Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018690.D
Acq On : 30 Sep 2020 11:21
Operator : JC/SP
Sample : L4135-10DL2 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG483DL2

Manual Integrations APPROVED
MMDadoda
10/1/2020 10:06:44 AM

Quant Time: Oct 01 01:33:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	228826	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	222950	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	104914	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	49148	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.70	69	46167	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.34	63	92413	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	4.56	46	173283	56.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.50%			
24) Chloroform-d	5.14	84	137647	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	6.03	65	79071	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	6.04	84	237406	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	7.36	67	76652	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	8.70	98	213951	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
45) trans-1,3-Dichloropropene-	8.99	79	30771	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
48) 2-Hexanone-d5	9.43	63	132049	52.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.74%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	61644	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
65) 1,2-Dichlorobenzene-d4	12.36	152	87106	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
8) Chloroethane	1.72	64	3482m	0.511	ug/L	
16) Methylene chloride	2.84	84	8273	0.542	ug/L	97
33) Benzene	6.11	78	63437	1.476	ug/L	100
53) Chlorobenzene	10.12	112	335754	10.947	ug/L	97
56) o-xylene	10.69	106	3260	0.178	ug/L	73
58) Isopropylbenzene	11.00	105	21988	0.449	ug/L #	95

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

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Instrument :
MSVOA_X
ClientSampleId :
BG483DL2

