Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080320\
Data File : VX017755.D
Acq On : 03 Aug 2020 19:11
Operator : JC/SP
Sample : L3512-05 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : USED-ANTIFREEZE-1456

Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

Quant Time: Aug 04 07:54:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	623360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	930545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	895502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	466973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	409937	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.40%			
35) Dibromofluoromethane	5.47	113	316483	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.70%			
50) Toluene-d8	8.70	98	1120701	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
62) 4-Bromofluorobenzene	11.12	95	439772	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.01	59	10903	6.461	ug/l	96
16) Acetone	2.42	43	259015	73.494	ug/l	96
40) Benzene	6.11	78	6216	0.243	ug/l	97
52) Toluene	8.77	92	20557	1.253	ug/l	99
67) Ethyl Benzene	10.23	91	34460	1.065	ug/l	99
68) m/p-Xylenes	10.34	106	48444	3.865	ug/l	95
69) o-Xylene	10.68	106	32178	2.669	ug/l	99
73) Isopropylbenzene	11.00	105	18425	0.575	ug/l	96
78) n-propylbenzene	11.34	91	73589	2.037	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	78361	2.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	324895	11.943	ug/l	100
85) sec-Butylbenzene	11.93	105	32307	1.060	ug/l	80
86) p-Isopropyltoluene	12.01	119	39921m	1.375	ug/l	
89) n-Butylbenzene	12.37	91	71077	2.747	ug/l #	47
95) Naphthalene	13.82	128	127269	4.127	ug/l	97

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

Quantitation Report (QT/LSC Reviewed)

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Data File : VX017755.D
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Misc : 5.0mL/MSVOA_X/WATER
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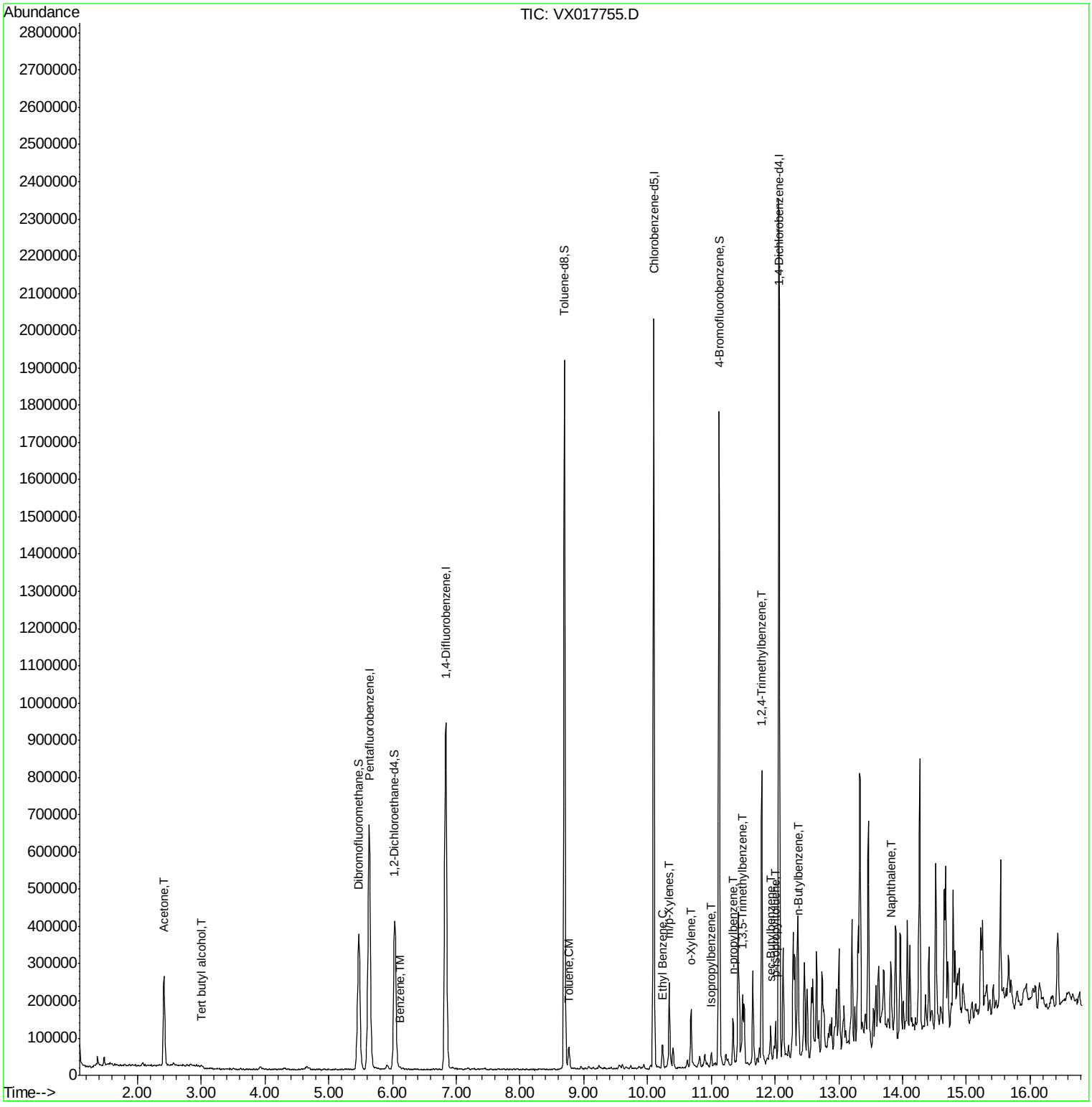
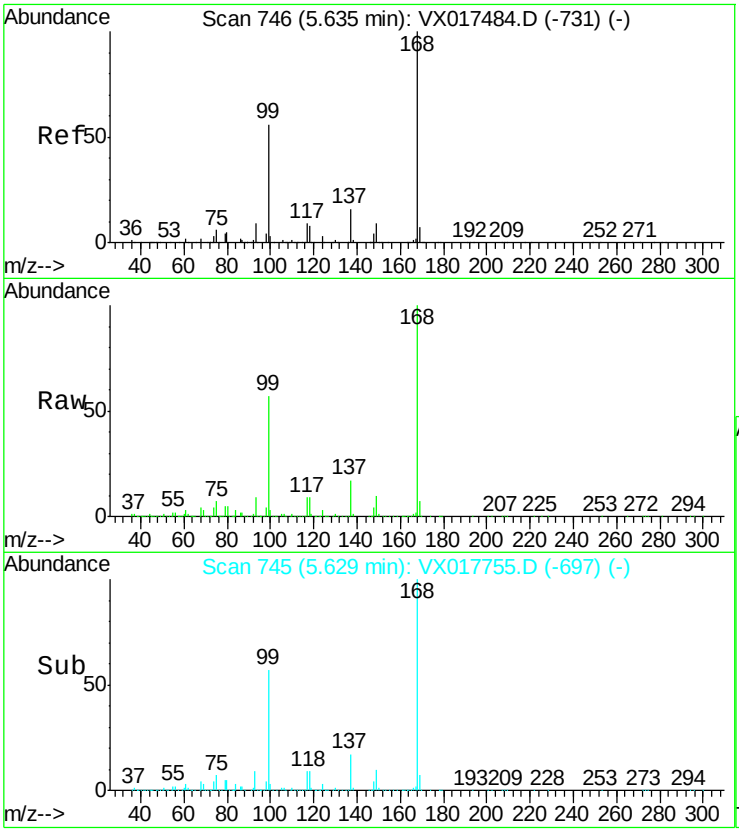
Quant Time: Aug 04 07:54:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

