Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018687.D
Acq On : 30 Sep 2020 09:51
Operator : JC/SP
Sample : L4135-08DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG482DL

Quant Time: Oct 01 01:19:56 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	6.82	114	246500	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	233521	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	109147	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	44507	3.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.00%			
7) Chloroethane-d5	1.70	69	39623	3.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.80%			
11) 1,1-Dichloroethene-d2	2.34	63	82935	2.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.20%#			
20) 2-Butanone-d5	4.55	46	148929	45.28	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.56%			
24) Chloroform-d	5.13	84	118035	3.86	ug/L	-0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.20%			
26) 1,2-Dichloroethane-d4	6.03	65	67806	3.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.20%			
32) Benzene-d6	6.05	84	213679	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.40%			
36) 1,2-Dichloropropane-d6	7.37	67	67344	4.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.00%			
41) Toluene-d8	8.70	98	182722	3.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.20%#			
45) trans-1,3-Dichloropropene-	8.99	79	26394	3.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.20%			
48) 2-Hexanone-d5	9.43	63	110446	42.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.44%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52804	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
65) 1,2-Dichlorobenzene-d4	12.36	152	73567	4.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.60%			
Target Compounds						Qvalue
33) Benzene	6.10	78	493504	10.961	ug/L	100
53) Chlorobenzene	10.12	112	37920	1.180	ug/L	95
55) m,p-xylene	10.34	106	9981	0.493	ug/L	99
58) Isopropylbenzene	11.00	105	86851	1.692	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	4711	0.197	ug/L #	82
66) 1,2-Dichlorobenzene	12.37	146	6999	0.317	ug/L	92