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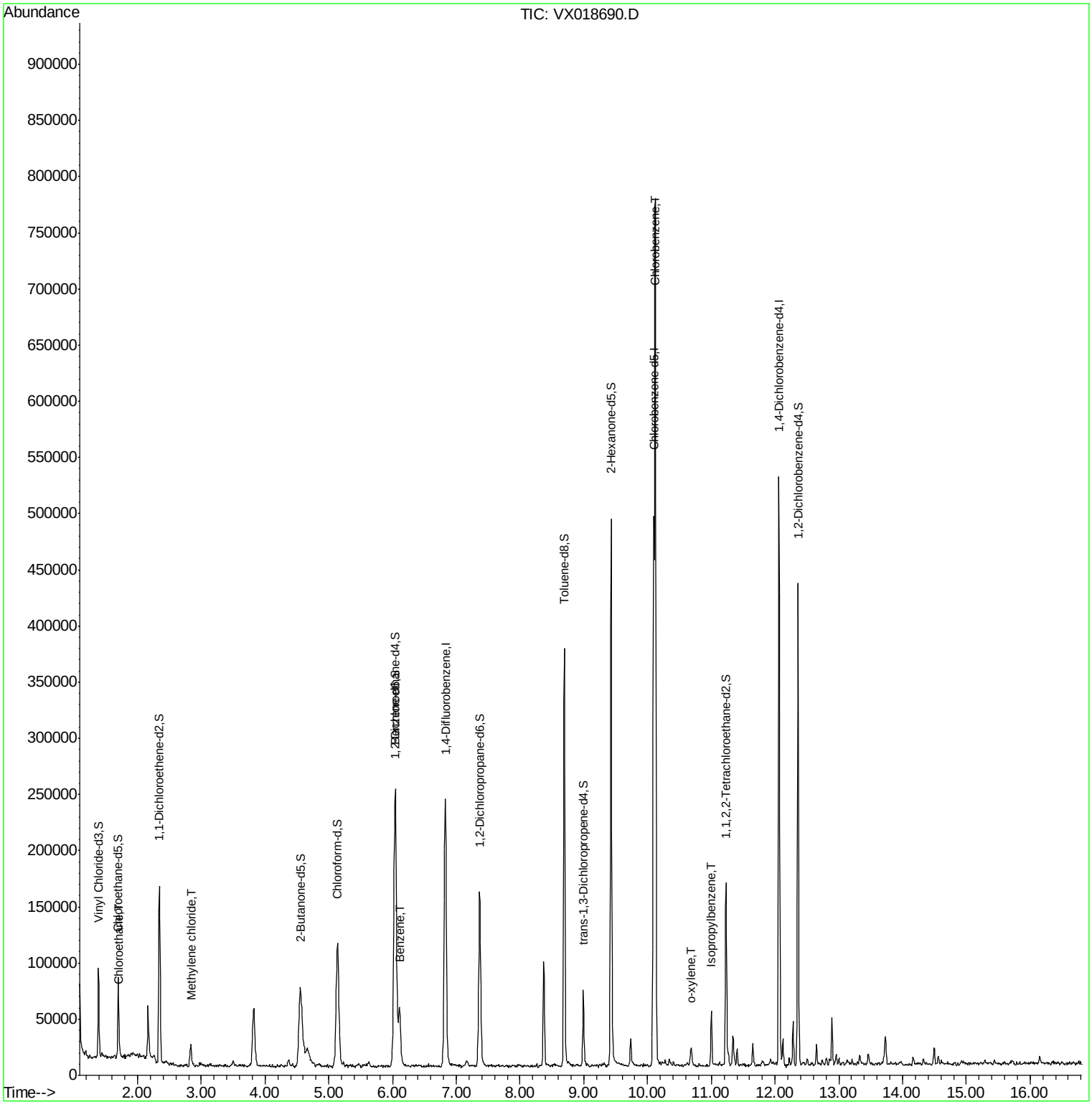
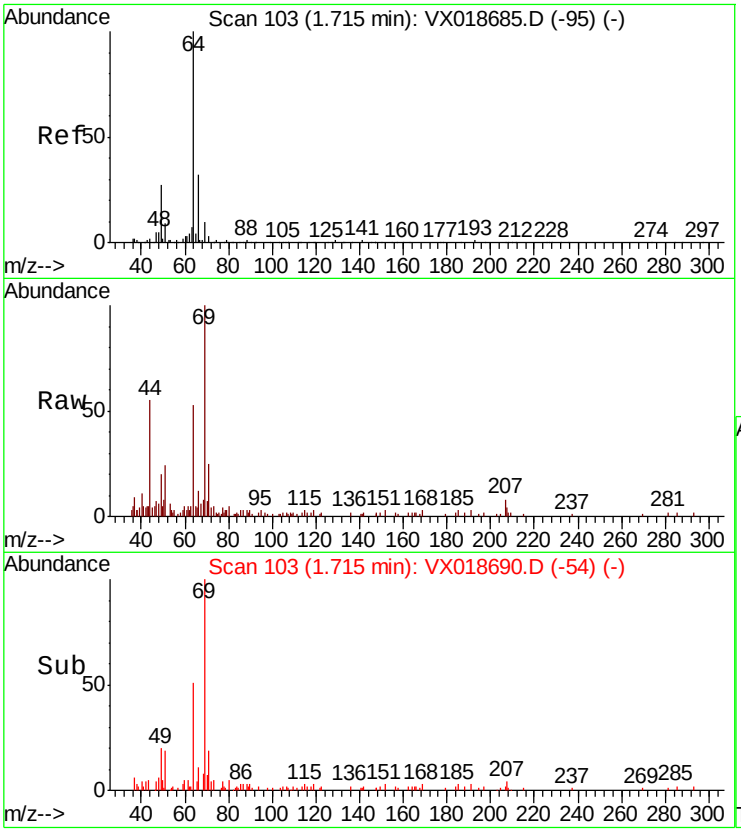
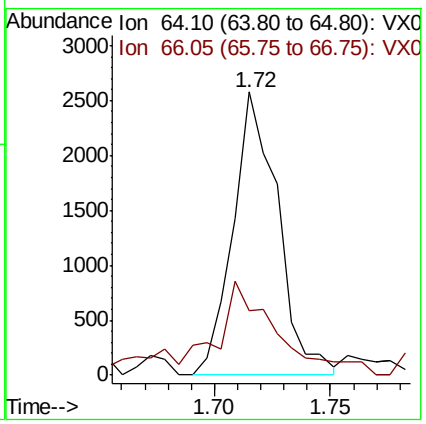




#8
Chloroethane
Concen: 0.511 ug/L m
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018690.D
Acq: 30 Sep 2020 11:21

