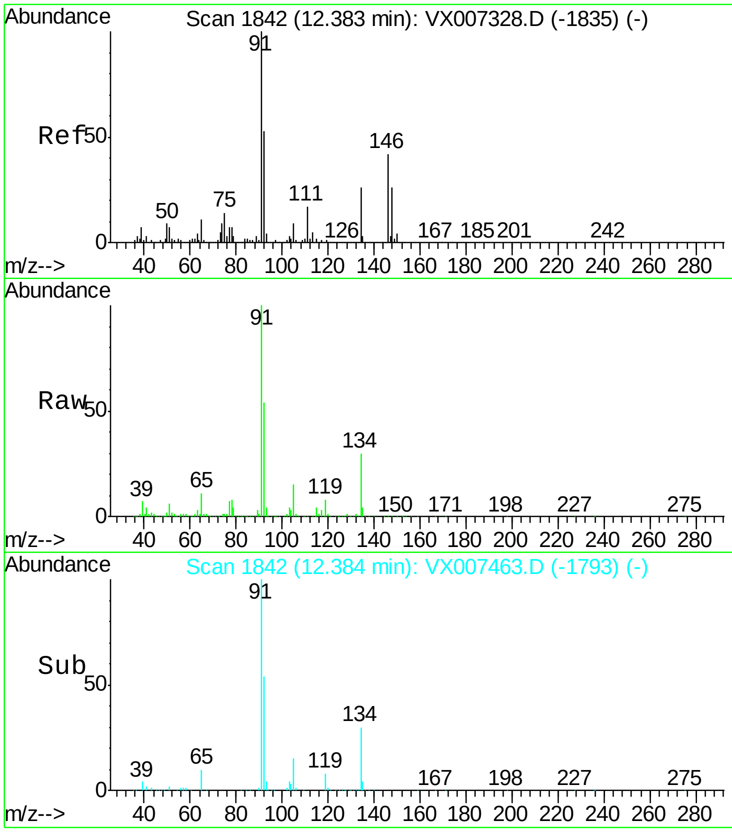


#85
sec-Butylbenzene
Concen: 5.949 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion:105 Resp: 148949

Ion	Ratio	Lower	Upper
105	100		
134	19.2	10.6	31.8





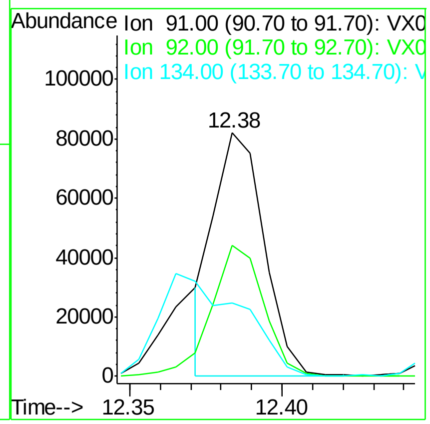
#89
n-Butylbenzene
Concen: 4.876 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

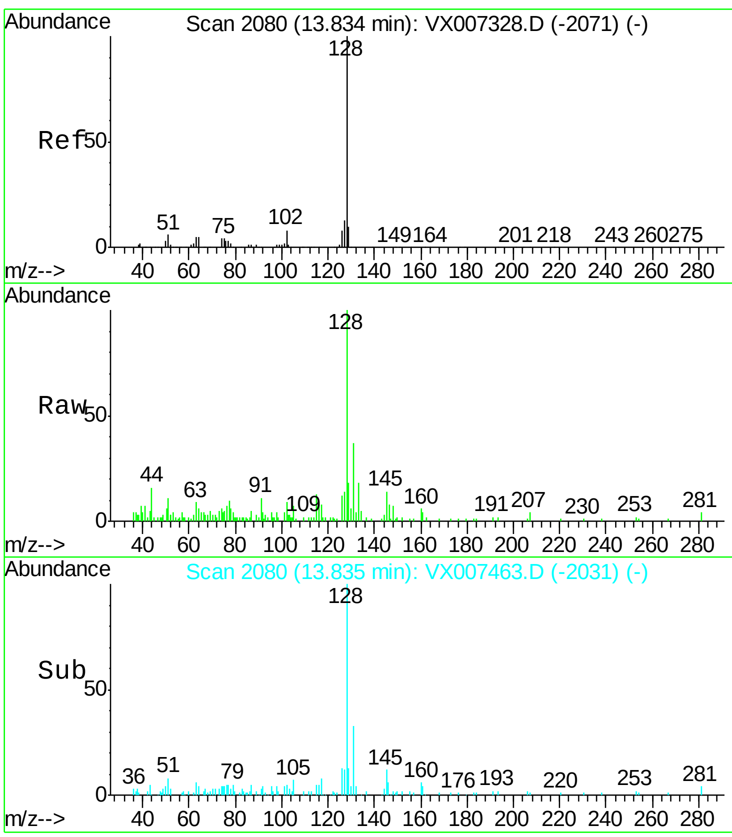
Tgt Ion: 91 Resp: 94797

Ion	Ratio	Lower	Upper
91	100		
92	56.2	26.3	78.9
134	69.6	13.9	41.6#

Instrument :
MSVOA_X
ClientSampleId :
KY001MW030-190207

Manual Integrations APPROVED
MMDadoda
2/12/2019 12:15:16 PM





#95
Naphthalene
Concen: 0.388 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007463.D
Acq: 11 Feb 2019 13:06

Tgt Ion:128 Resp: 9832

Ion	Ratio	Lower	Upper
128	100		
127	5.3	10.5	15.7#
129	20.6	8.7	13.1#