Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092519\
Data File : VX012661.D
Acq On : 25 Sep 2019 16:08
Operator : JC/SP
Sample : K5008-01ME
Misc : 4.71g/5mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SB-1ME

Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

Quant Time: Sep 28 03:13:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	158855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	280996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	116536	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.76%			
35) Dibromofluoromethane	5.48	113	79661	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.20%			
50) Toluene-d8	8.71	98	331701	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.94%			
62) 4-Bromofluorobenzene	11.14	95	129543	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.24%			
Target Compounds						Qvalue
31) Cyclohexane	5.55	56	9645m	2.995	ug/l	
39) Methylcyclohexane	7.45	83	63218	19.388	ug/l	97
40) Benzene	6.13	78	5248	0.659	ug/l	96
52) Toluene	8.78	92	6471	1.292	ug/l	99
67) Ethyl Benzene	10.25	91	129191	14.177	ug/l	100
68) m/p-Xylenes	10.36	106	43344	12.698	ug/l	97
69) o-Xylene	10.70	106	5074	1.536	ug/l	99
73) Isopropylbenzene	11.01	105	73635	8.441	ug/l	99
78) n-propylbenzene	11.35	91	212357	21.622	ug/l	97
80) 1,3,5-Trimethylbenzene	11.45	105	263650	36.040	ug/l	70
83) tert-Butylbenzene	11.77	119	7494	1.062	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	1118175	151.519	ug/l	100
85) sec-Butylbenzene	11.94	105	150816	18.375	ug/l	86
86) p-Isopropyltoluene	12.06	119	123328	16.652	ug/l	99
89) n-Butylbenzene	12.39	91	175080m	26.827	ug/l	
95) Naphthalene	13.83	128	1036572	132.065	ug/l	97

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

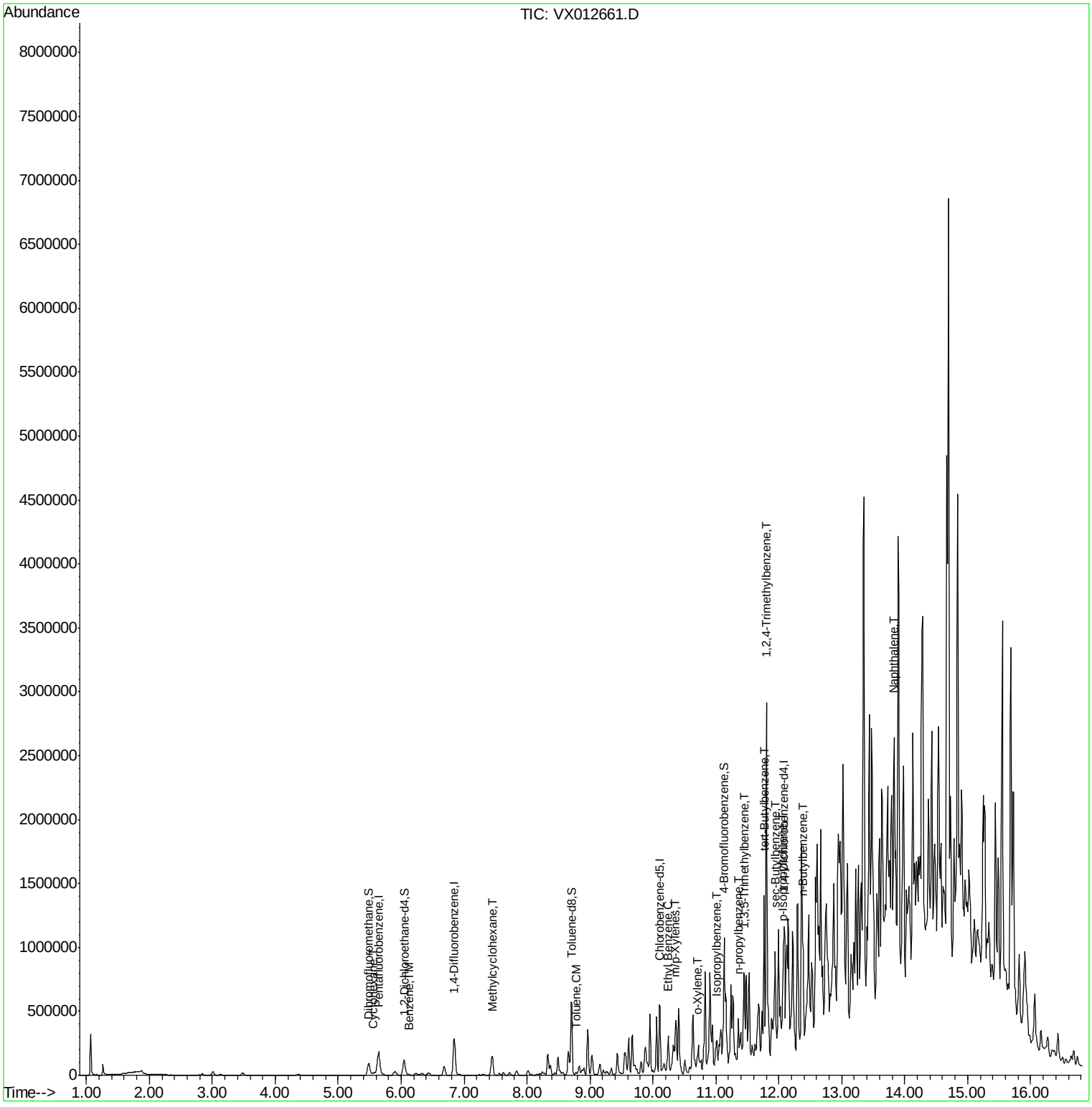
Quantitation Report (QT Reviewed)

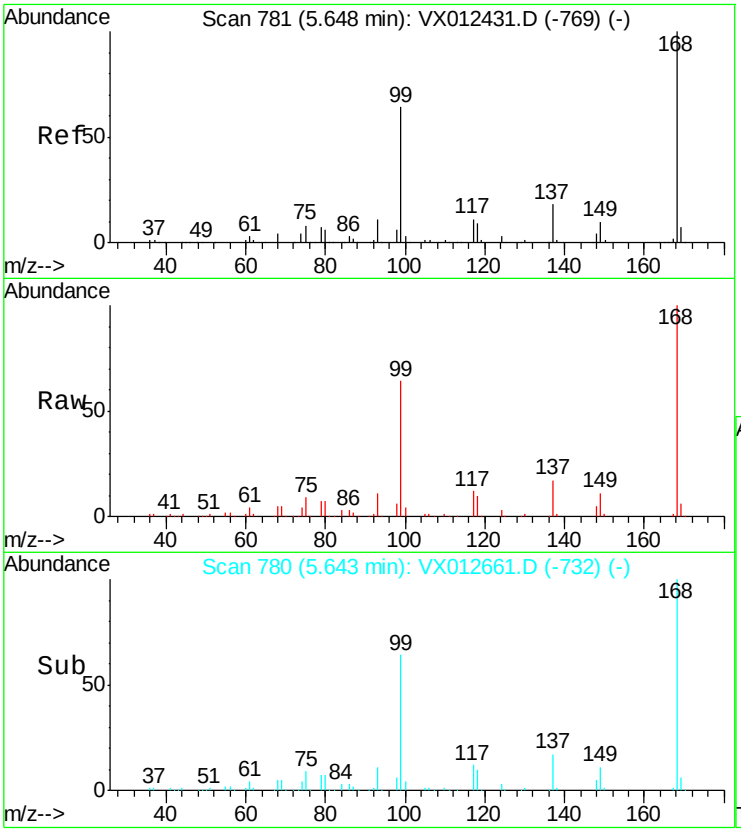
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092519\
Data File : VX012661.D
Acq On : 25 Sep 2019 16:08
Operator : JC/SP
Sample : K5008-01ME
Misc : 4.71g/5mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 28 03:13:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

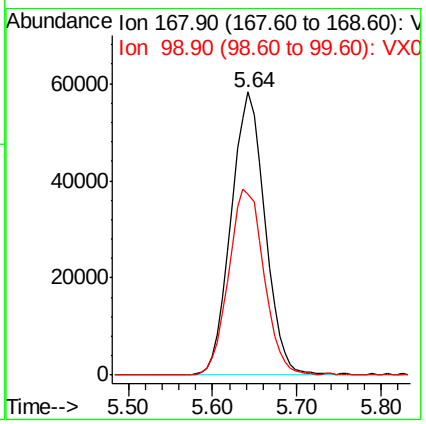




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.01 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