Tgt Ion: 64 Resp: 3482

Ion	Ratio	Lower	Upper
64	100		
66	22.9	22.3	41.3



Instrument :
MSVOA_X
ClientSampleId :
BG483DL2

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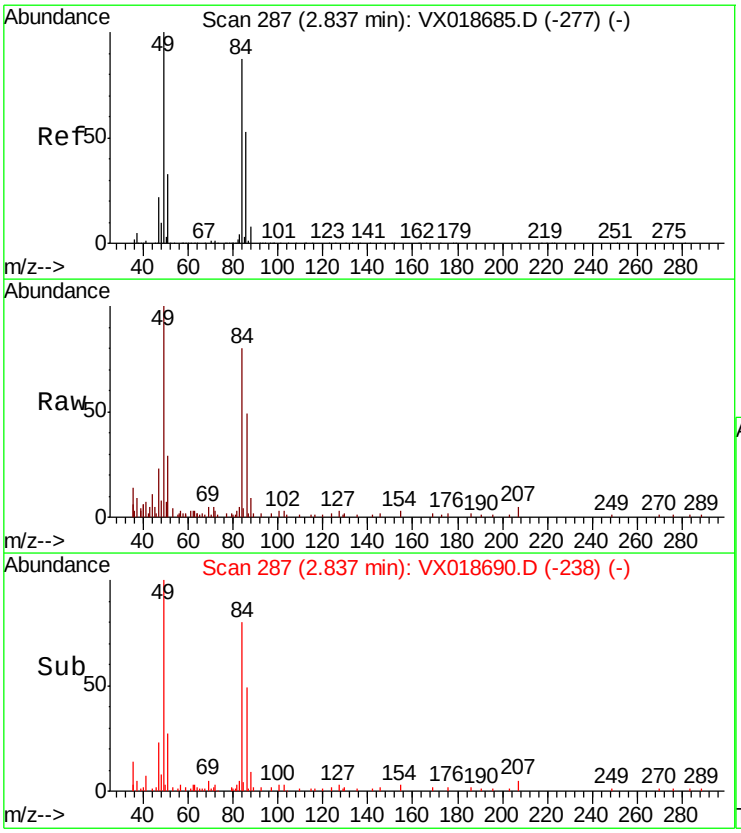
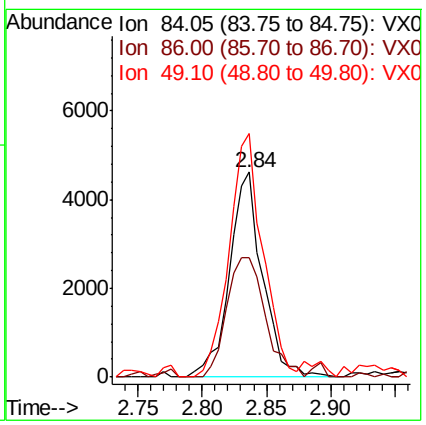
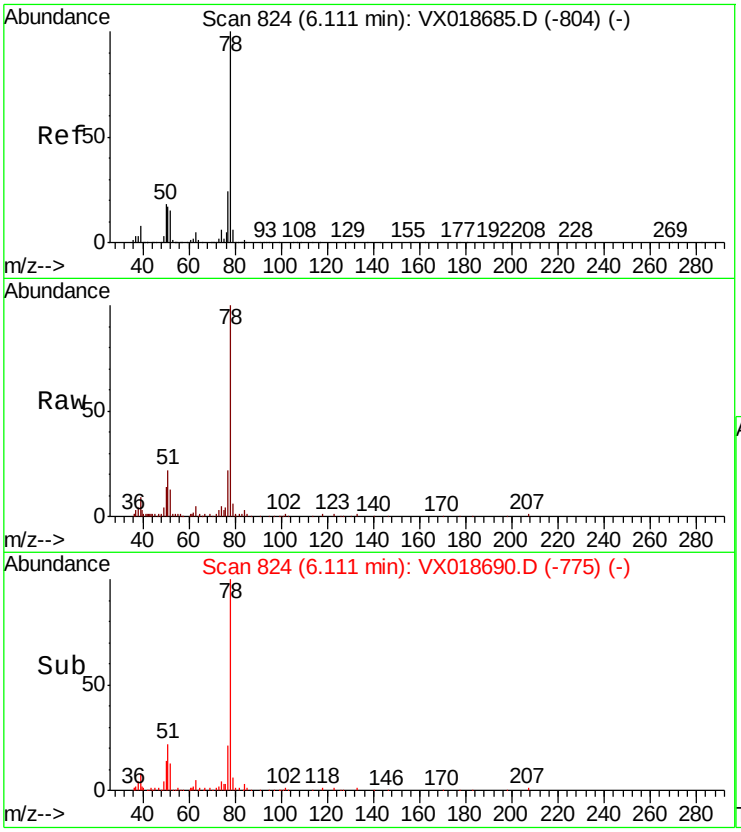


#16
Methylene chloride
Concen: 0.542 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018690.D
Acq: 30 Sep 2020 11:21

Tgt Ion: 84 Resp: 8273

Ion	Ratio	Lower	Upper
84	100		
86	58.1	41.9	77.7
49	119.0	80.8	150.2





#33
Benzene
Concen: 1.476 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018690.D
Acq: 30 Sep 2020 11:21