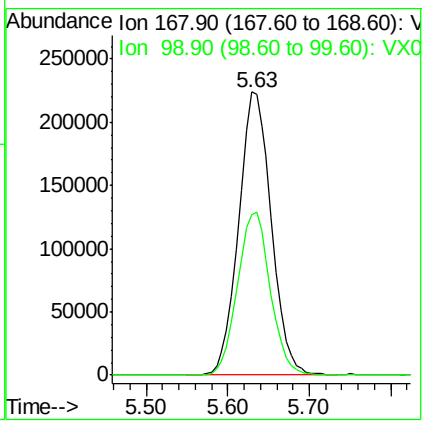




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

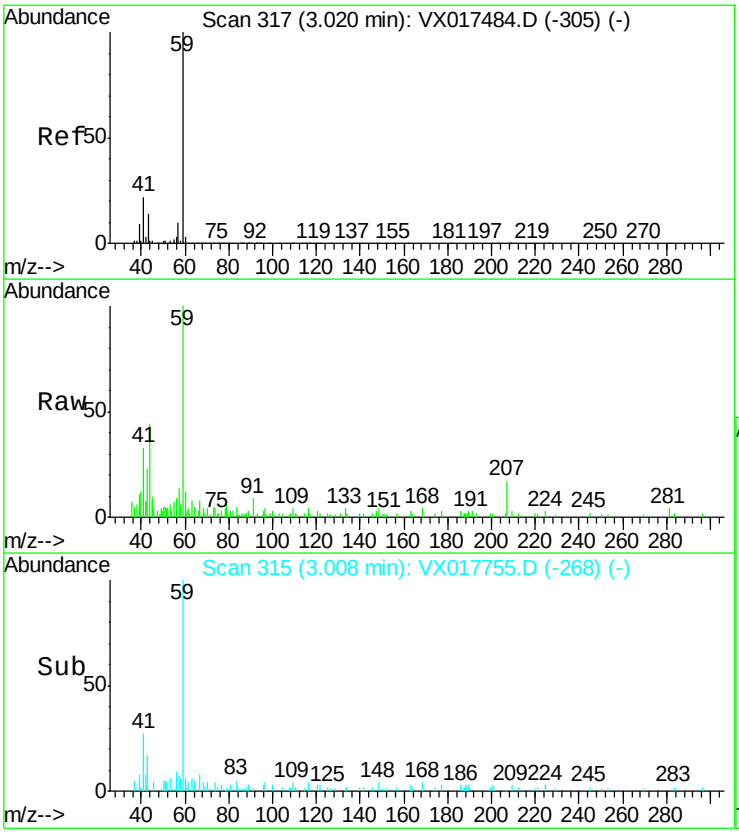
Tgt Ion:168 Resp: 623360

Ion	Ratio	Lower	Upper
168	100		
99	56.4	43.4	65.2



Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

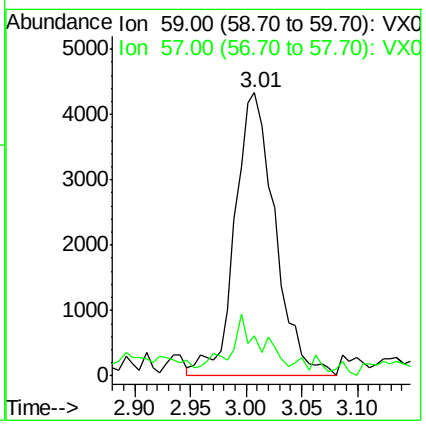
Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

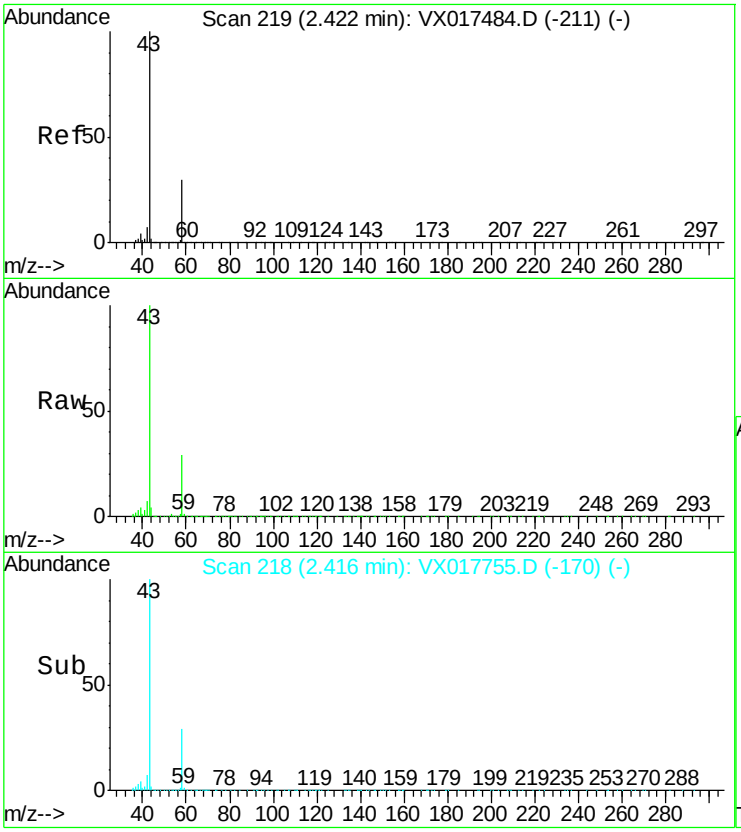


#11
Tert butyl alcohol
Concen: 6.461 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion: 59 Resp: 10903

Ion	Ratio	Lower	Upper
59	100		
57	12.3	8.6	12.8

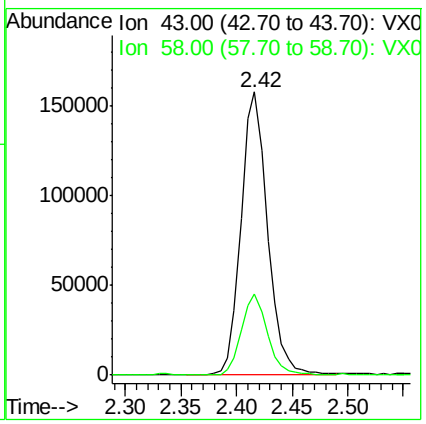




#16
Acetone
Concen: 73.494 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

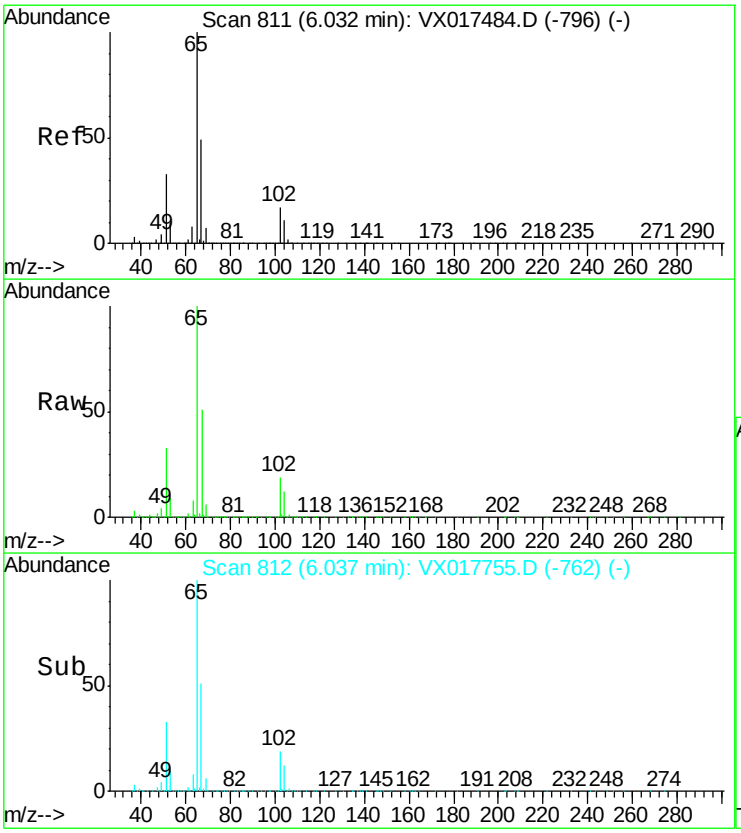
Tgt Ion: 43 Resp: 259015

Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.2	36.4



Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

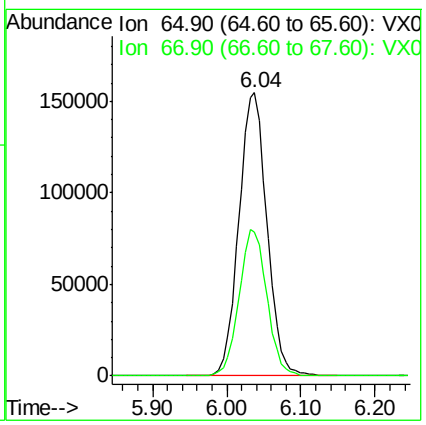
Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

