Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092920\
Data File : VX018678.D
Acq On : 30 Sep 2020 00:19
Operator : JC/SP
Sample : L4135-08DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG482DL

Quant Time: Oct 13 15:04:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	237642	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	223220	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	100104	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	48299	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.70	69	44850	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.34	63	92885	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	4.56	46	158682	50.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.08%			
24) Chloroform-d	5.14	84	129427	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	6.03	65	73260	4.27	ug/L	-0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
32) Benzene-d6	6.05	84	232017	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	7.37	67	71961	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	8.70	98	204223	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%			
45) trans-1,3-Dichloropropene-	8.99	79	28123	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
48) 2-Hexanone-d5	9.43	63	117870	47.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.28%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55050	4.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	79375	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			

Target Compounds						Qvalue
16) Methylene chloride	2.83	84	4299	0.271	ug/L	95
33) Benzene	6.12	78	507983	11.803	ug/L	100
53) Chlorobenzene	10.12	112	38308	1.247	ug/L	94
55) m,p-xylene	10.35	106	9086	0.469	ug/L	77
56) o-xylene	10.68	106	1641	0.090	ug/L #	54
58) Isopropylbenzene	11.00	105	84710	1.727	ug/L	100
64) 1,4-Dichlorobenzene	12.09	146	4671	0.212	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	6880	0.339	ug/L #	86

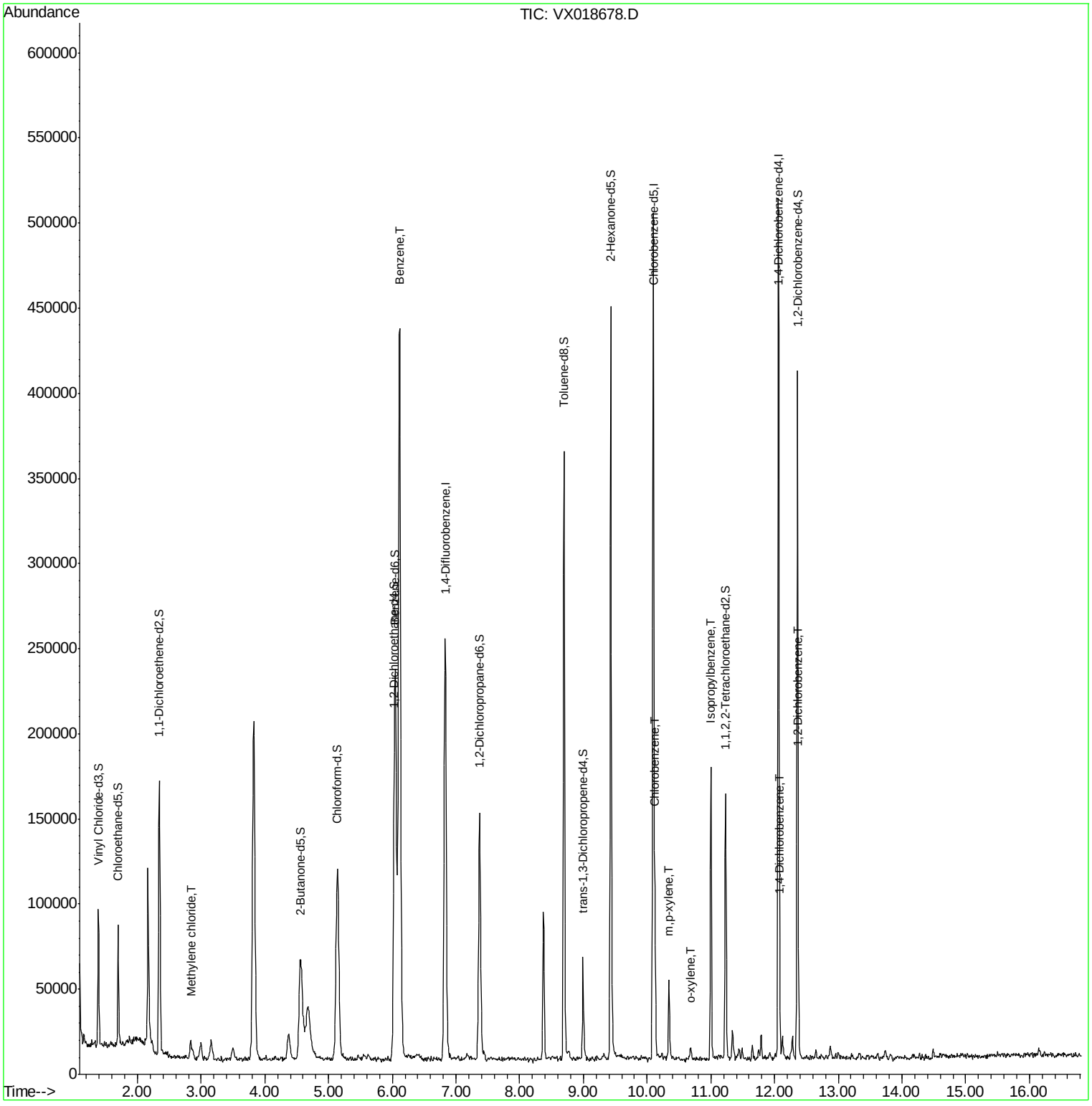
(#) = qualifier out of range (m) = manual integration (+) = signals summed