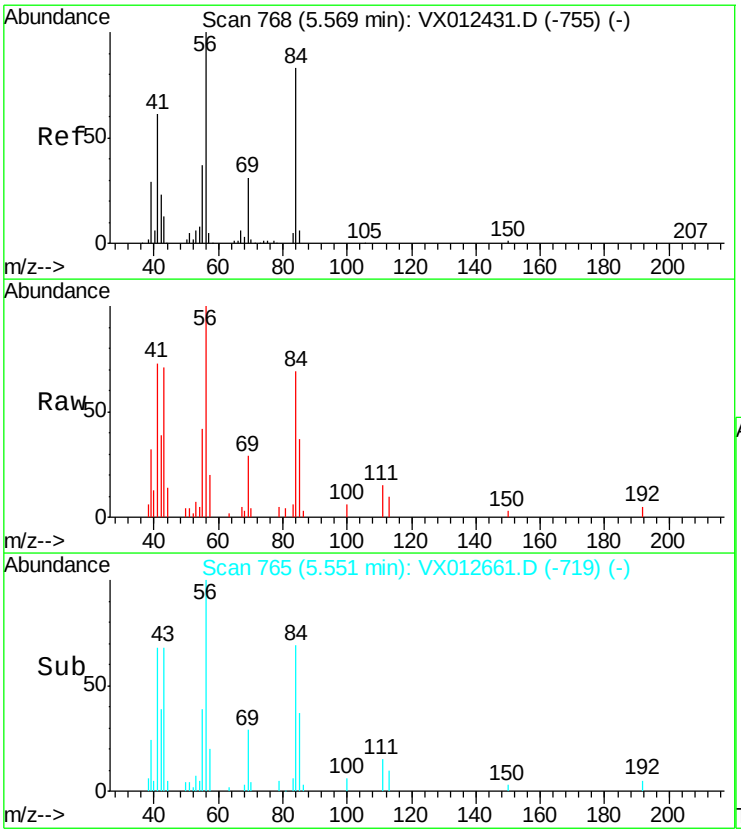
Tgt Ion:168 Resp: 158855

Ion	Ratio	Lower	Upper
168	100		
99	64.0	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

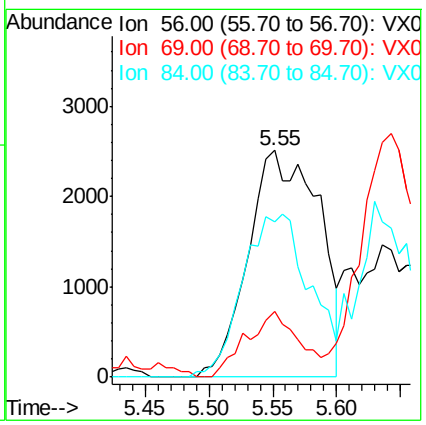
Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

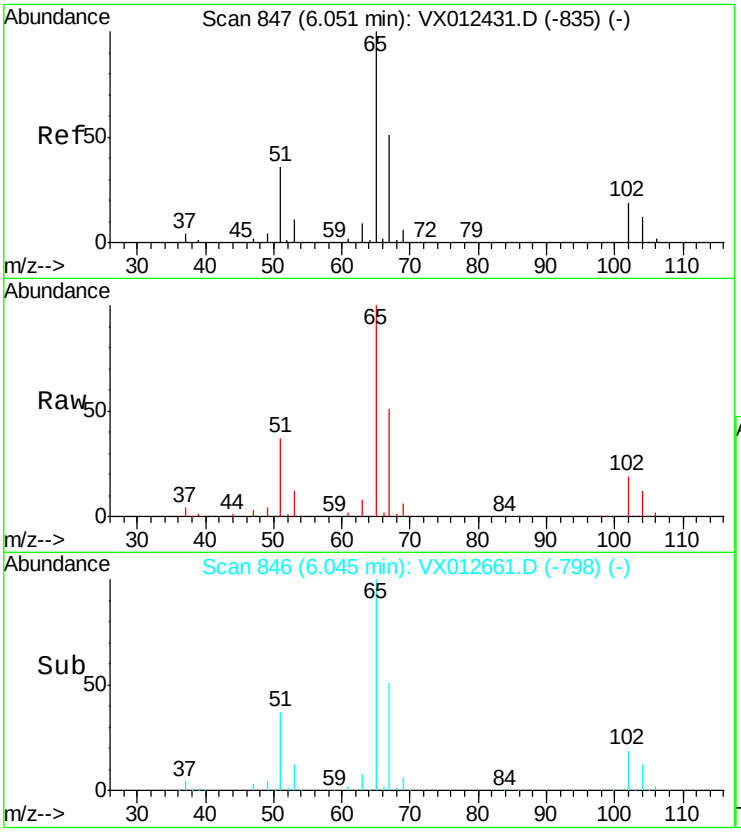


#31
Cyclohexane
Concen: 2.995 ug/l m
RT: 5.55 min Scan# 765
Delta R.T. -0.02 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion: 56 Resp: 9645

Ion	Ratio	Lower	Upper
56	100		
69	29.0	25.0	37.6
84	68.6	66.4	99.6

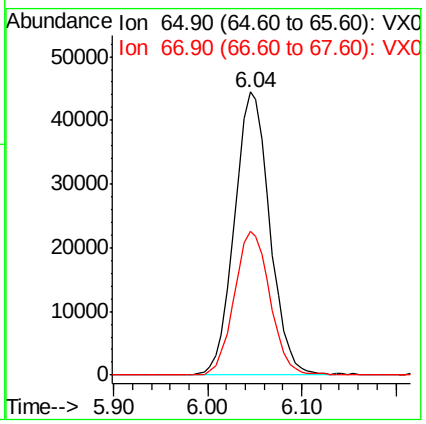




#33
1,2-Dichloroethane-d4
Concen: 50.378 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

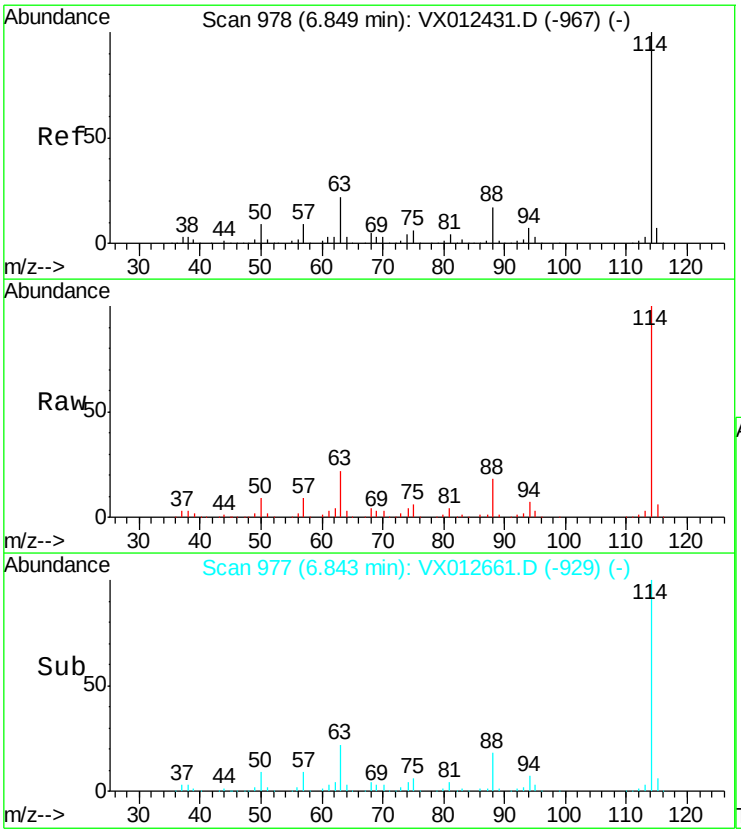
Tgt Ion: 65 Resp: 116536

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.2



Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

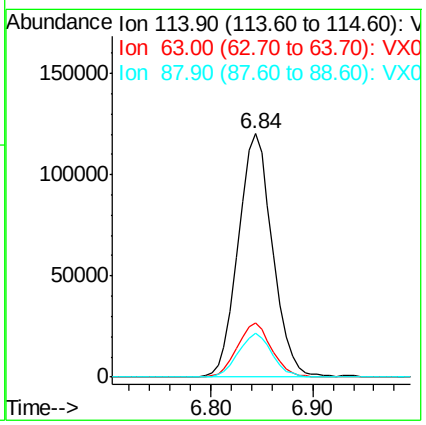
Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