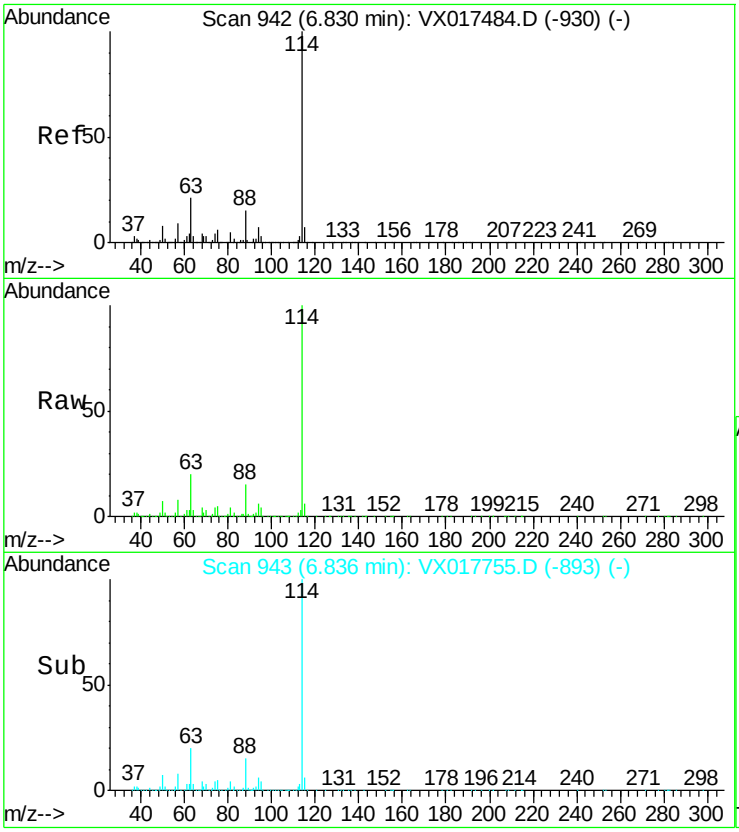


#33
1,2-Dichloroethane-d4
Concen: 51.195 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion: 65 Resp: 409937

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.8

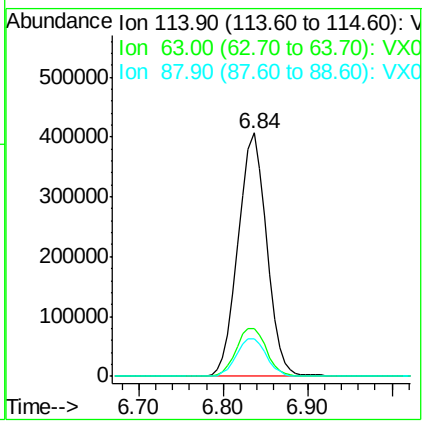




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:114 Resp: 930545

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.6
88	15.5	0.0	33.4



Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

Manual Integrations APPROVED
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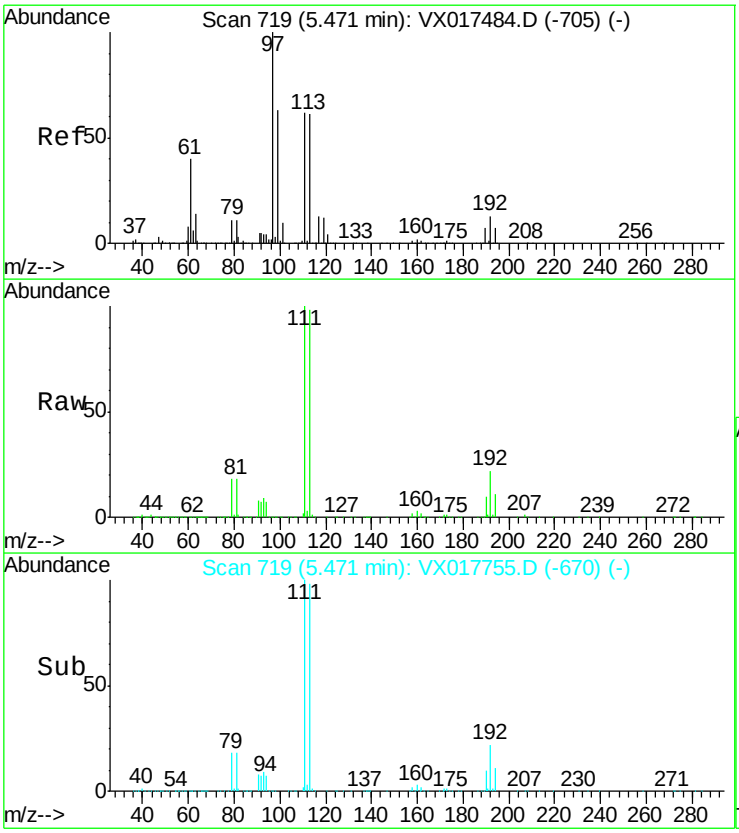
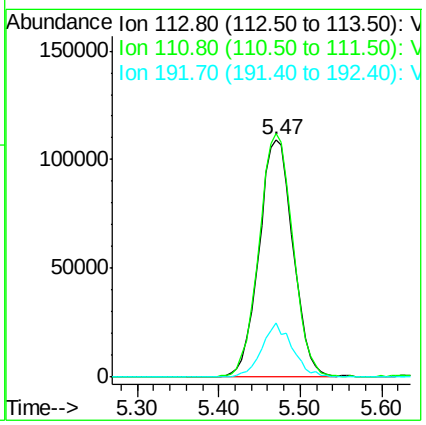
8/4/2020 9:51:45 AM

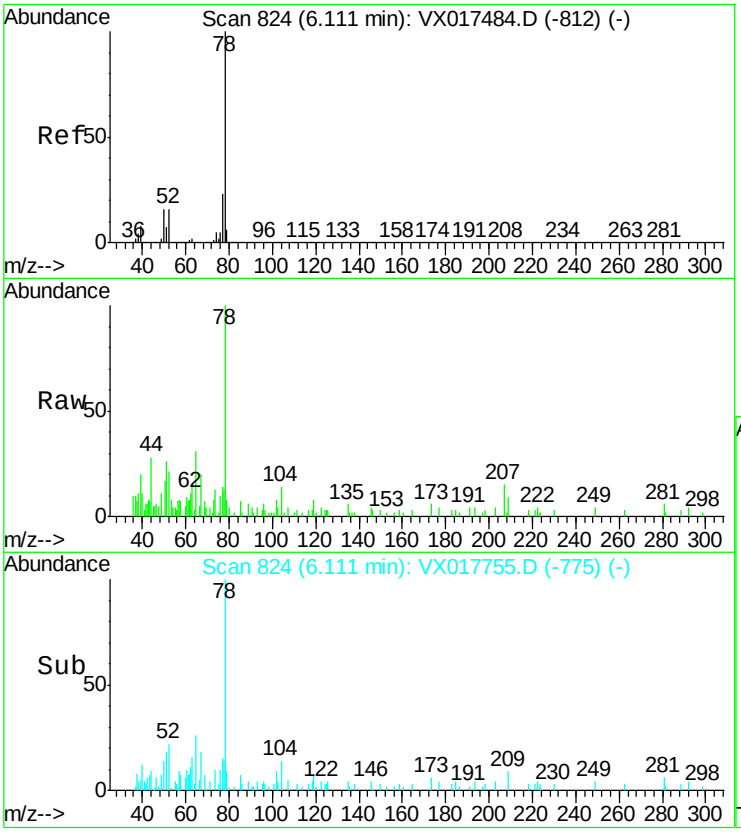


#35
Dibromofluoromethane
Concen: 50.853 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:113 Resp: 316483

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	20.4	16.9	25.3

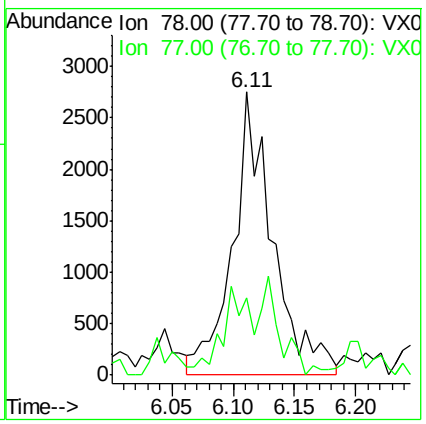




#40
Benzene
Concen: 0.243 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

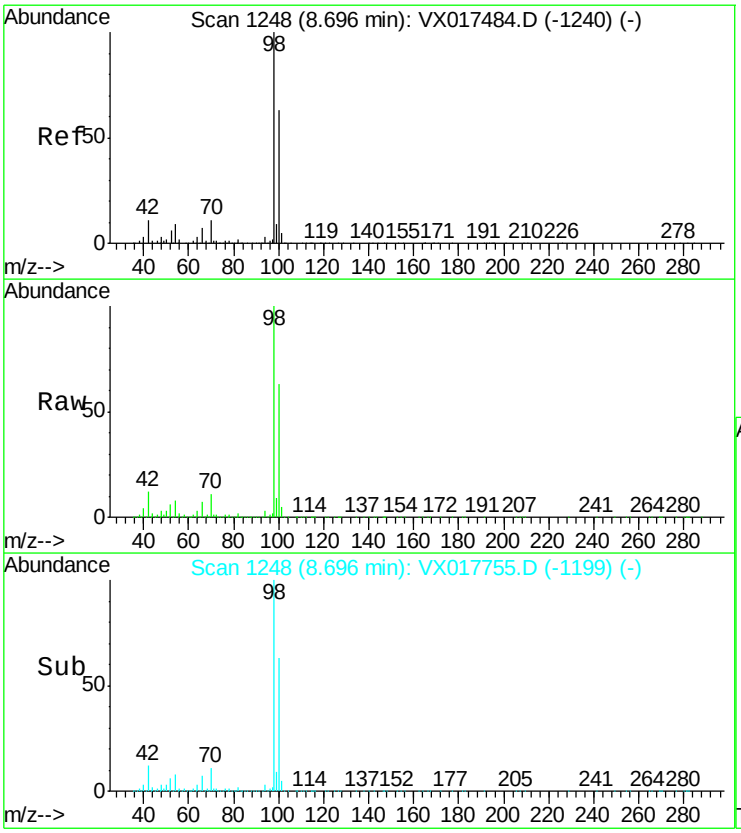
Tgt Ion: 78 Resp: 6216

Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.4	29.2



Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

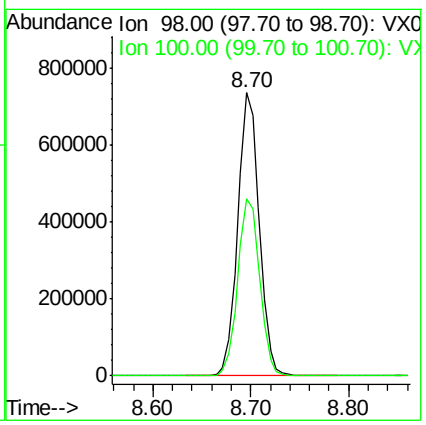
Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