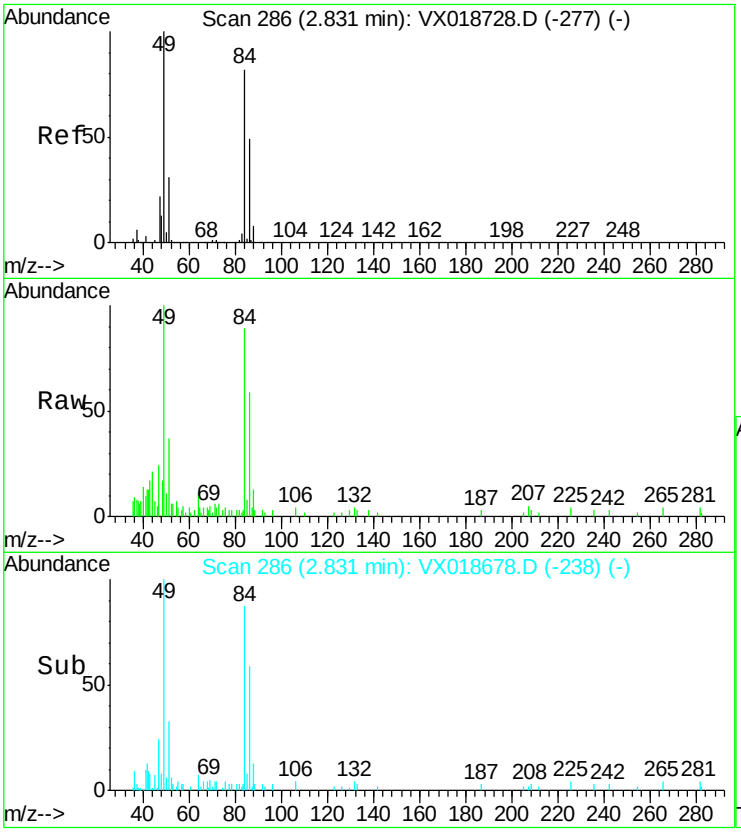
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092920\
Data File : VX018678.D
Acq On : 30 Sep 2020 00:19
Operator : JC/SP
Sample : L4135-08DL 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG482DL

Quant Time: Oct 13 15:04:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration