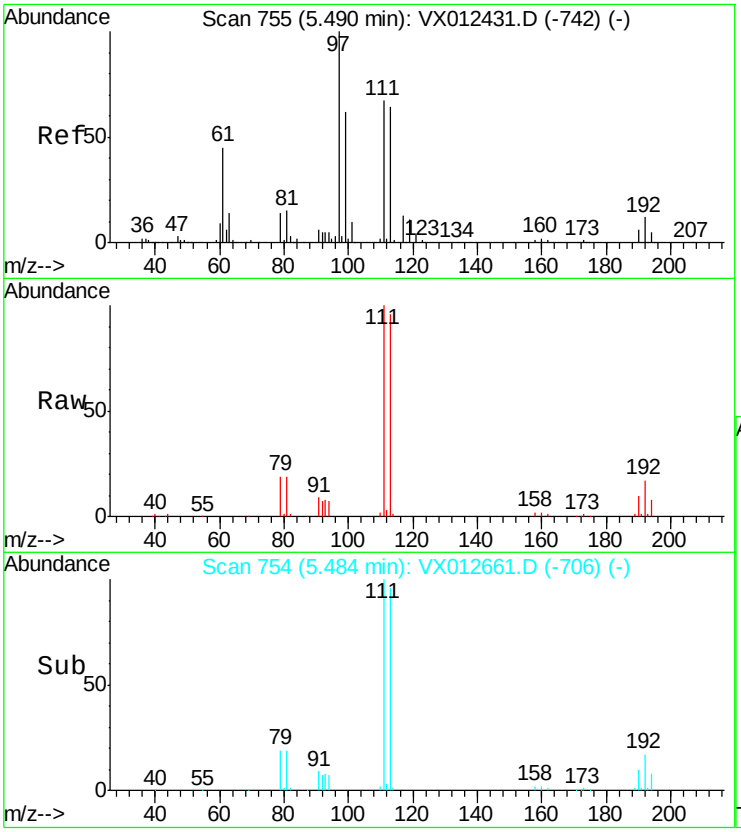


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion:114 Resp: 280996

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	17.8	0.0	33.2

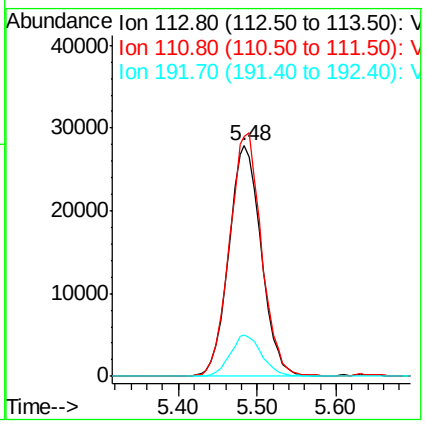




#35
Dibromofluoromethane
Concen: 47.603 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

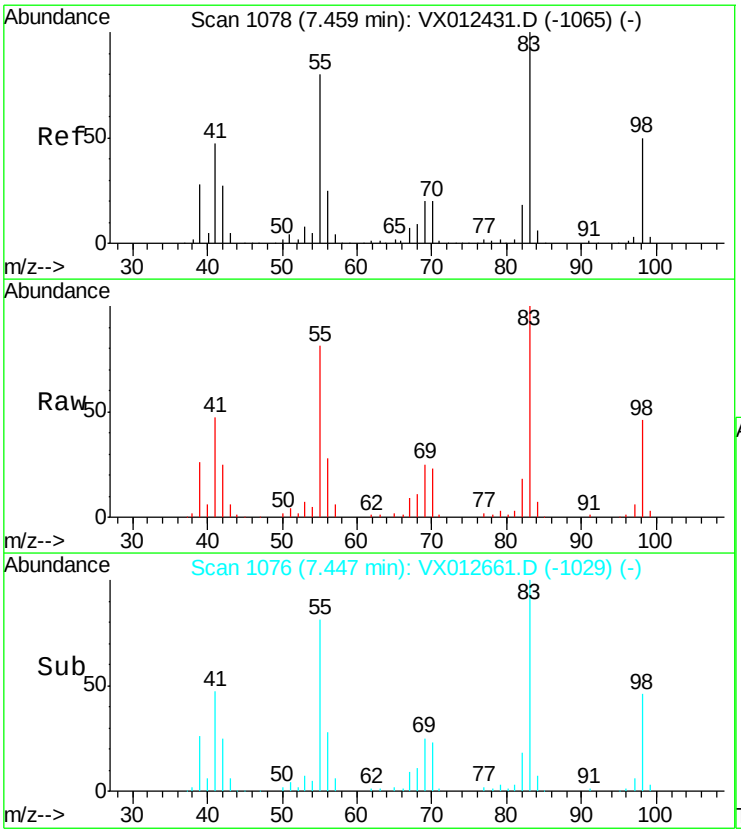
Tgt Ion:113 Resp: 79661

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.2
192	17.4	14.4	21.6



Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

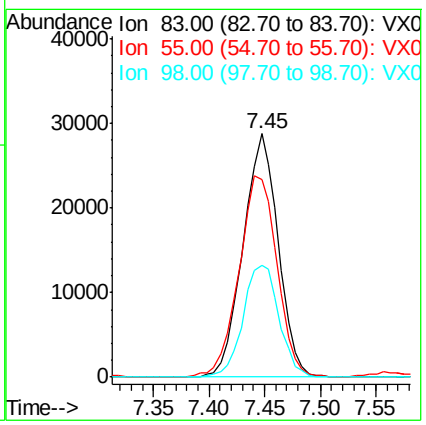
Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

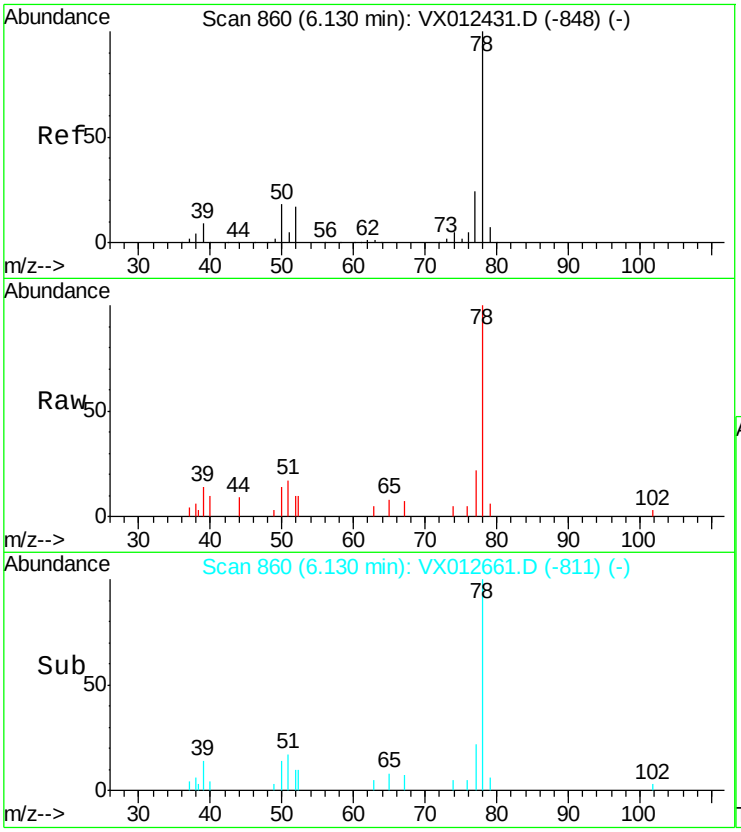


#39
Methylcyclohexane
Concen: 19.388 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion: 83 Resp: 63218

Ion	Ratio	Lower	Upper
83	100		
55	81.3	64.4	96.6
98	45.9	40.1	60.1





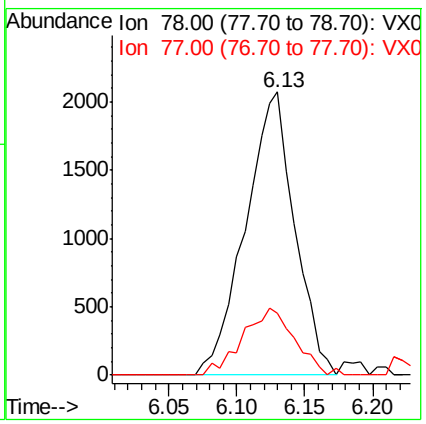
#40
Benzene
Concen: 0.659 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