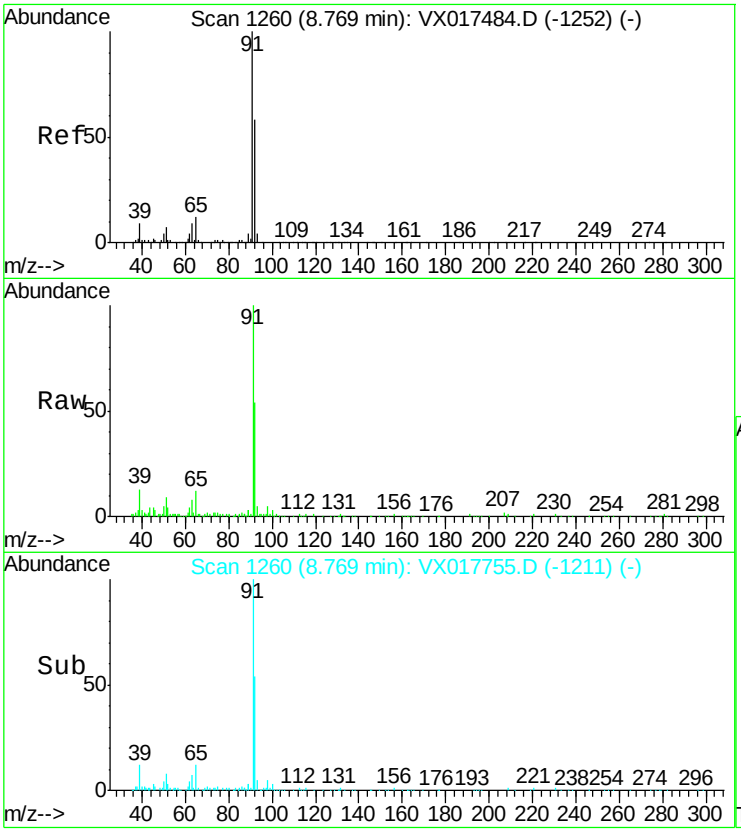


#50
Toluene-d8
Concen: 49.917 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion: 98 Resp: 1120701

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.3	78.5





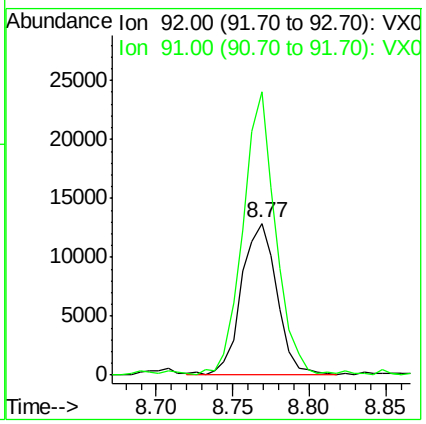
#52
Toluene
Concen: 1.253 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

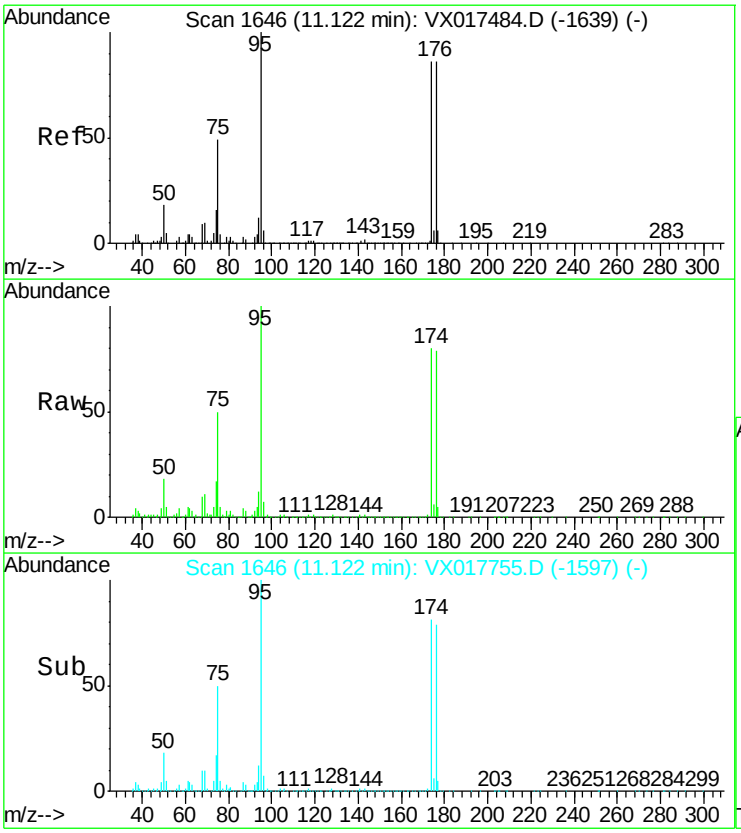
Tgt Ion: 92 Resp: 20557

Ion	Ratio	Lower	Upper
92	100		
91	173.3	137.6	206.4

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

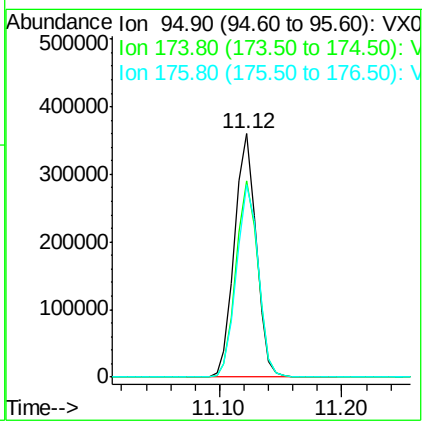


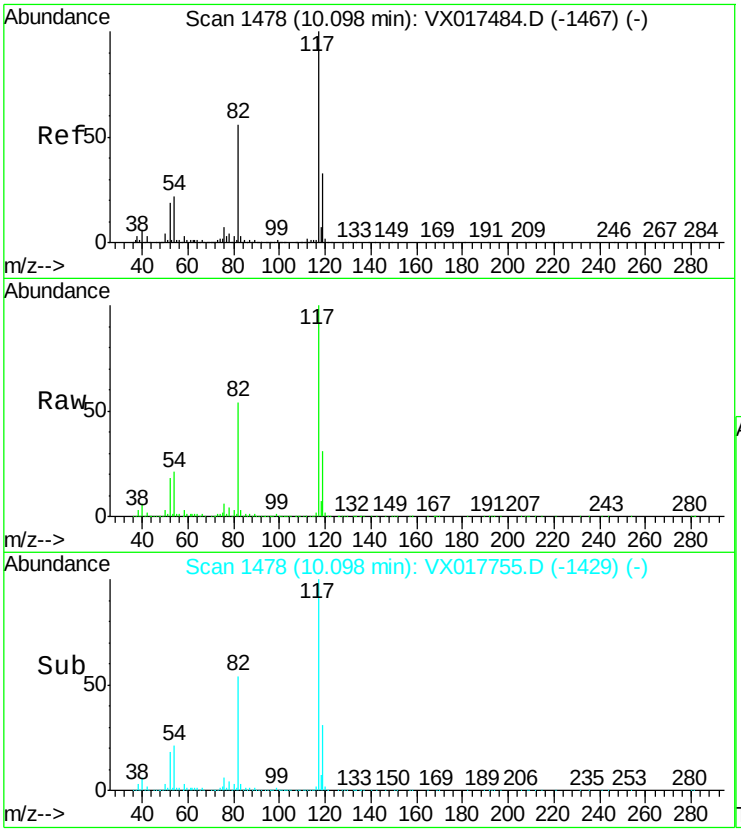


#62
4-Bromofluorobenzene
Concen: 48.945 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion: 95 Resp: 439772