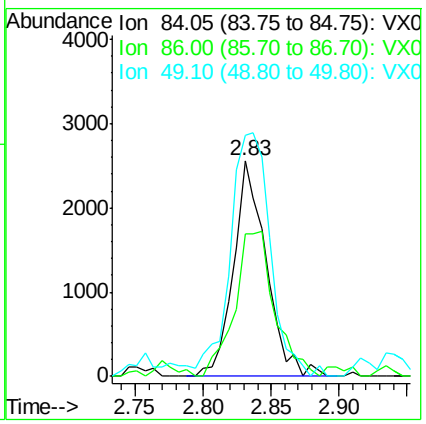


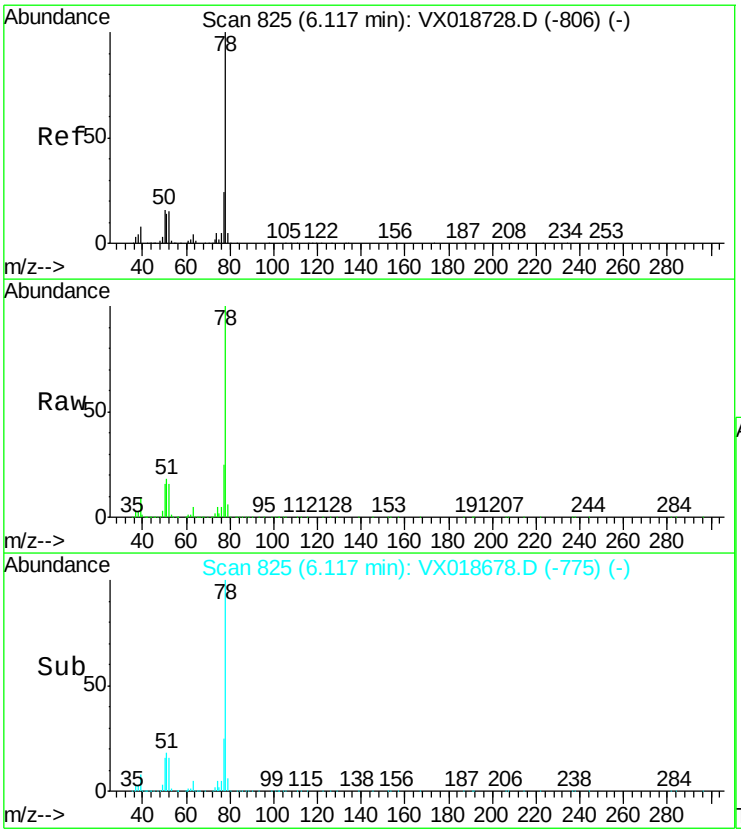
#16
Methylene chloride
Concen: 0.271 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018678.D
Acq: 30 Sep 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
BG482DL

Tgt Ion: 84 Resp: 4299

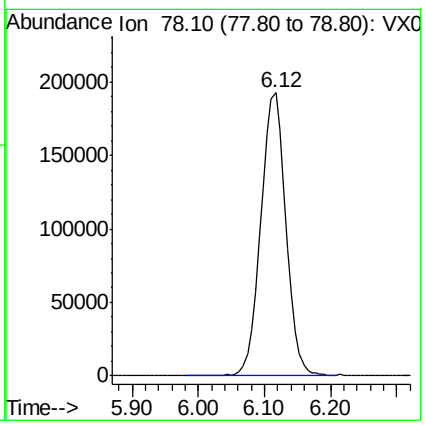
Ion	Ratio	Lower	Upper
84	100		
86	66.2	41.9	77.7
49	111.9	80.8	150.2