Tgt Ion: 78 Resp: 63437

Instrument :
MSVOA_X
ClientSampleId :
BG483DL2

Manual Integrations APPROVED
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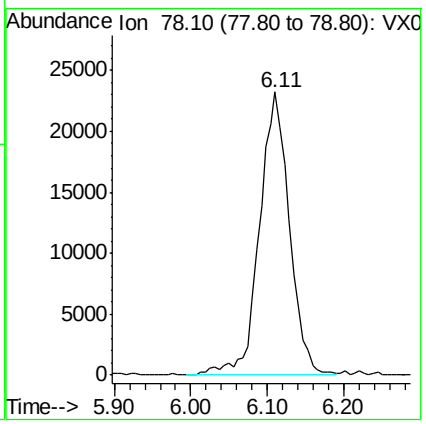
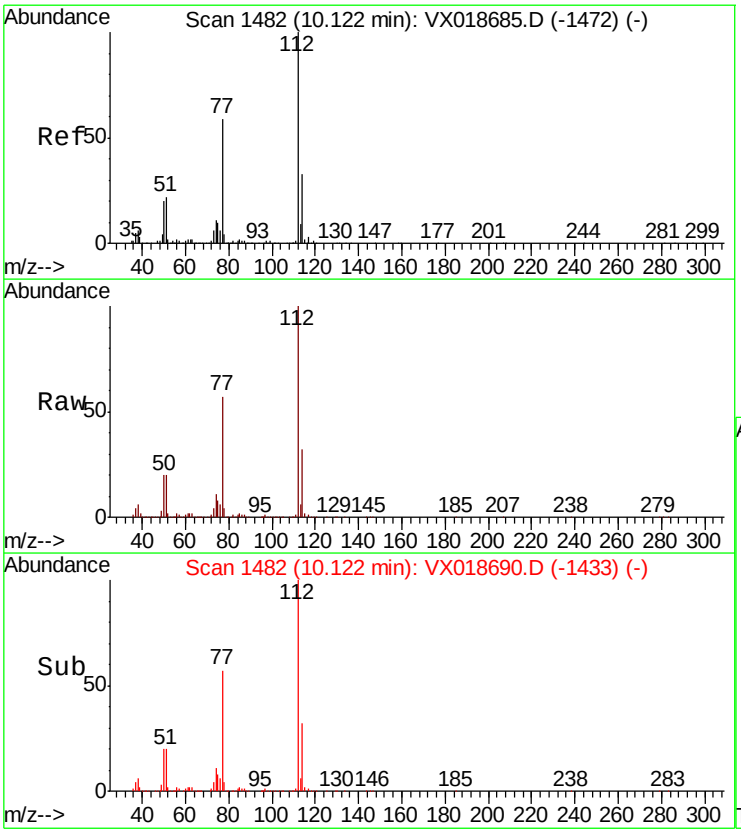
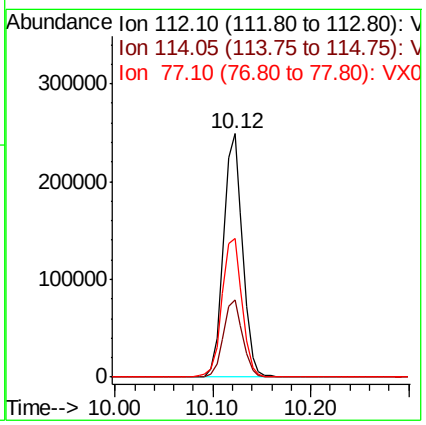