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

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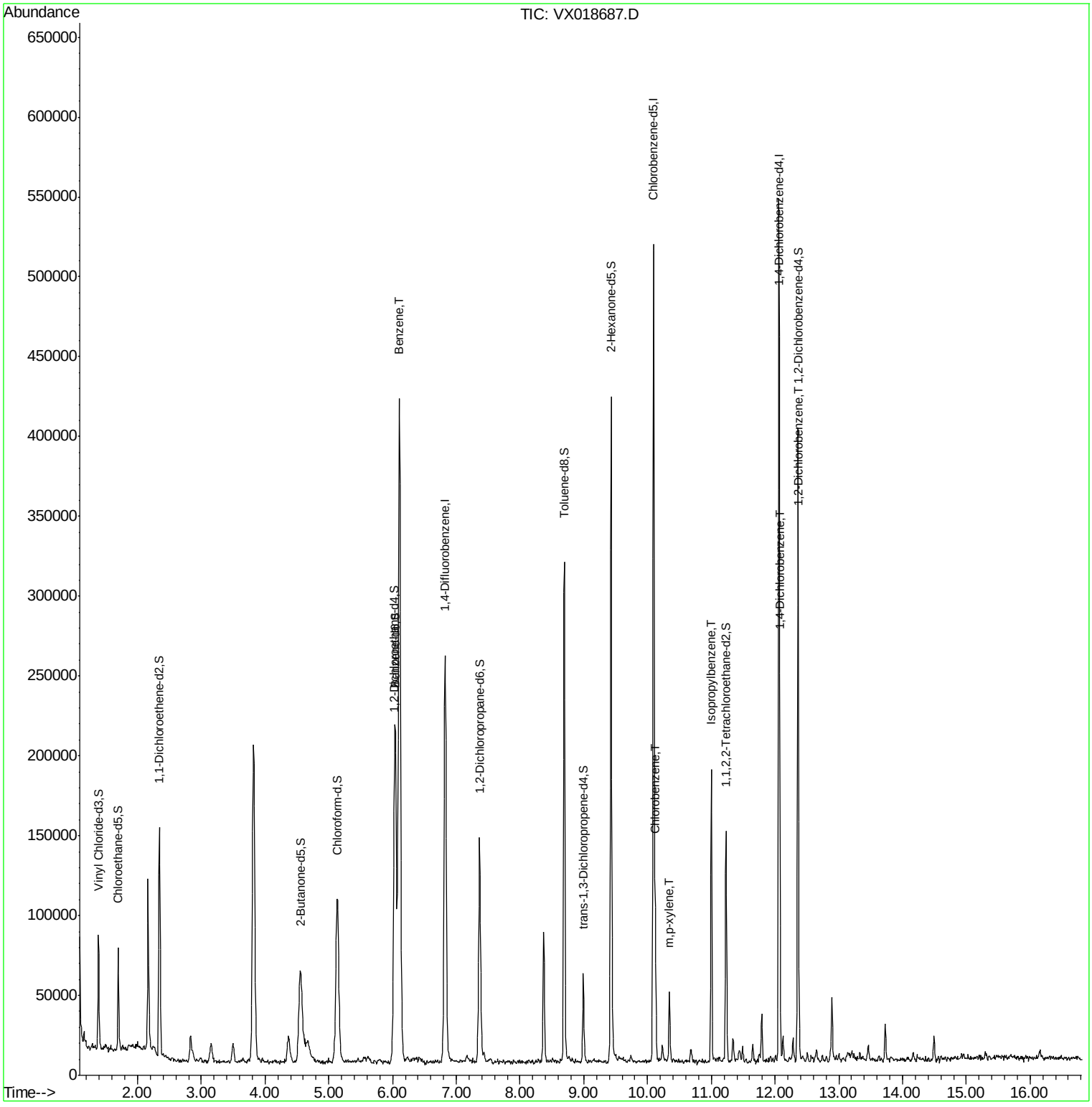
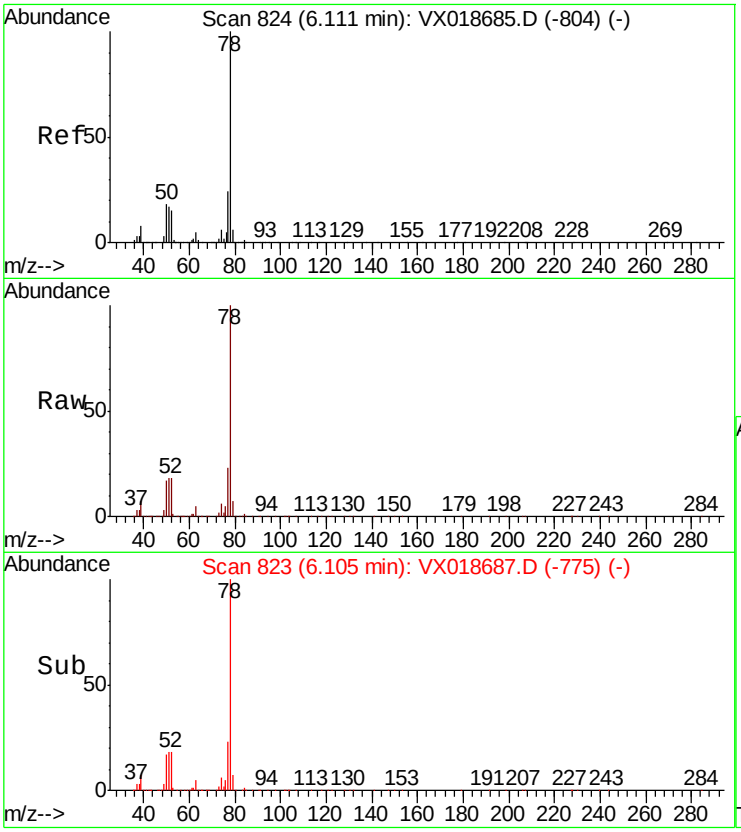
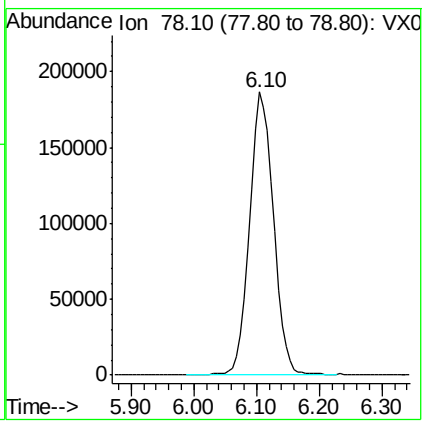