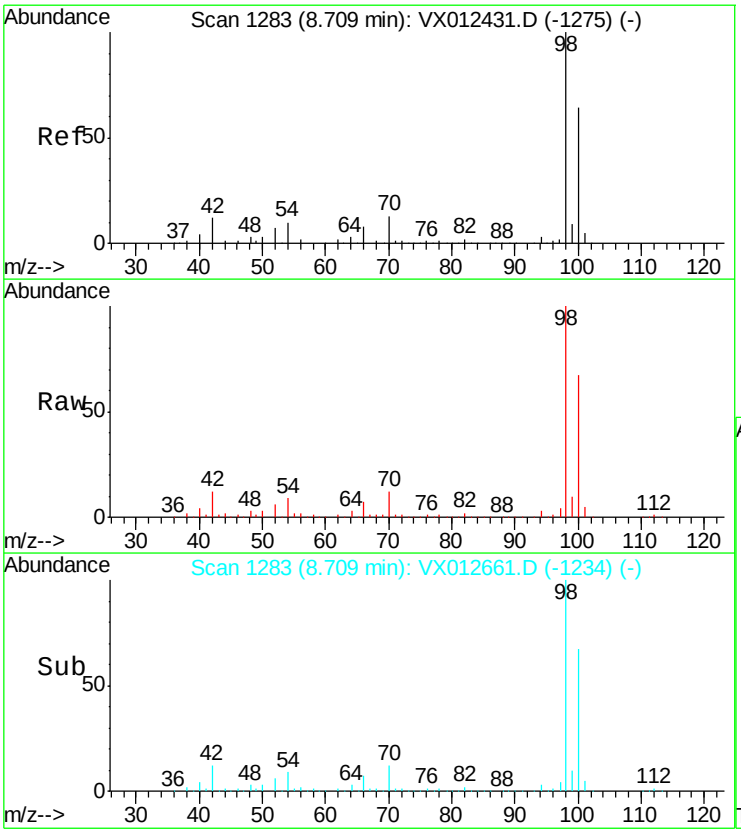
Tgt Ion: 78 Resp: 5248

Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.2	28.8

Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

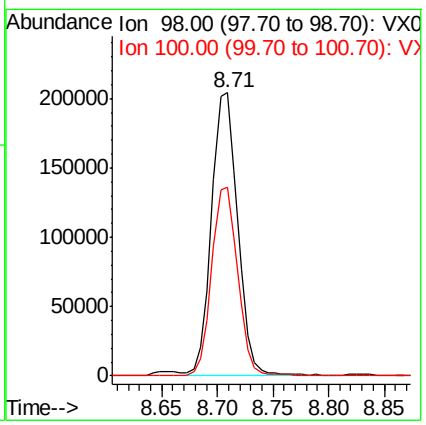


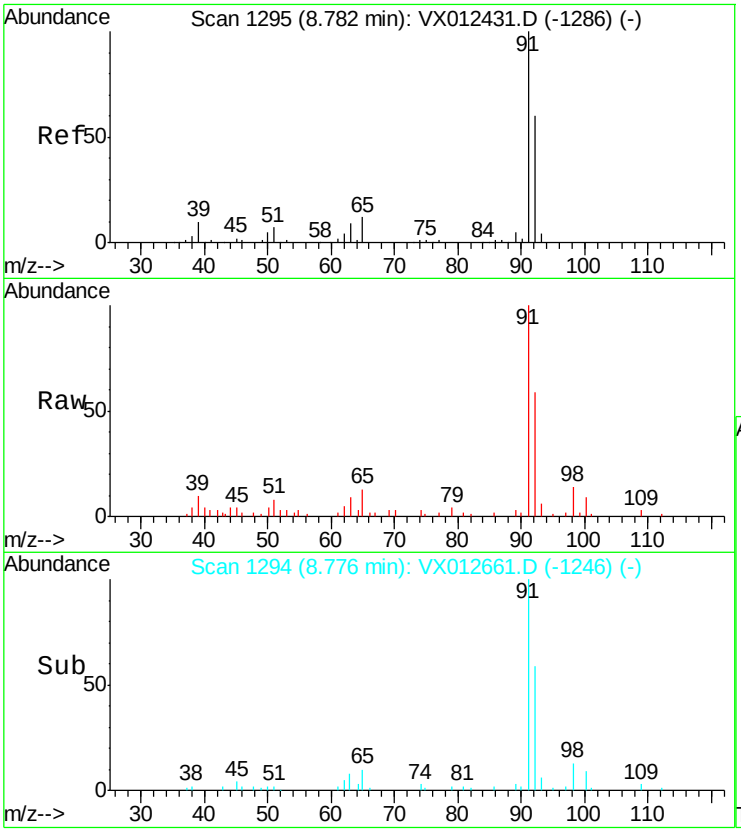


#50
Toluene-d8
Concen: 51.470 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion: 98 Resp: 331701

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2

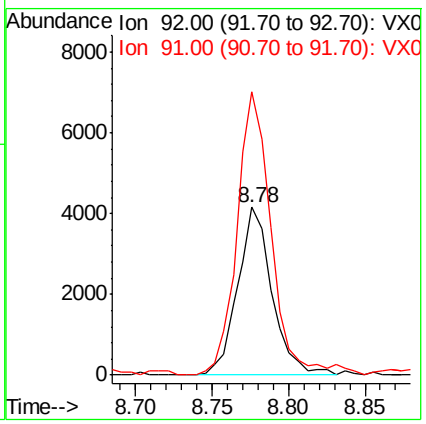




#52
Toluene
Concen: 1.292 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

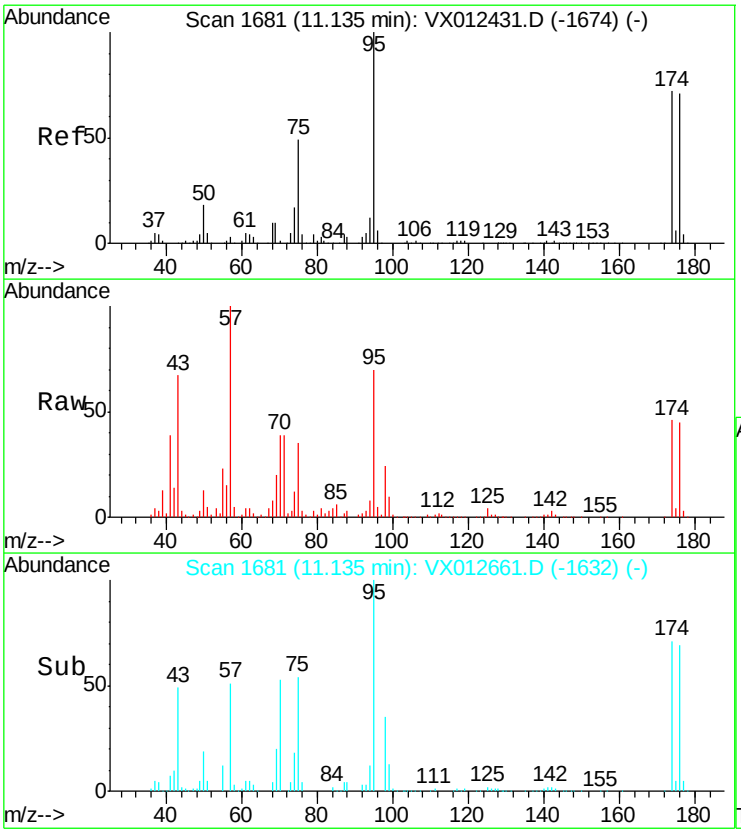
Tgt Ion: 92 Resp: 6471

Ion	Ratio	Lower	Upper
92	100		
91	168.1	135.4	203.0



Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

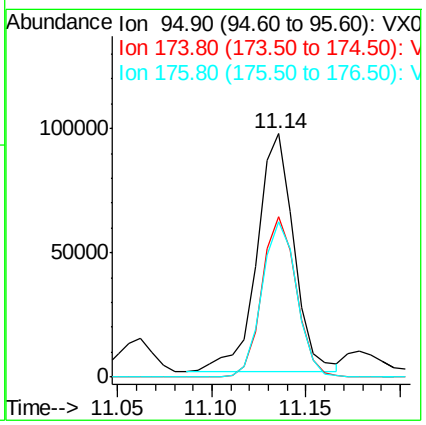
Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

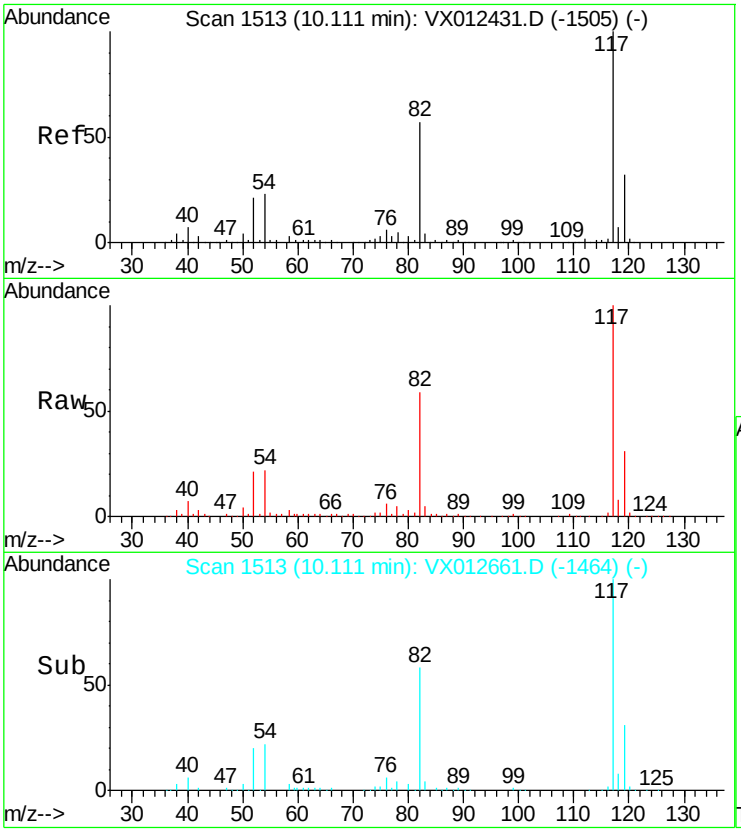


#62
4-Bromofluorobenzene
Concen: 51.121 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion: 95 Resp: 129543