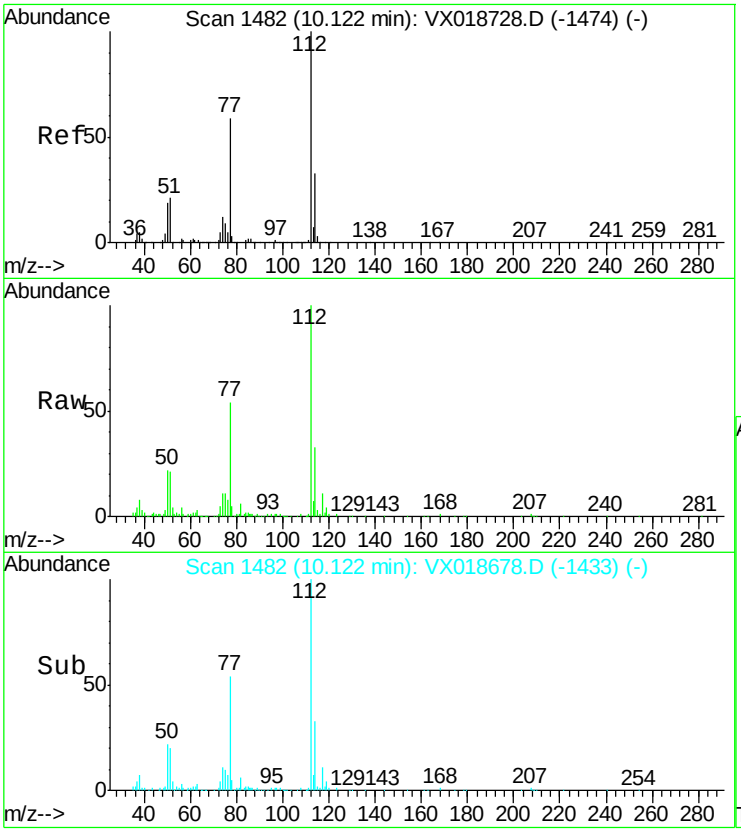




#33
Benzene
Concen: 11.803 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018678.D
Acq: 30 Sep 2020 00:19

Tgt Ion: 78 Resp: 507983



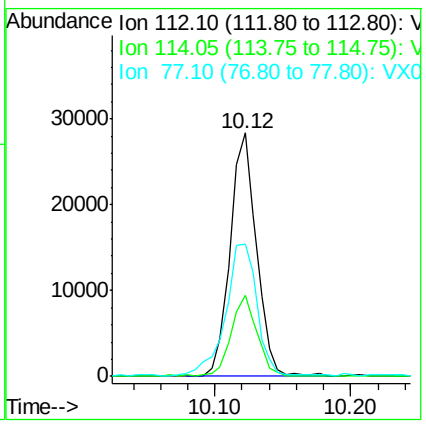


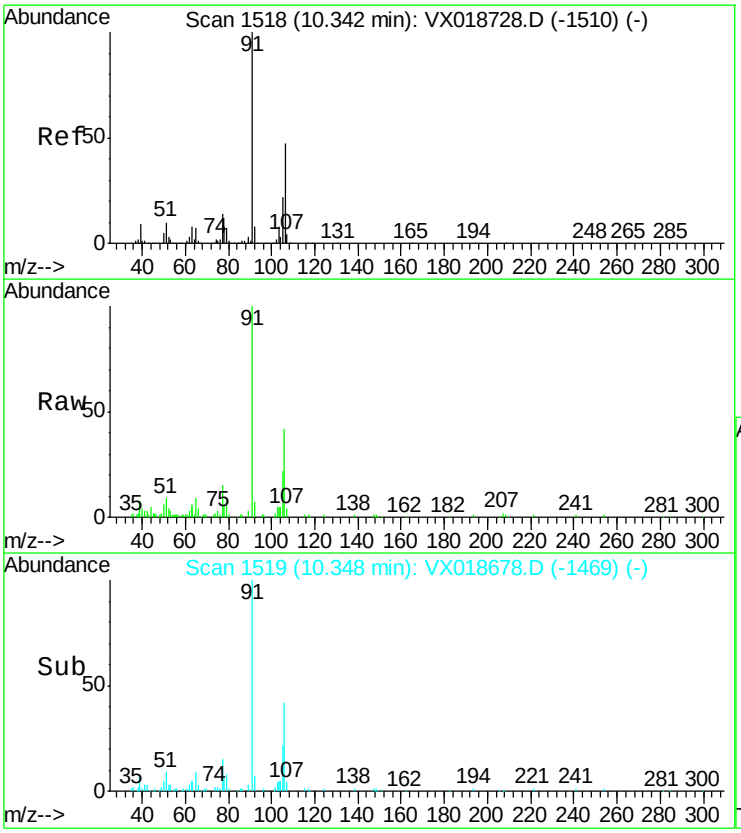
#53
Chlorobenzene
Concen: 1.247 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018678.D
Acq: 30 Sep 2020 00:19