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	169.0
176	79.8	0.0	161.0

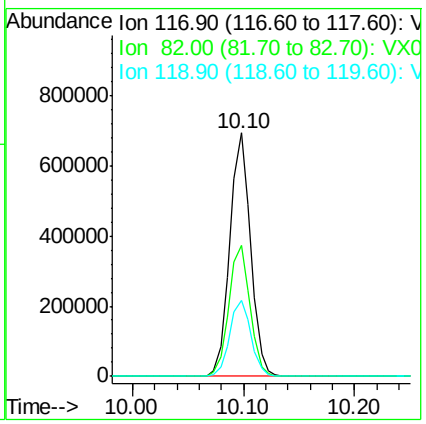




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

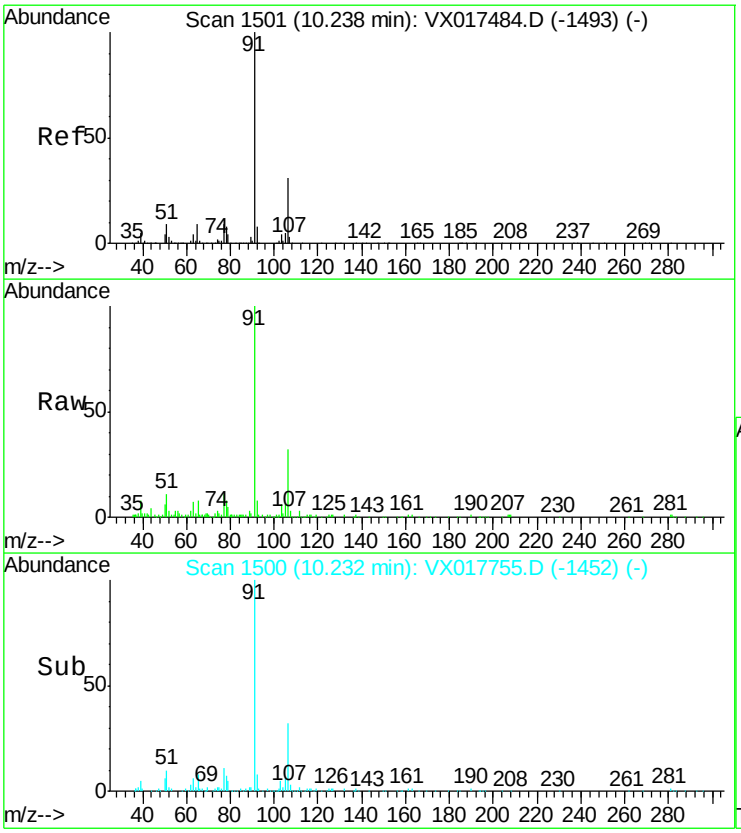
Tgt Ion:117 Resp: 895502

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.0	66.0
119	31.1	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

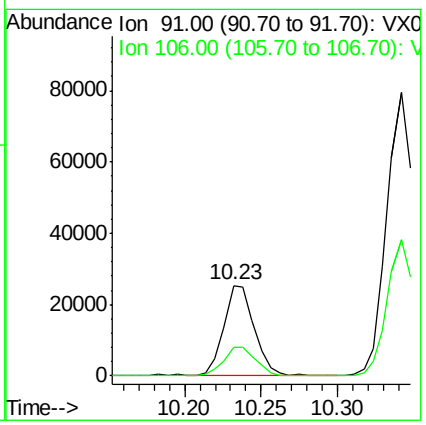
Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

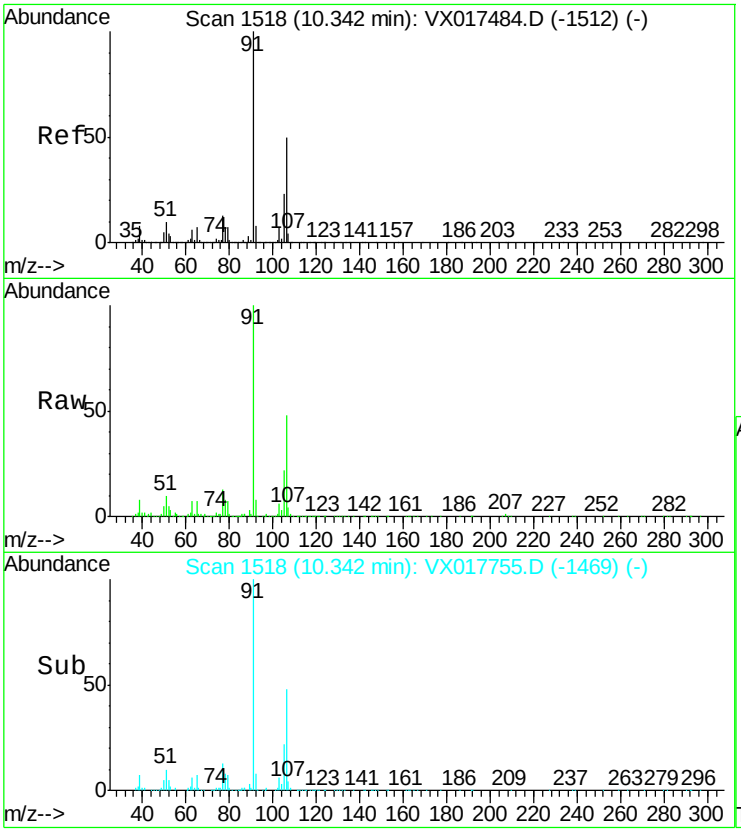


#67
Ethyl Benzene
Concen: 1.065 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion: 91 Resp: 34460

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.8	38.6





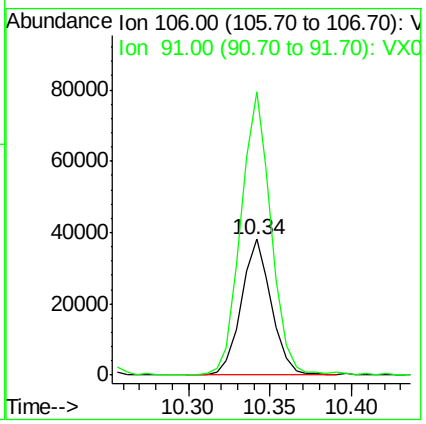
#68
m/p-Xylenes
Concen: 3.865 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