Ion	Ratio	Lower	Upper
95	100		
174	63.0	0.0	140.0
176	61.9	0.0	135.4

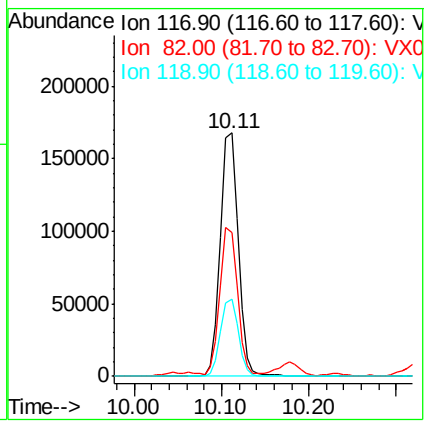




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

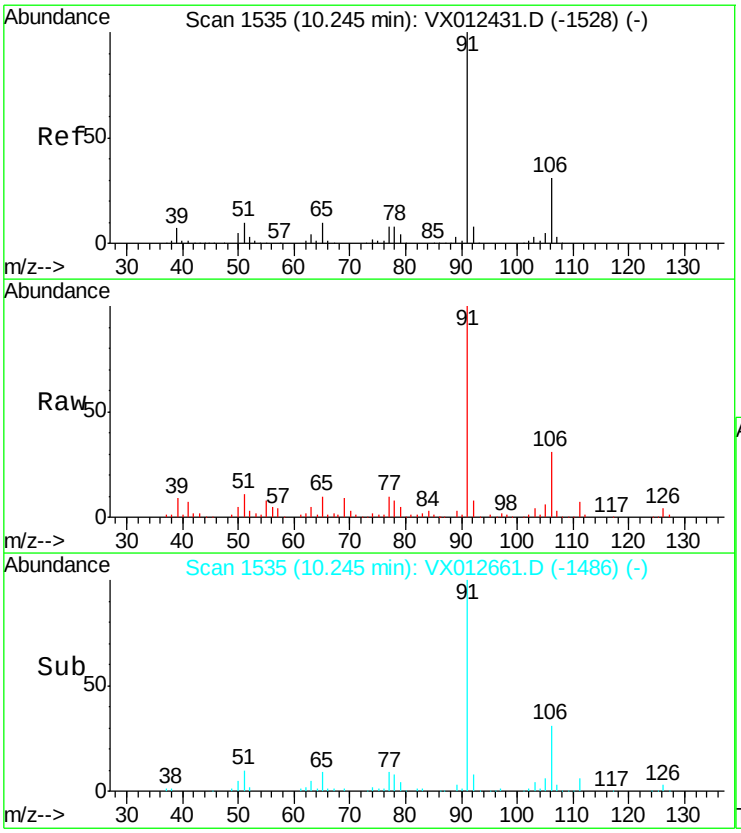
Tgt Ion:117 Resp: 238589

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.9	68.9
119	31.5	25.3	37.9



Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

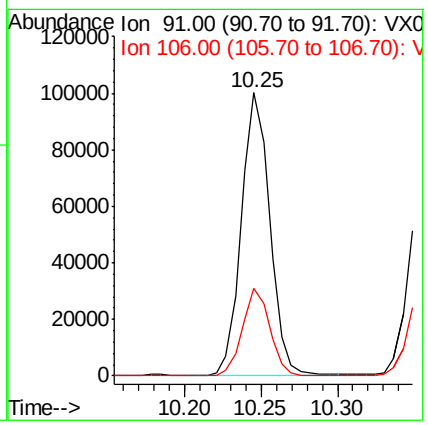
Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

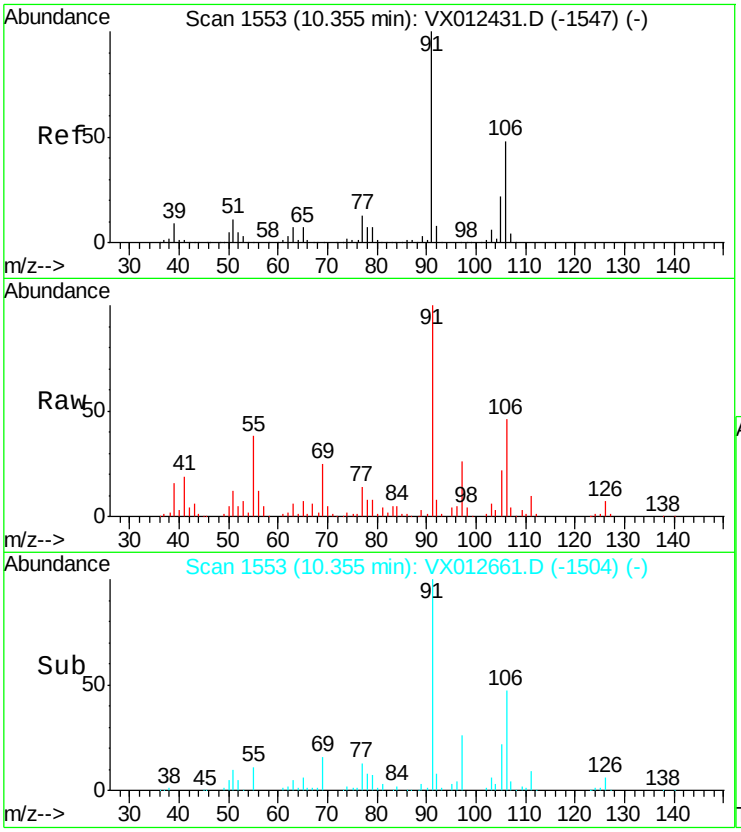


#67
Ethyl Benzene
Concen: 14.177 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion: 91 Resp: 129191

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.6	37.0





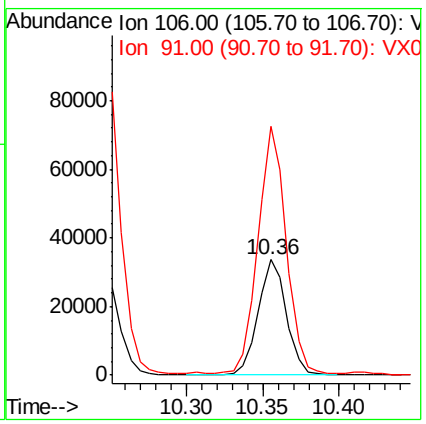
#68
m/p-Xylenes
Concen: 12.698 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