Instrument : MSVOA_X
ClientSampleId : BG482DL

Tgt Ion:112 Resp: 38308

Ion	Ratio	Lower	Upper
112	100		
114	33.2	20.6	38.4
77	54.3	46.6	69.8

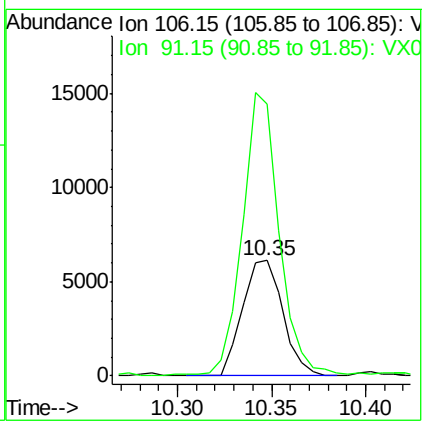


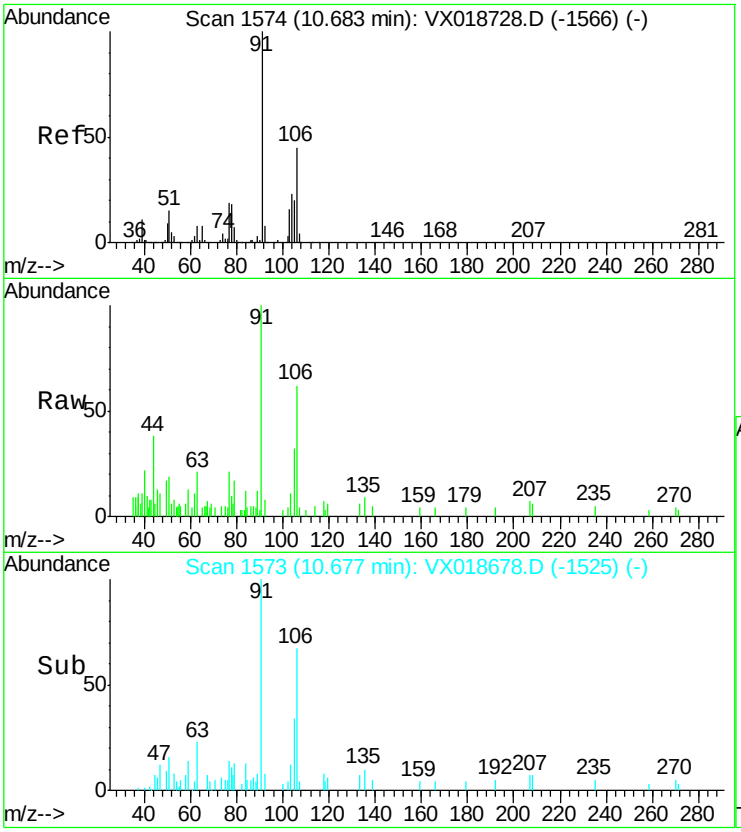


#55
m,p-xylene
Concen: 0.469 ug/L
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX018678.D
Acq: 30 Sep 2020 00:19