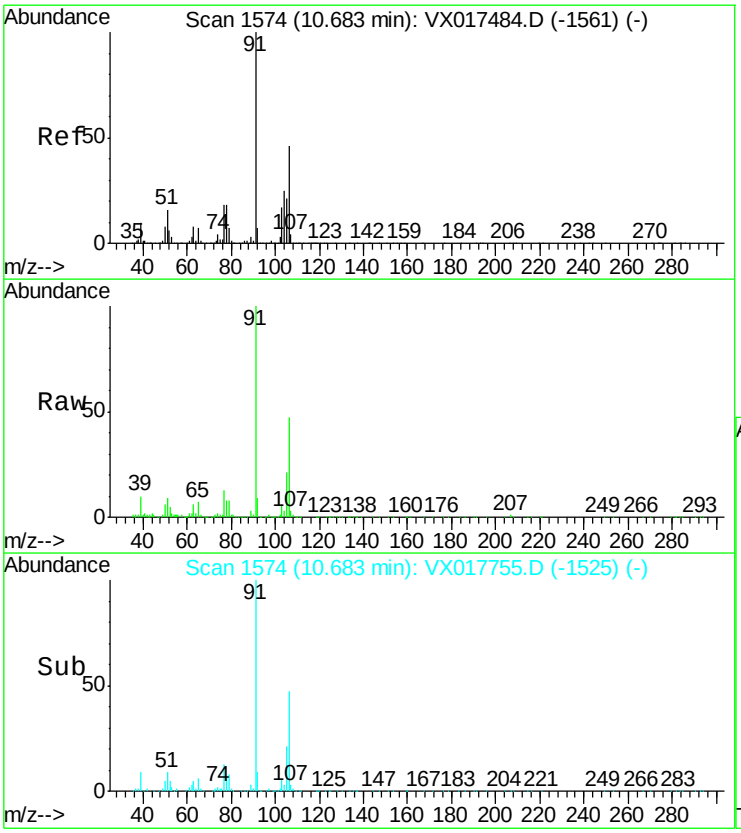
Tgt Ion:106 Resp: 48444

Ion	Ratio	Lower	Upper
106	100		
91	209.2	160.9	241.3

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

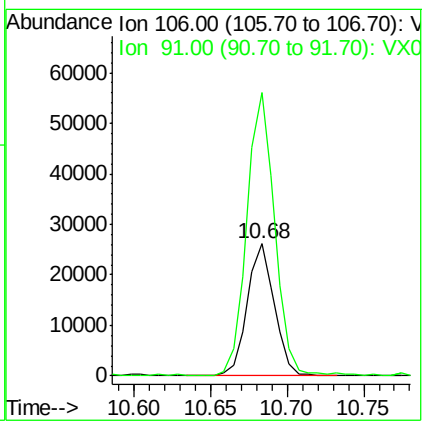


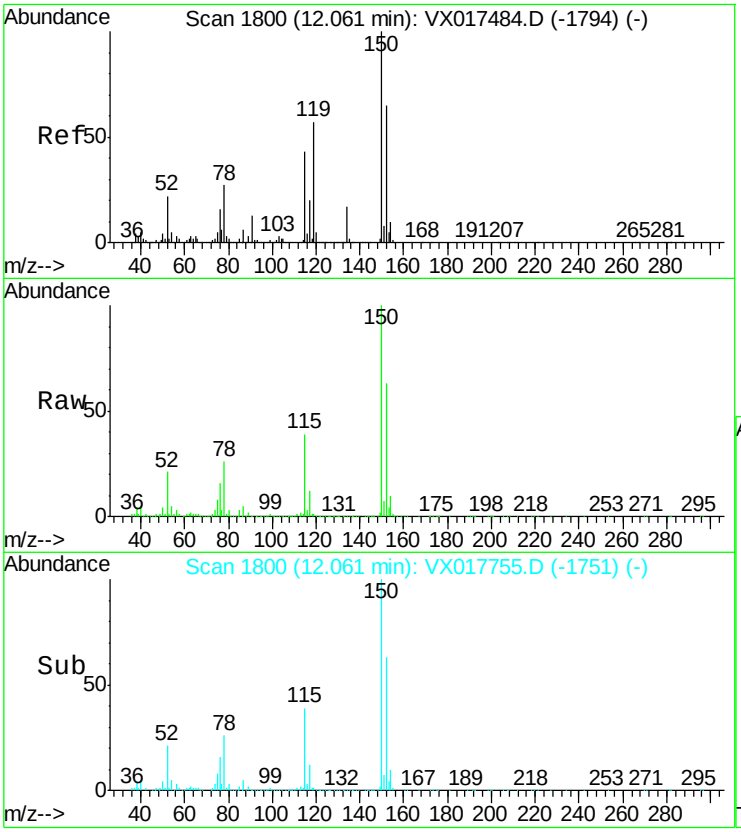


#69
o-Xylene
Concen: 2.669 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:106 Resp: 32178

Ion	Ratio	Lower	Upper
106	100		
91	217.4	108.2	324.6

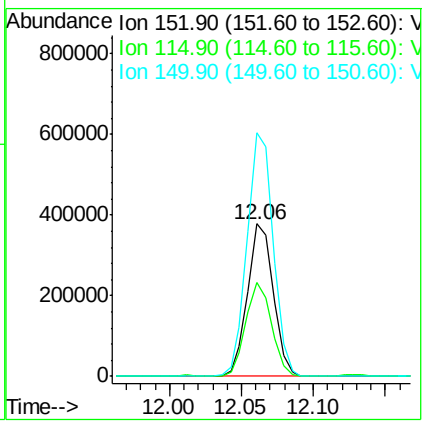




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

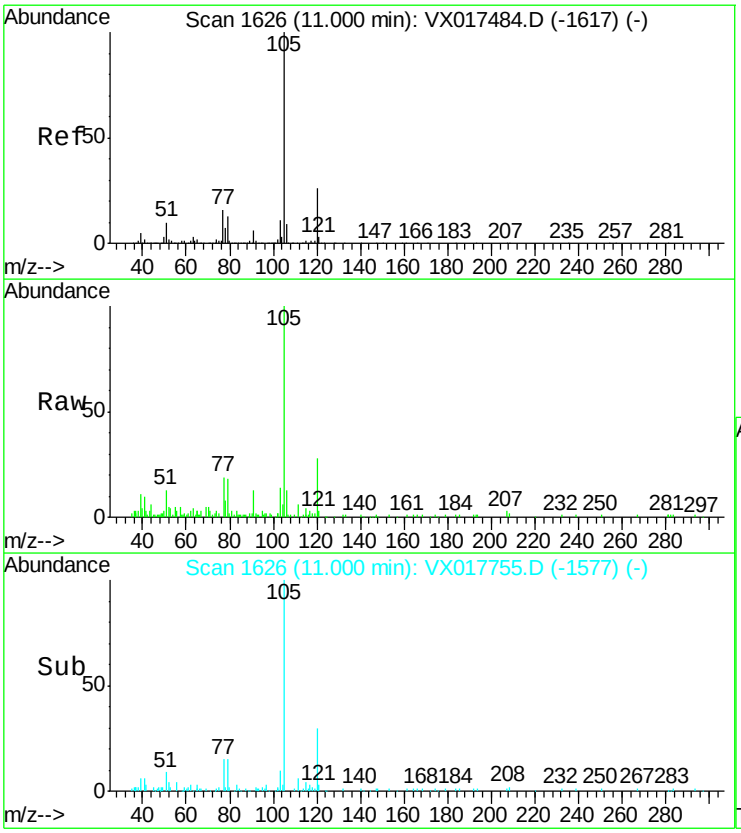
Tgt Ion:152 Resp: 466973

Ion	Ratio	Lower	Upper
152	100		
115	60.9	65.5	196.6#
150	161.6	0.0	412.6



Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

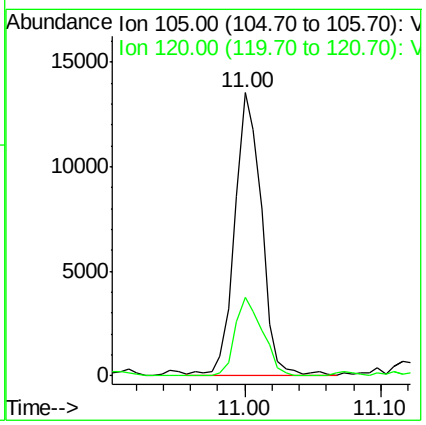
Manual Integrations APPROVED
MMDadoda
8/4/2020 9:51:45 AM

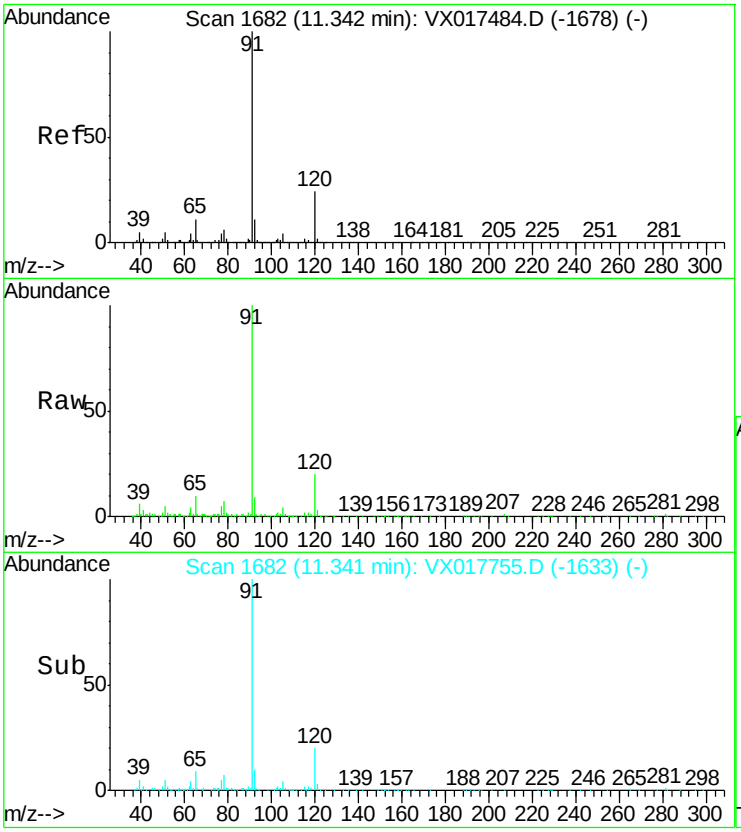


#73
Isopropylbenzene
Concen: 0.575 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:105 Resp: 18425

Ion	Ratio	Lower	Upper
105	100		
120	28.7	13.3	39.8





#78
n-propylbenzene
Concen: 2.037 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion: 91 Resp: 73589