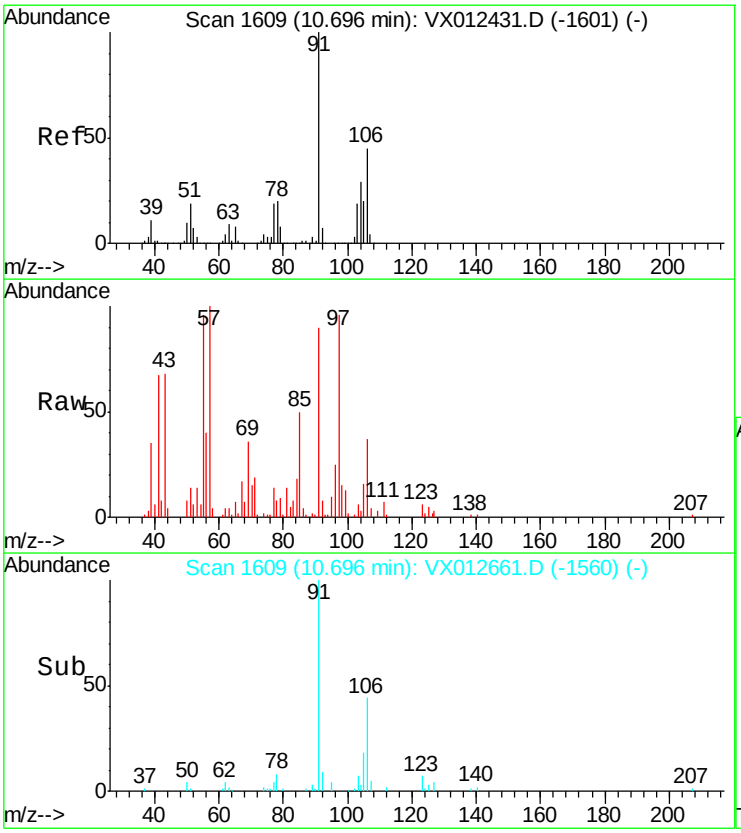
Tgt Ion:106 Resp: 43344

Ion	Ratio	Lower	Upper
106	100		
91	212.3	166.6	250.0

Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

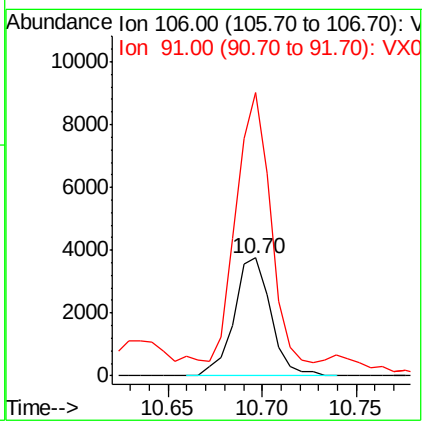


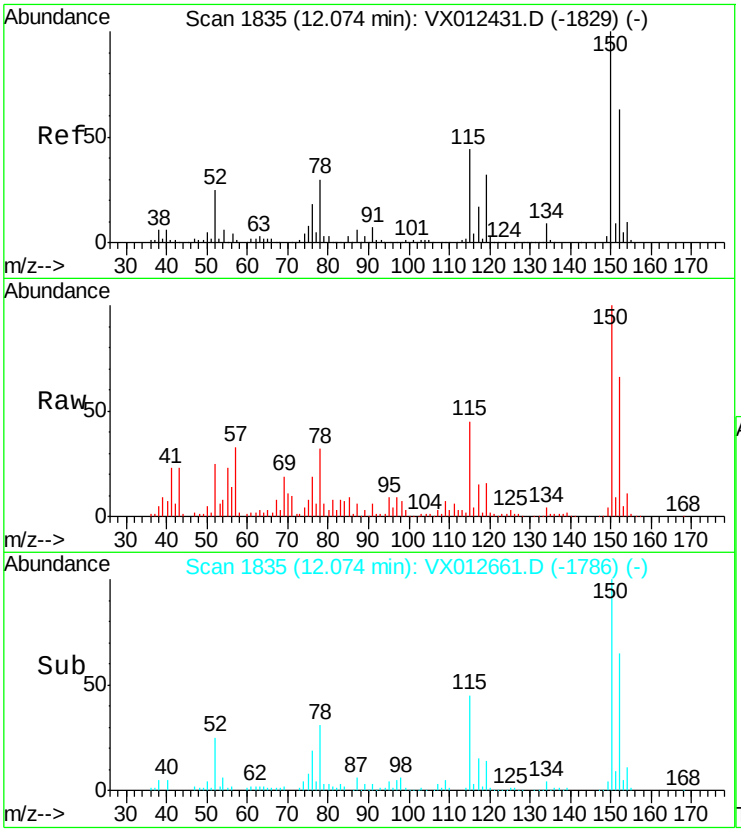


#69
o-Xylene
Concen: 1.536 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion:106 Resp: 5074

Ion	Ratio	Lower	Upper
106	100		
91	216.5	109.4	328.2





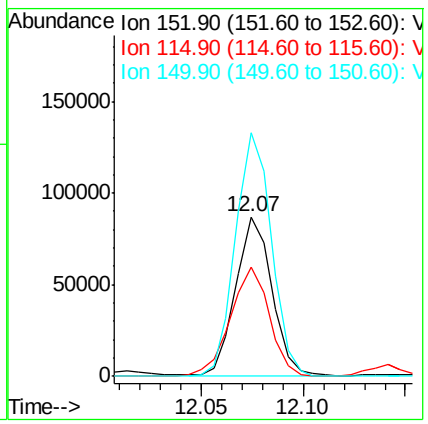
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

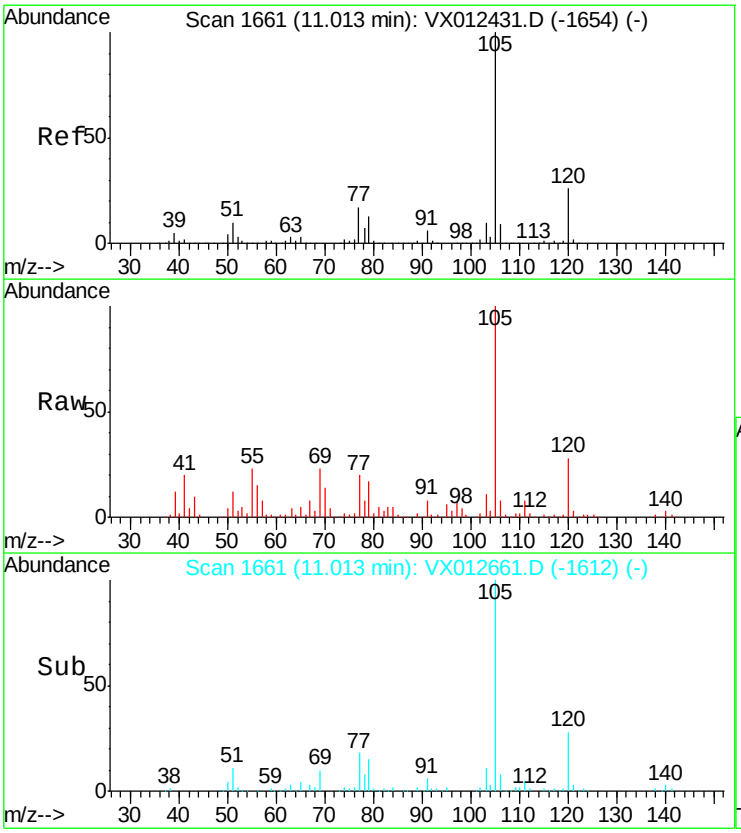
Tgt Ion:152 Resp: 107109

Ion	Ratio	Lower	Upper
152	100		
115	74.2	44.1	132.3
150	153.0	0.0	343.8

Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

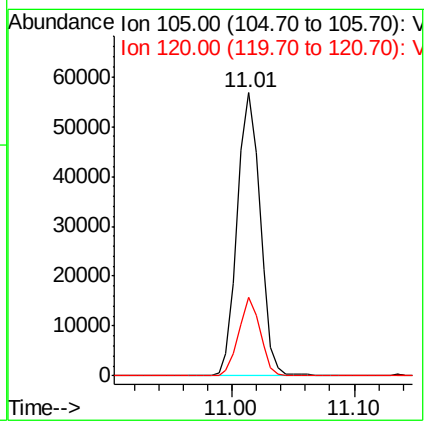


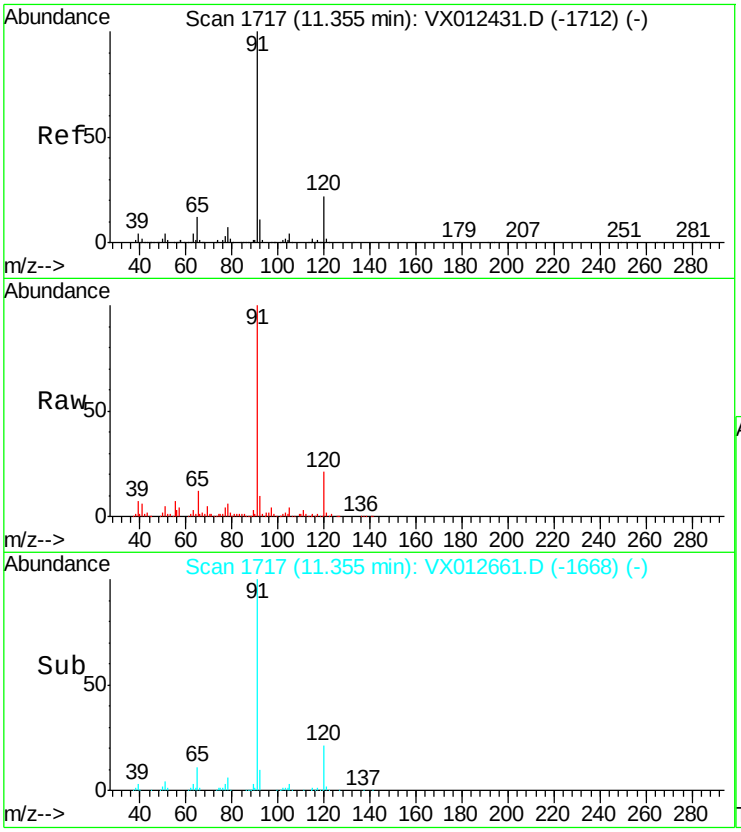


#73
Isopropylbenzene
Concen: 8.441 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion:105 Resp: 73635

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.9	38.7





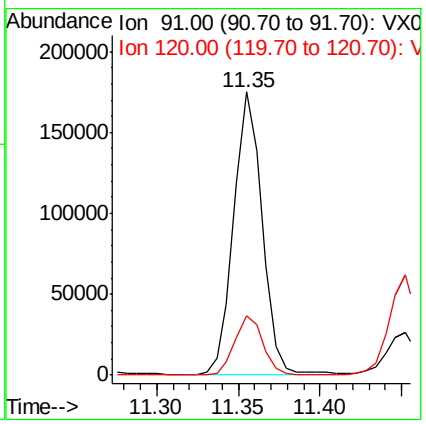
#78
n-propylbenzene
Concen: 21.622 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