Tgt Ion:106 Resp: 9086

Ion	Ratio	Lower	Upper
106	100		
91	235.5	140.3	260.6



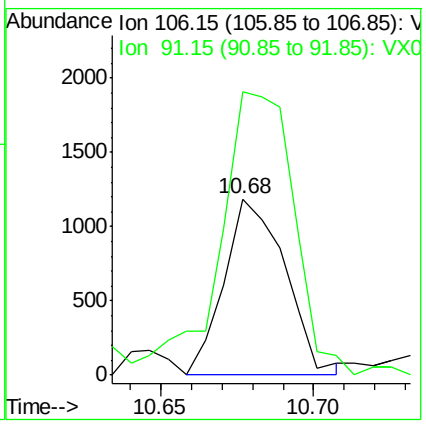


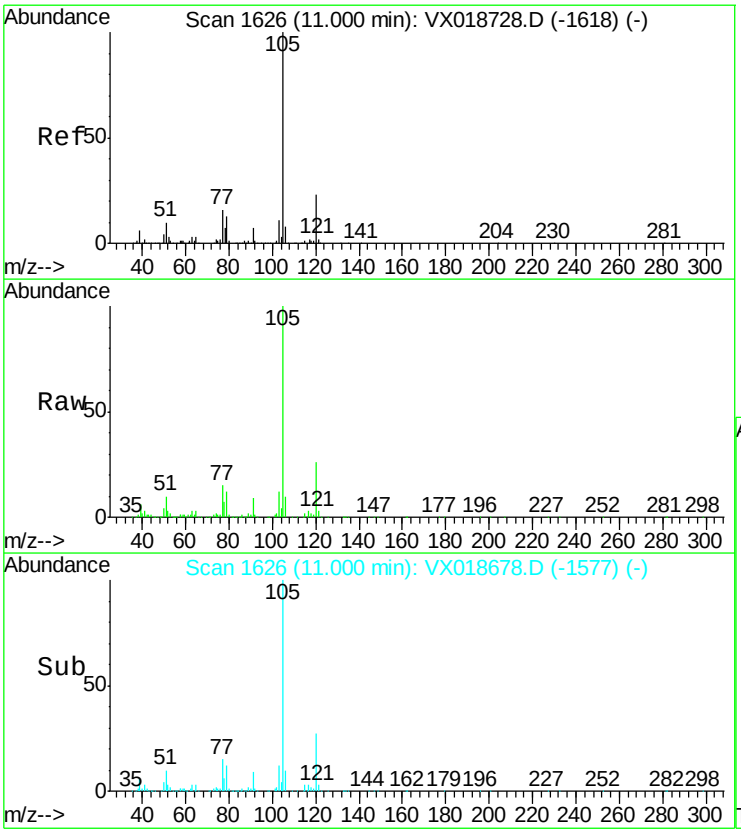
#56
o-xylene
Concen: 0.090 ug/L
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX018678.D
Acq: 30 Sep 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
BG482DL