Ion	Ratio	Lower	Upper
91	100		
120	22.7	12.2	36.4

Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

Manual Integrations APPROVED
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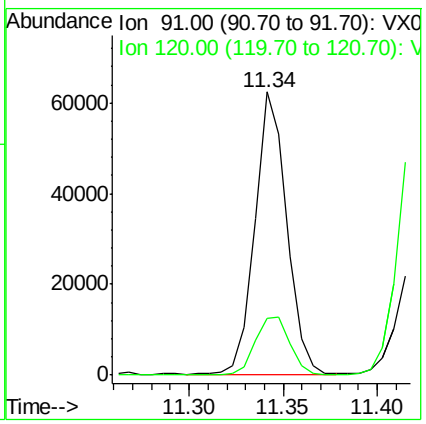
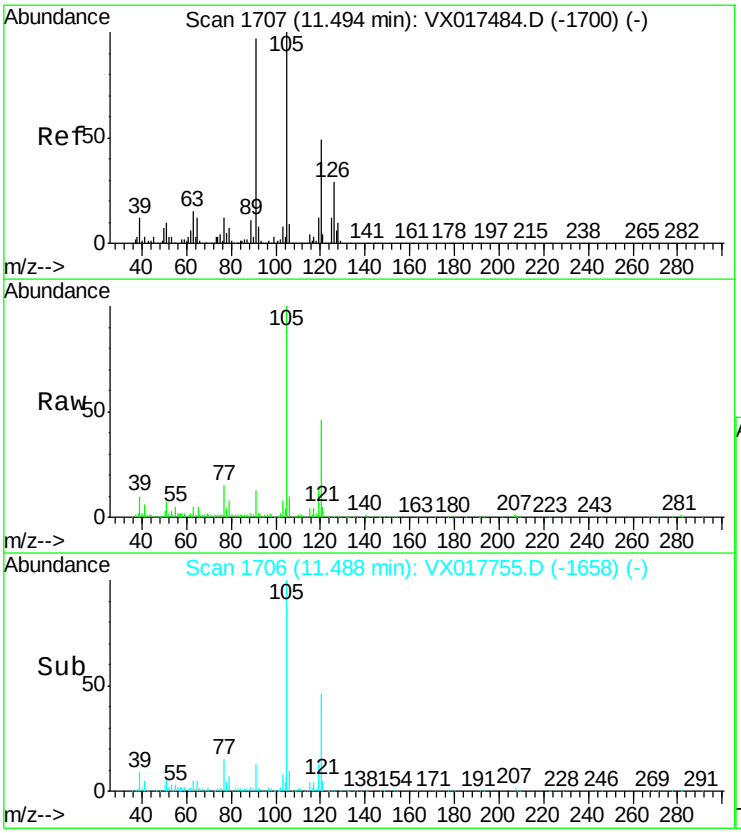
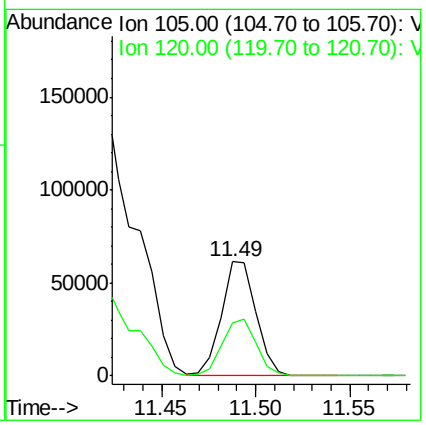


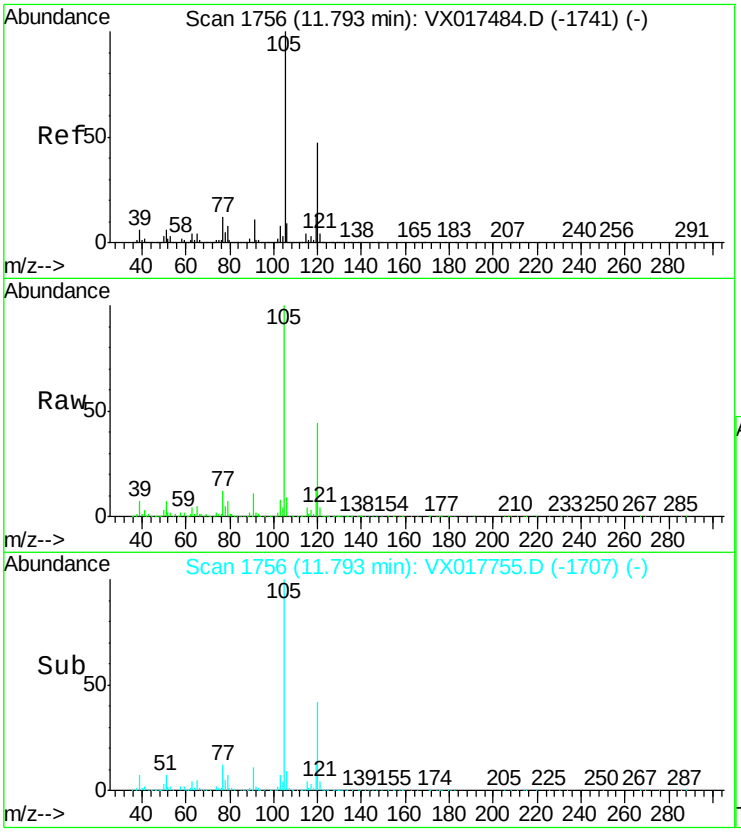


#80
1,3,5-Trimethylbenzene
Concen: 2.865 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:105 Resp: 78361

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.3





#84
1,2,4-Trimethylbenzene
Concen: 11.943 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:105 Resp: 324895

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.7	68.0

Instrument :
MSVOA_X
ClientSampleId :
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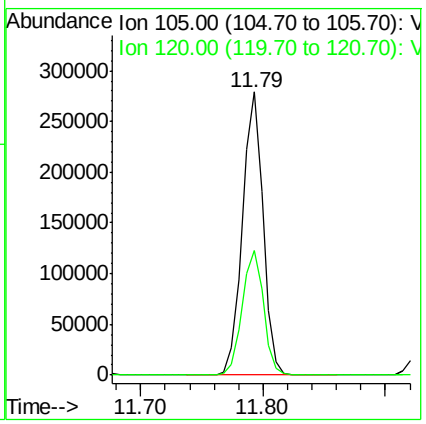
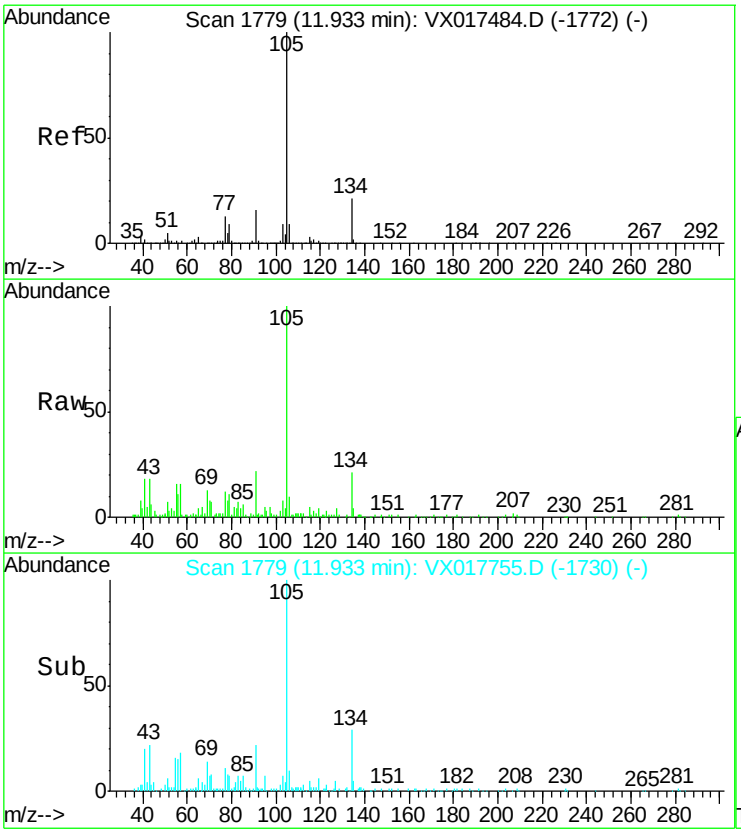
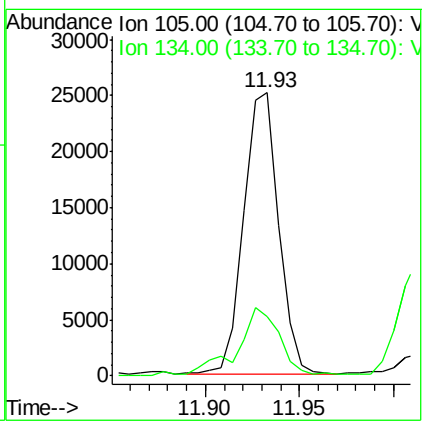