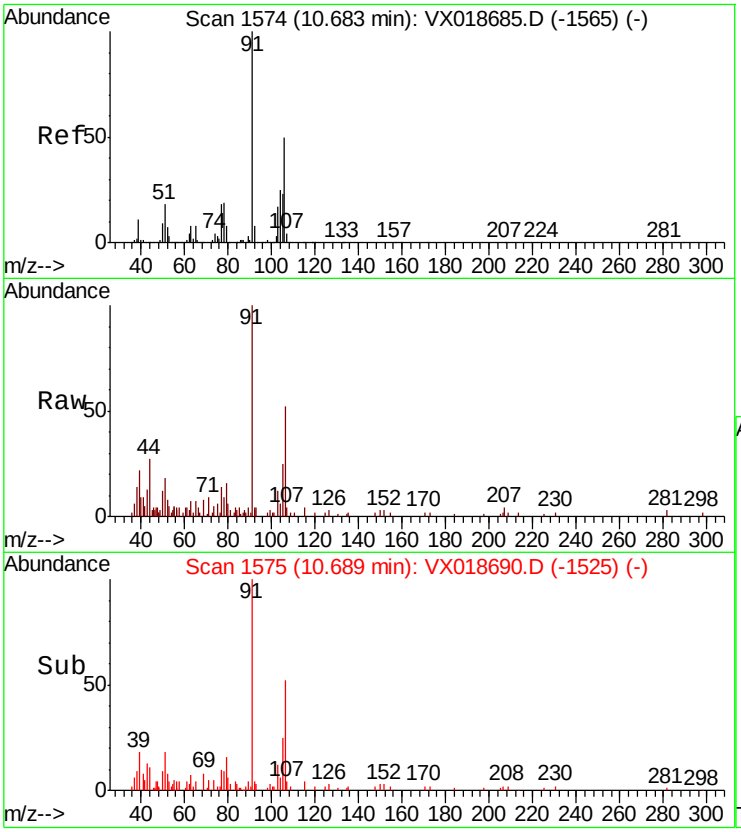


#53
Chlorobenzene
Concen: 10.947 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018690.D
Acq: 30 Sep 2020 11:21

Tgt Ion:112 Resp: 335754

Ion	Ratio	Lower	Upper
112	100		
114	31.8	20.6	38.4
77	56.9	46.6	69.8





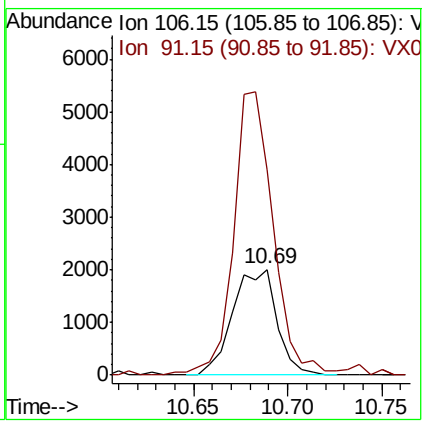
#56
o-xylene
Concen: 0.178 ug/L
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX018690.D
Acq: 30 Sep 2020 11:21

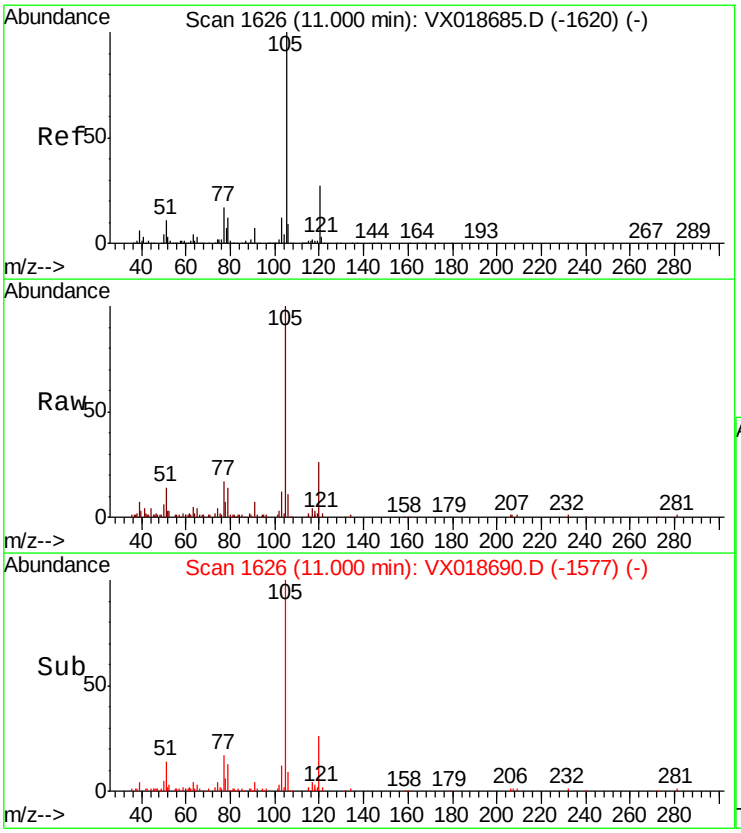
Tgt Ion:106 Resp: 3260

Ion	Ratio	Lower	Upper
106	100		
91	193.9	167.5	311.1

Instrument :
MSVOA_X
ClientSampleId :
BG483DL2

Manual Integrations APPROVED
MMDadoda
10/1/2020 10:06:44 AM





#58
Isopropylbenzene
Concen: 0.449 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018690.D
Acq: 30 Sep 2020 11:21

Tgt Ion:105 Resp: 21988

Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.2	31.8
77	20.7	13.3	19.9#