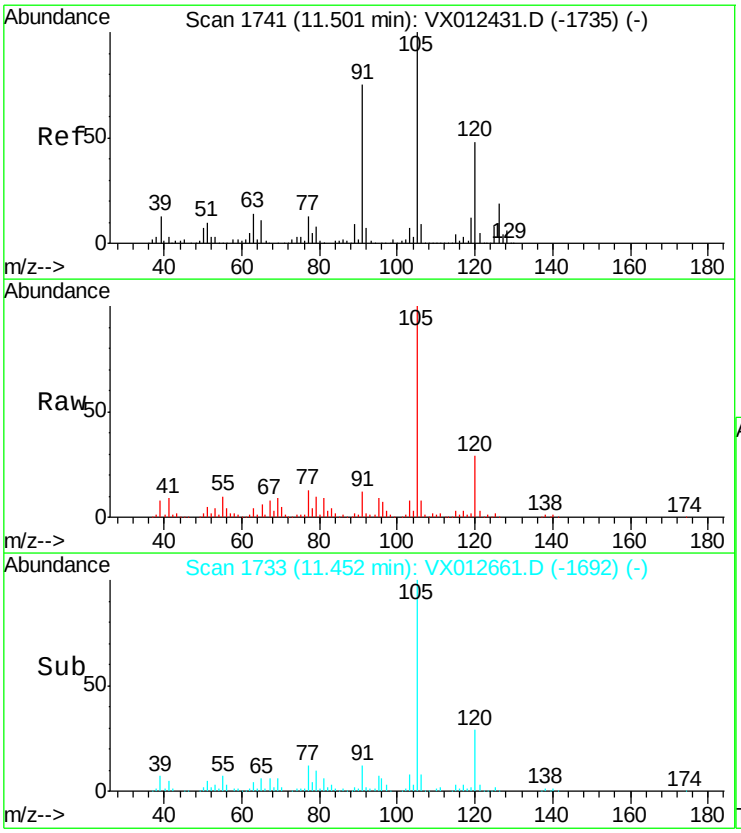
Tgt Ion: 91 Resp: 212357

Ion	Ratio	Lower	Upper
91	100		
120	20.9	11.3	33.8

Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

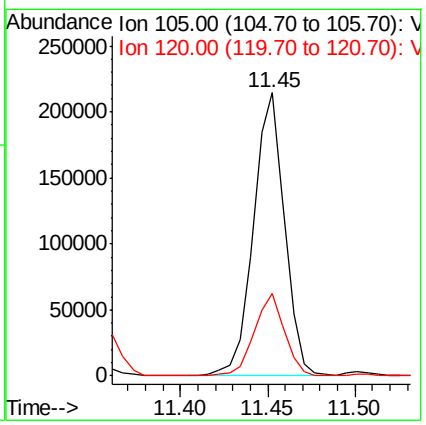


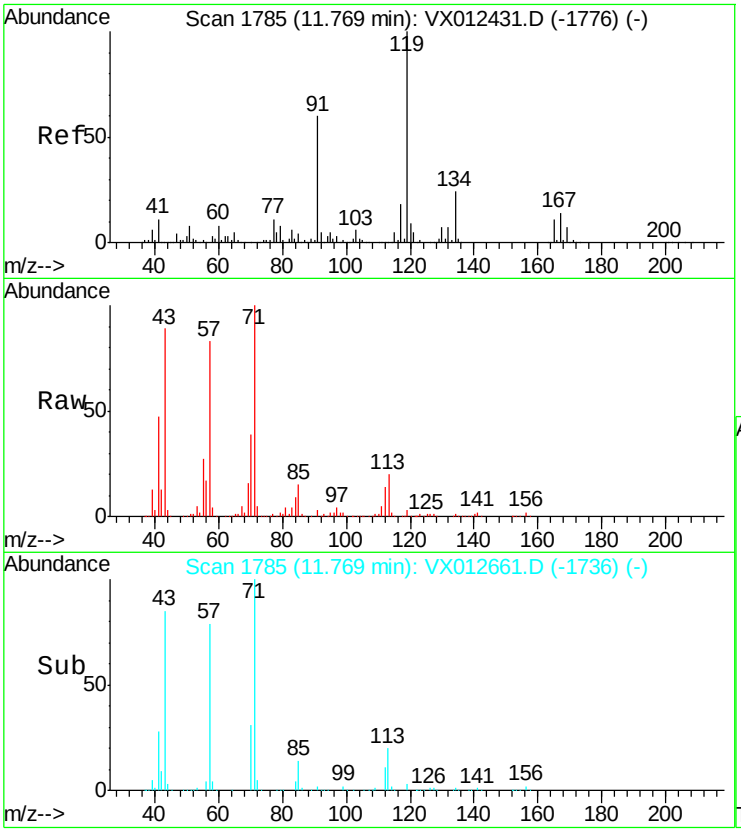


#80
1,3,5-Trimethylbenzene
Concen: 36.040 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. -0.05 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion:105 Resp: 263650

Ion	Ratio	Lower	Upper
105	100		
120	28.2	24.3	72.8

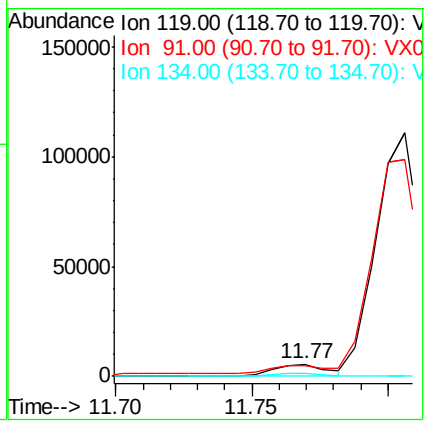




#83
tert-Butylbenzene
Concen: 1.062 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

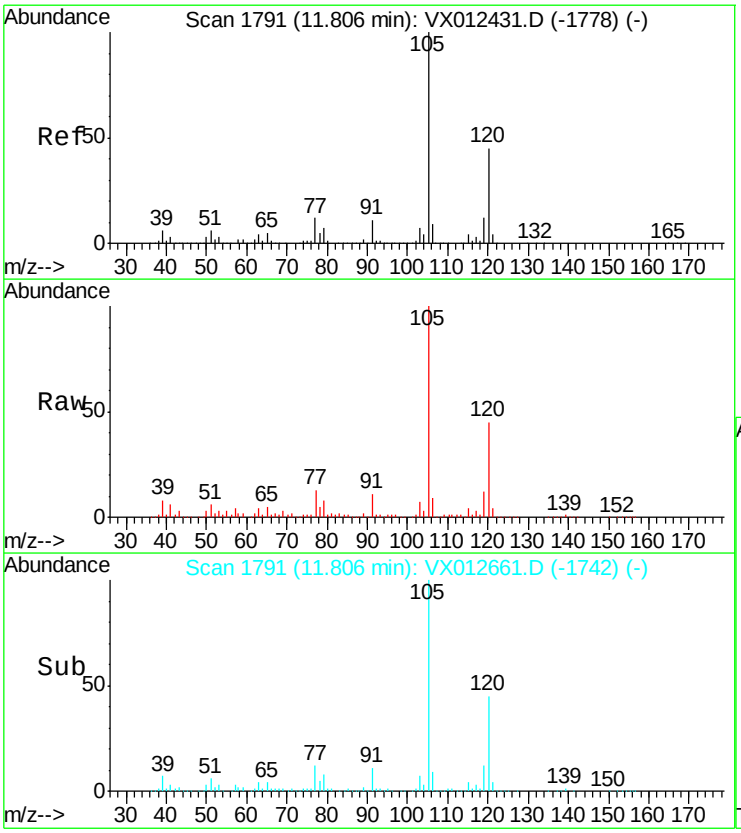
Tgt Ion:119 Resp: 7494

Ion	Ratio	Lower	Upper
119	100		
91	69.2	30.0	90.0
134	23.7	11.3	33.9



Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

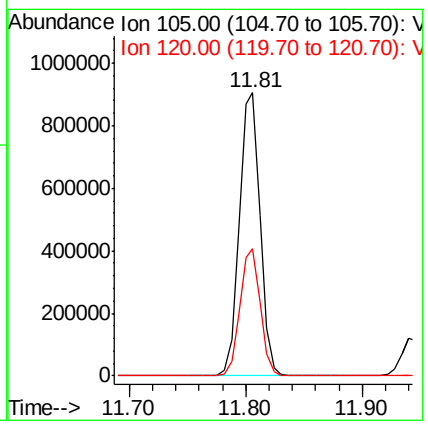
Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

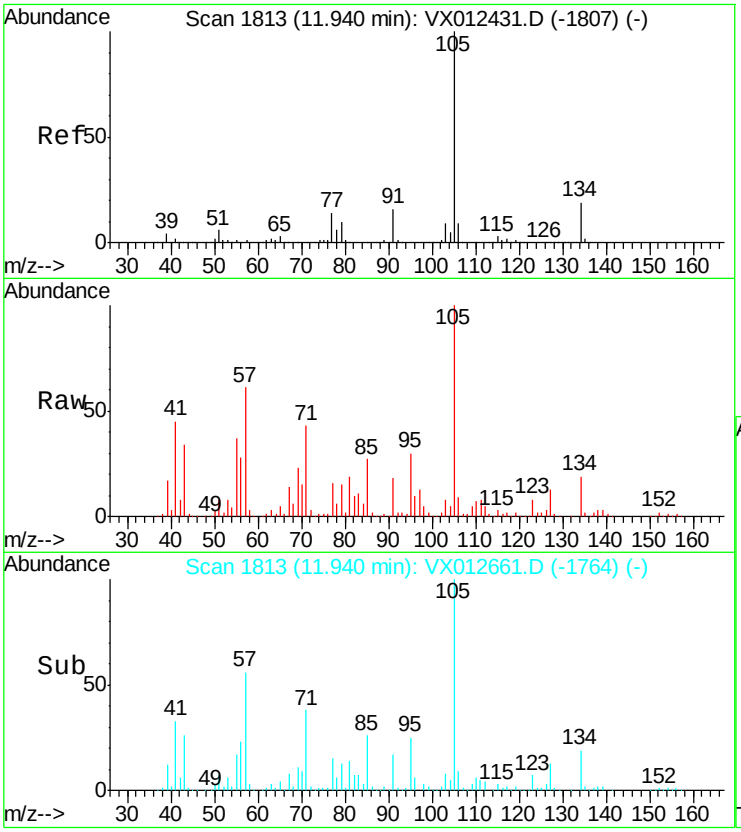


#84
1,2,4-Trimethylbenzene
Concen: 151.519 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion:105 Resp: 1118175