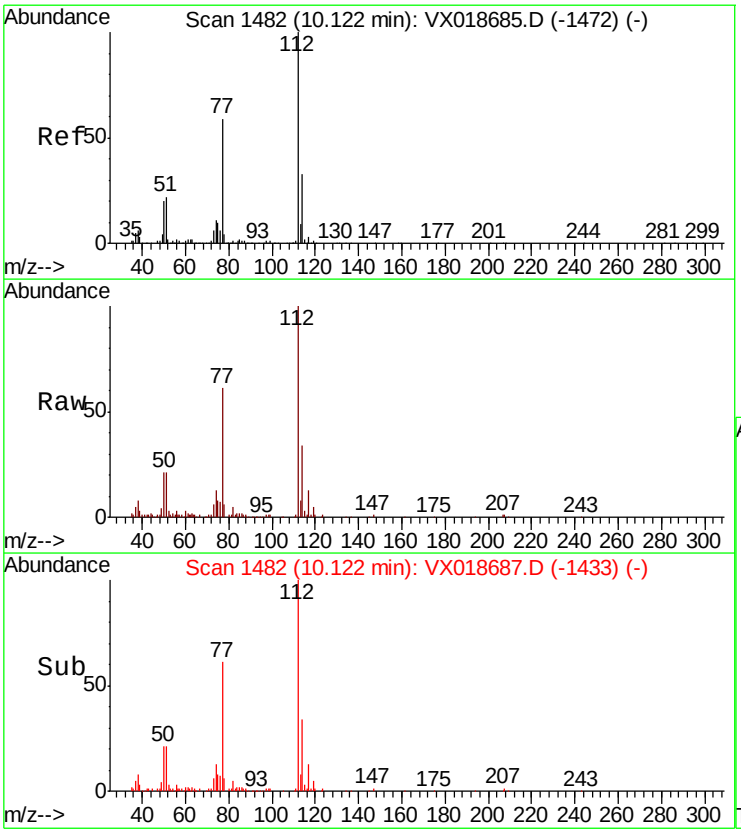


#33
Benzene
Concen: 10.961 ug/L
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018687.D
Acq: 30 Sep 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
BG482DL

Tgt Ion: 78 Resp: 493504

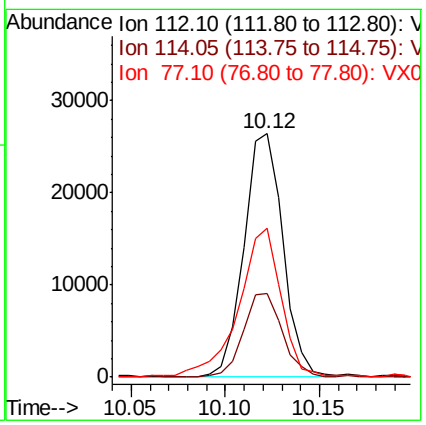


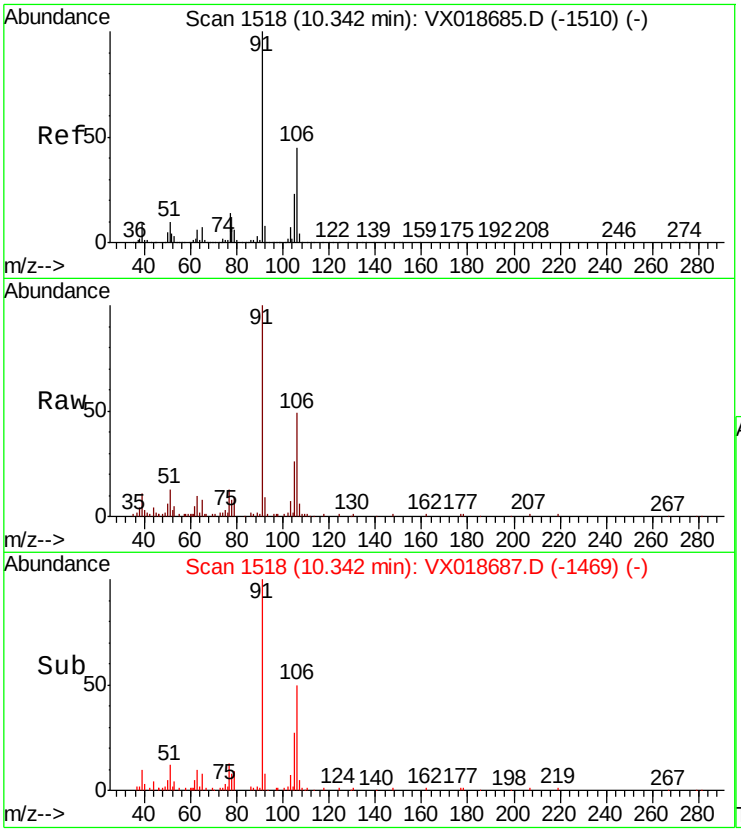


#53
Chlorobenzene
Concen: 1.180 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018687.D
Acq: 30 Sep 2020 09:51