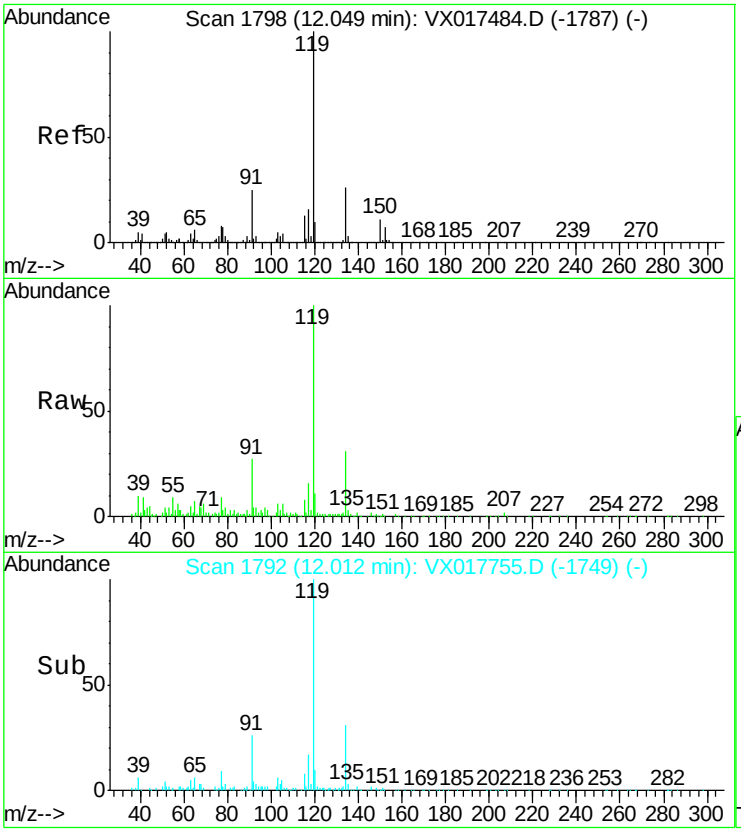


#85
sec-Butylbenzene
Concen: 1.060 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:105 Resp: 32307

Ion	Ratio	Lower	Upper
105	100		
134	30.2	10.4	31.2

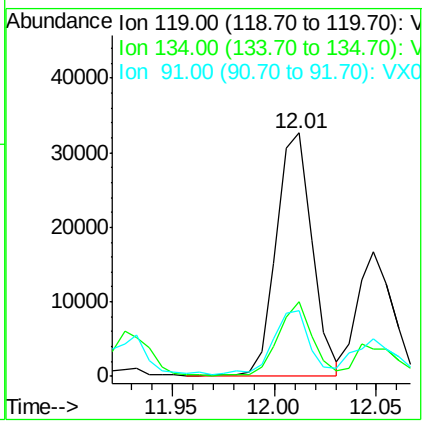




#86
p-Isopropyltoluene
Concen: 1.375 ug/l m
RT: 12.01 min Scan# 1792
Delta R.T. -0.04 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:119 Resp: 39921

Ion	Ratio	Lower	Upper
119	100		
134	15.3	13.1	39.3
91	17.1	12.1	36.3



Instrument :
MSVOA_X
ClientSampleId :
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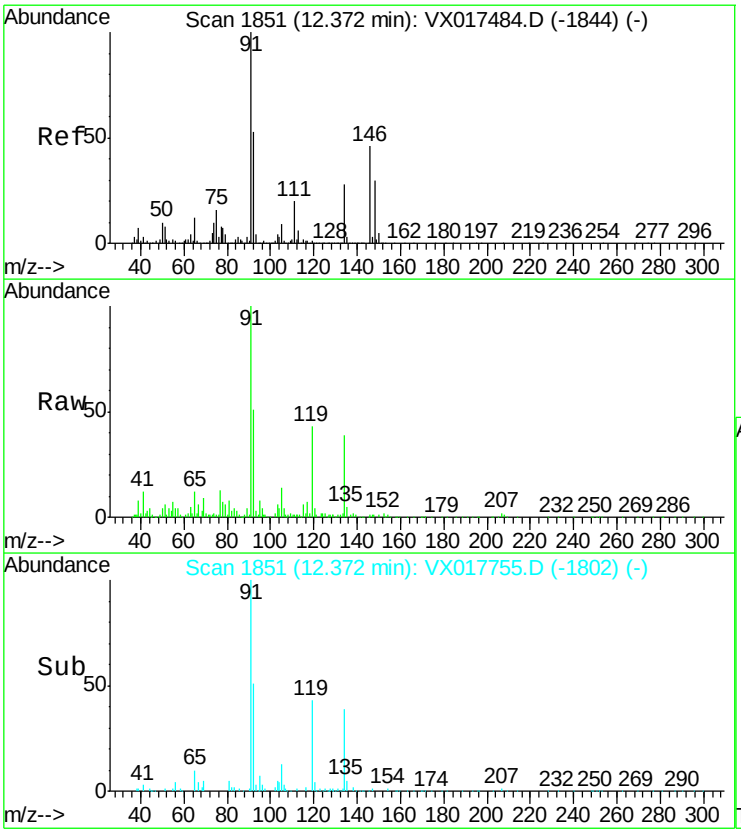
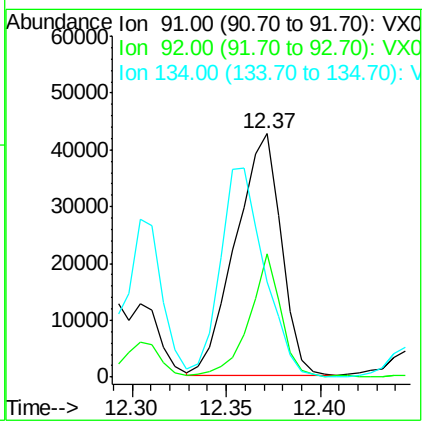
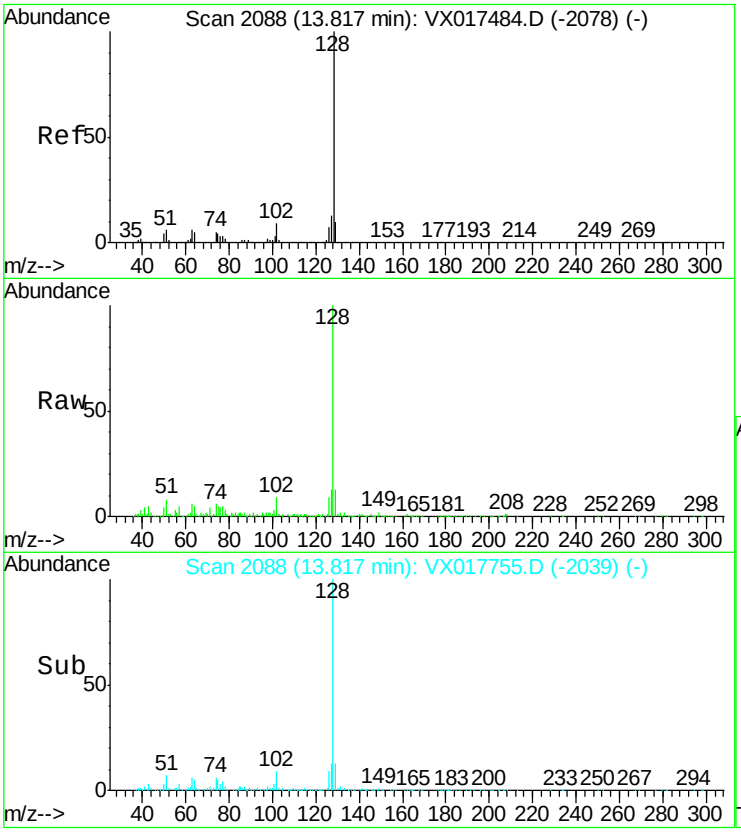


#89
n-Butylbenzene
Concen: 2.747 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion: 91 Resp: 71077

Ion	Ratio	Lower	Upper
91	100		
92	35.9	26.7	80.1
134	84.4	13.6	40.7#

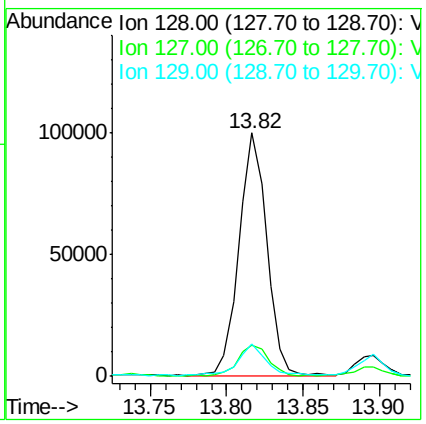




#95
Naphthalene
Concen: 4.127 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017755.D
Acq: 03 Aug 2020 19:11

Tgt Ion:128 Resp: 127269

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	12.5	8.9	13.3



Instrument :
MSVOA_X
ClientSampleId :
USED-ANTIFREEZE-1456

Manual Integrations APPROVED
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