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.2	66.6





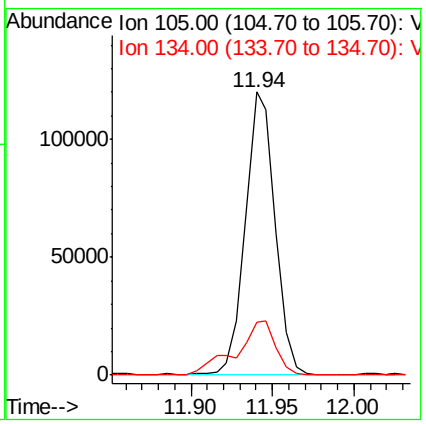
#85
sec-Butylbenzene
Concen: 18.375 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

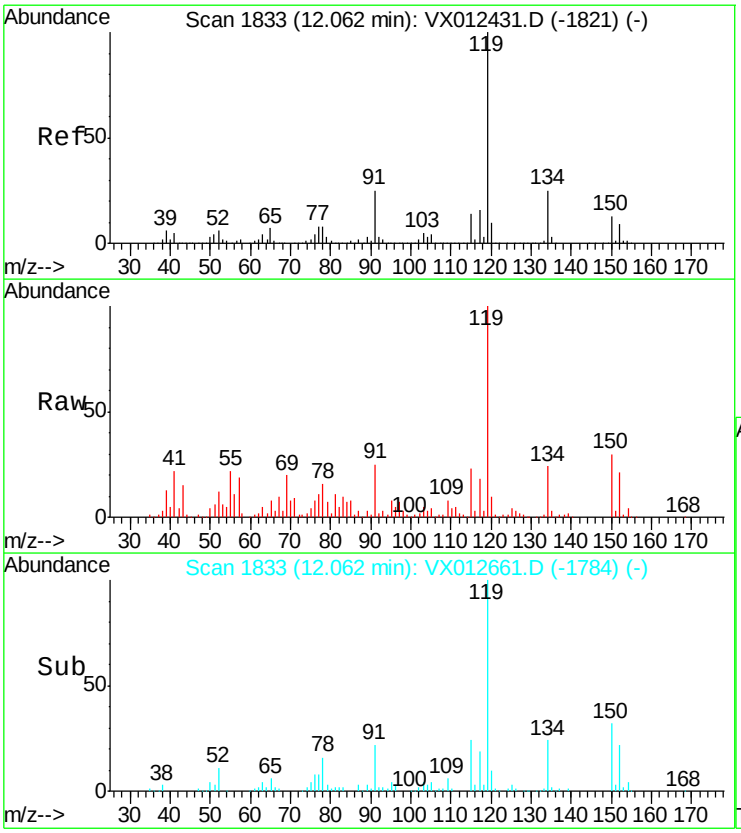
Tgt Ion:105 Resp: 150816

Ion	Ratio	Lower	Upper
105	100		
134	25.8	9.8	29.4

Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM

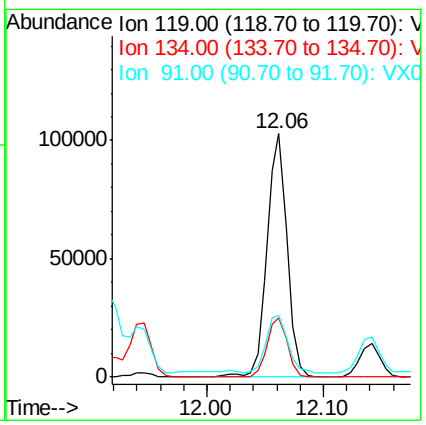


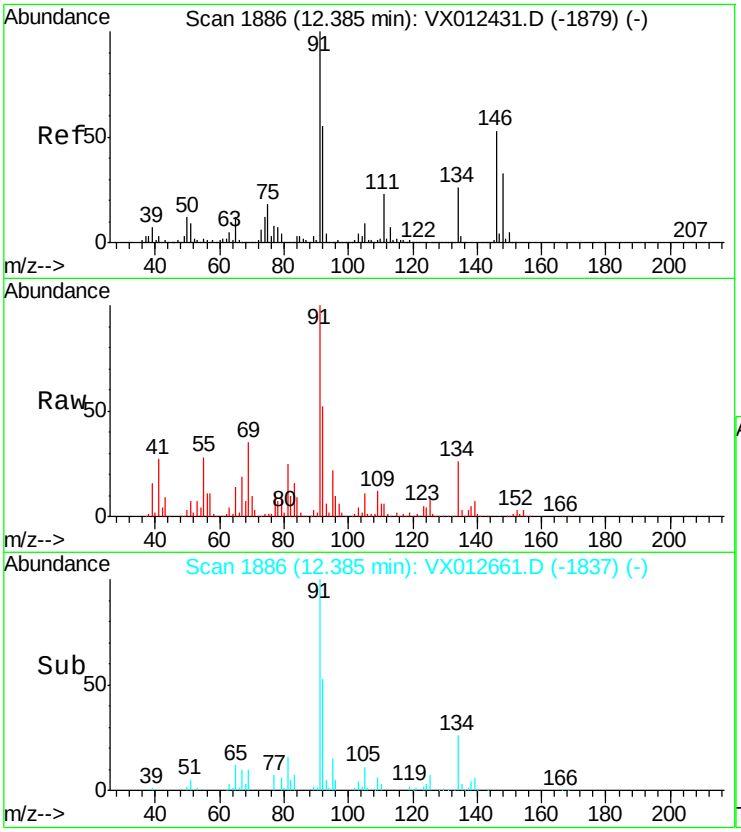


#86
p-Isopropyltoluene
Concen: 16.652 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion:119 Resp: 123328

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.7	38.1
91	25.9	12.8	38.4





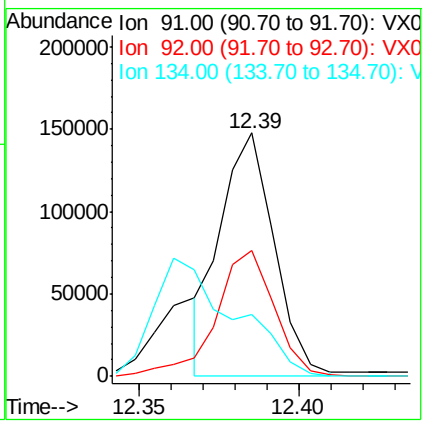
#89
n-Butylbenzene
Concen: 26.827 ug/l m
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

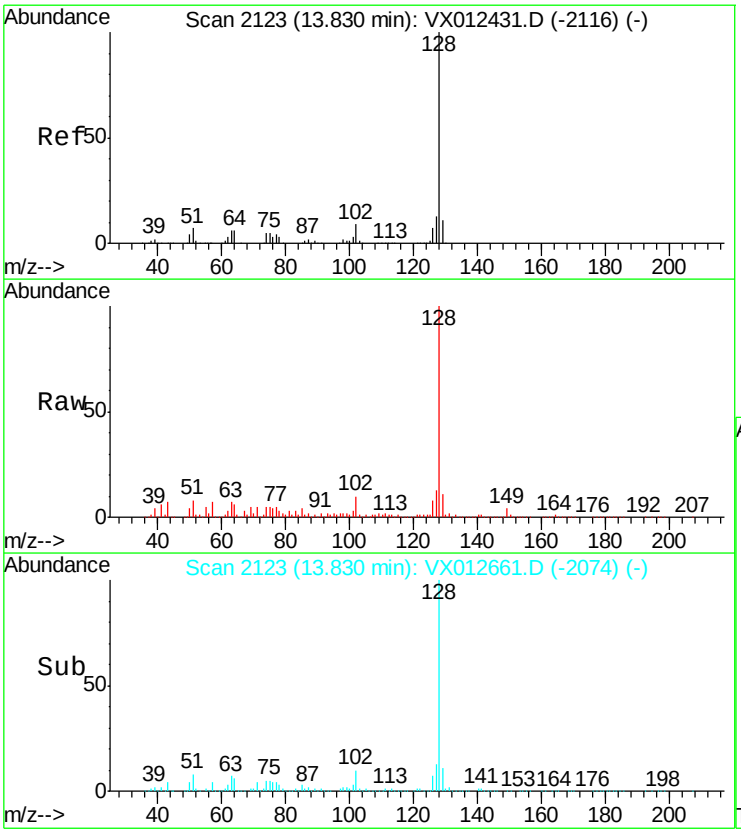
Tgt Ion: 91 Resp: 175080

Ion	Ratio	Lower	Upper
91	100		
92	55.8	27.7	83.0
134	0.0	12.9	38.6#

Instrument :
MSVOA_X
ClientSampleId :
SB-1ME

Manual Integrations APPROVED
MMDadoda
9/30/2019 8:41:47 AM





#95
Naphthalene
Concen: 132.065 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012661.D
Acq: 25 Sep 2019 16:08

Tgt Ion:128 Resp: 1036572

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	13.0	8.8	13.2