Tgt Ion:112 Resp: 37920

Ion	Ratio	Lower	Upper
112	100		
114	34.3	20.6	38.4
77	61.0	46.6	69.8



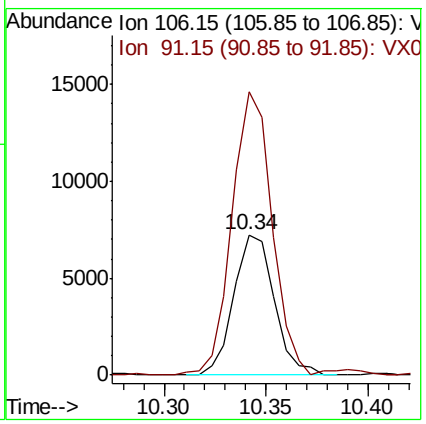


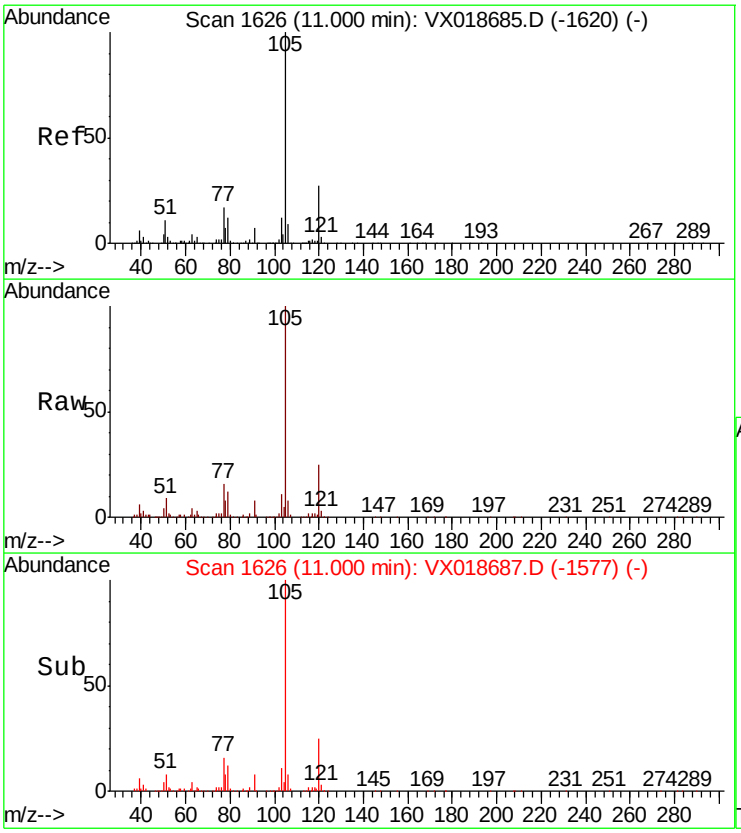
#55
m,p-xylene
Concen: 0.493 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018687.D
Acq: 30 Sep 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
BG482DL

Tgt Ion:106 Resp: 9981

Ion	Ratio	Lower	Upper
106	100		
91	202.0	140.3	260.6

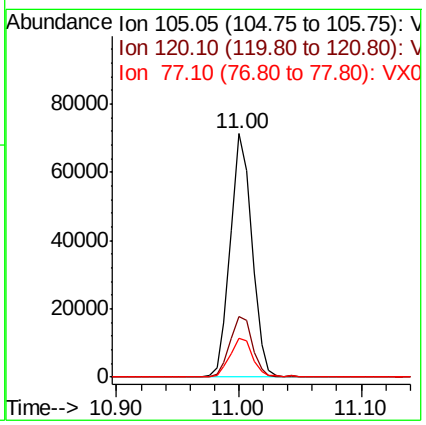


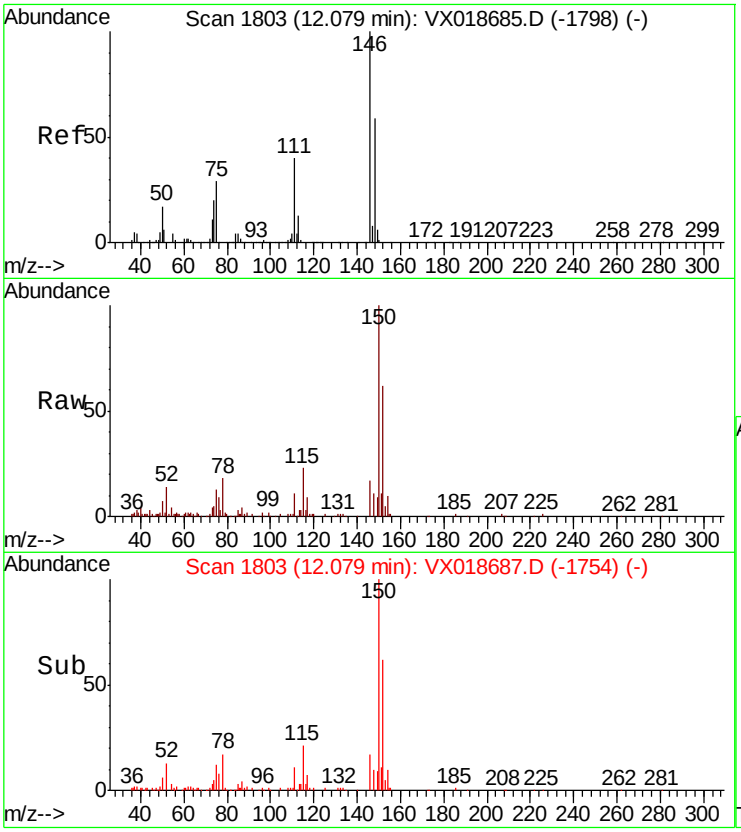


#58
Isopropylbenzene
Concen: 1.692 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018687.D
Acq: 30 Sep 2020 09:51

Tgt Ion:105 Resp: 86851

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.2	31.8
77	17.1	13.3	19.9



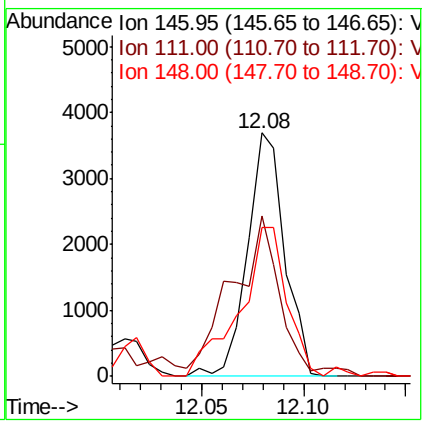


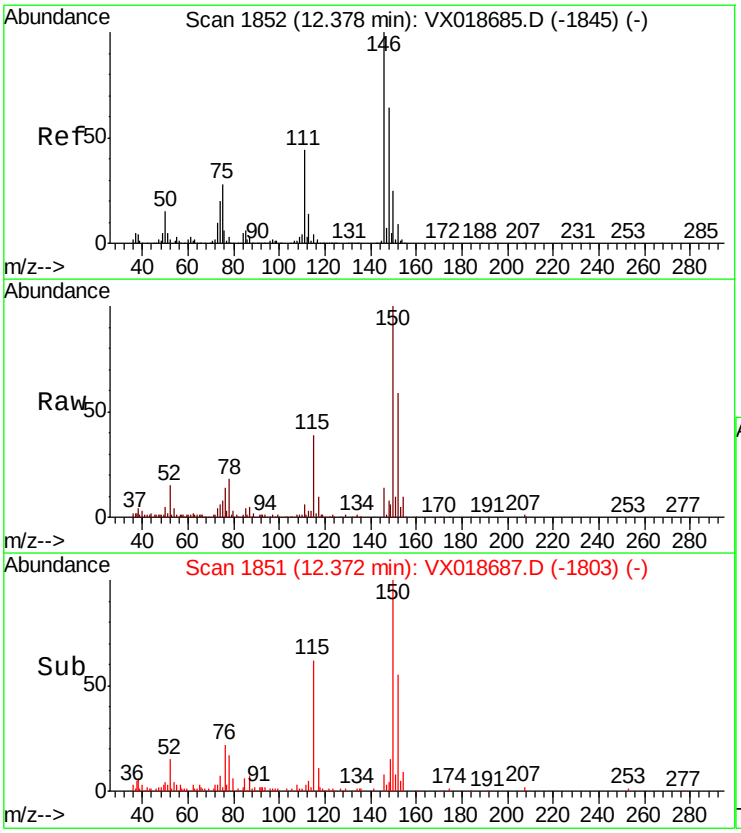
#64
1,4-Dichlorobenzene
Concen: 0.197 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX018687.D
Acq: 30 Sep 2020 09:51

Instrument : MSVOA_X
ClientSampleId : BG482DL

Tgt Ion:146 Resp: 4711

Ion	Ratio	Lower	Upper
146	100		
111	65.7	28.8	53.4#
148	61.3	44.9	83.3





#66
1,2-Dichlorobenzene
Concen: 0.317 ug/L
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018687.D
Acq: 30 Sep 2020 09:51

Tgt Ion:146 Resp: 6999

Ion	Ratio	Lower	Upper
146	100		
111	46.5	33.6	50.4
148	59.8	53.4	80.2