Tgt Ion:106 Resp: 1641

Ion	Ratio	Lower	Upper
106	100		
91	160.8	167.5	311.1#

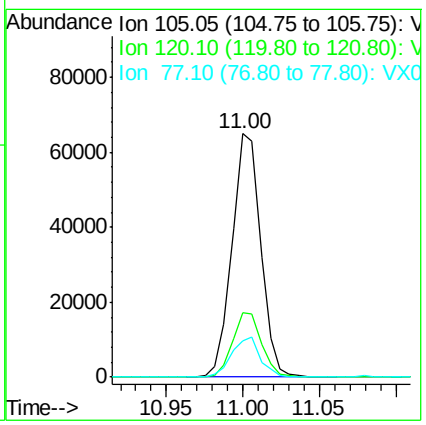


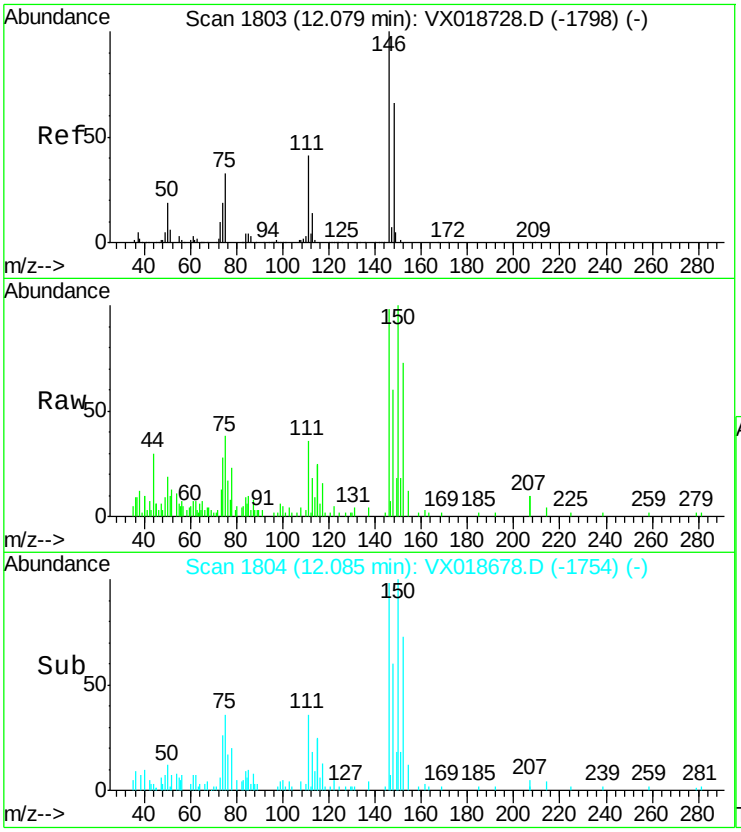


#58
Isopropylbenzene
Concen: 1.727 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018678.D
Acq: 30 Sep 2020 00:19

Tgt Ion:105 Resp: 84710

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.2	31.8
77	16.6	13.3	19.9



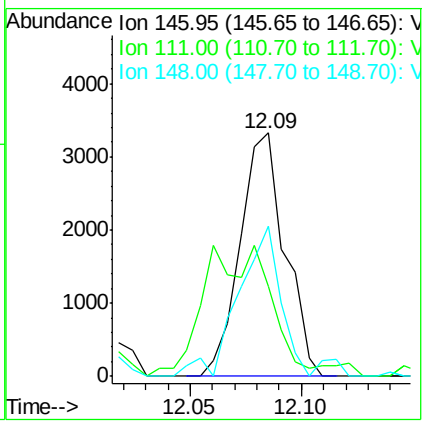


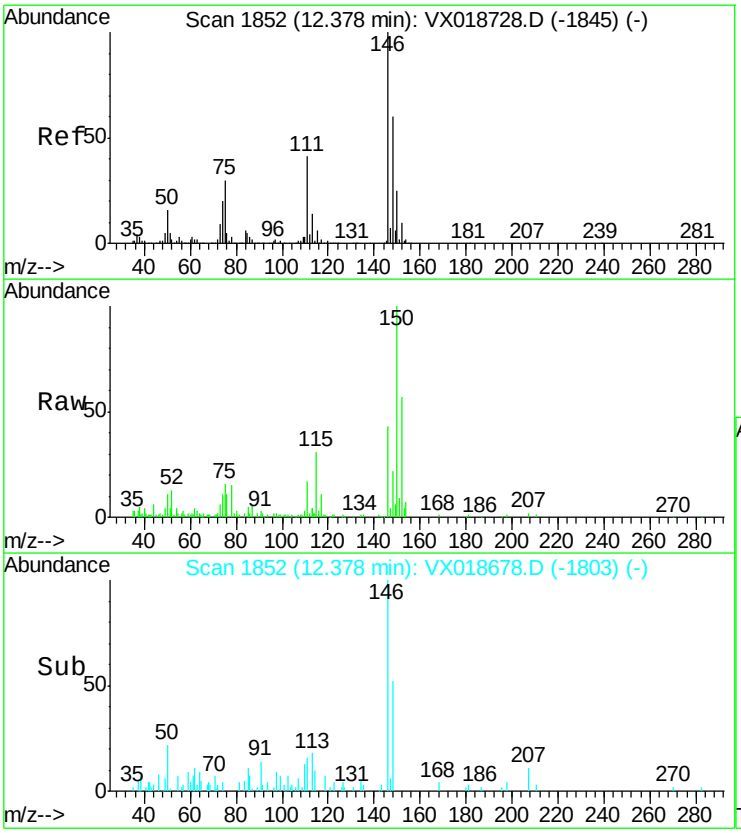
#64
1,4-Dichlorobenzene
Concen: 0.212 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX018678.D
Acq: 30 Sep 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
BG482DL

Tgt Ion:146 Resp: 4671

Ion	Ratio	Lower	Upper
146	100		
111	37.0	28.8	53.4
148	61.5	44.9	83.3





#66
1,2-Dichlorobenzene
Concen: 0.339 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018678.D
Acq: 30 Sep 2020 00:19

Tgt Ion:146 Resp: 6880

Ion	Ratio	Lower	Upper
146	100		
111	38.4	33.6	50.4
148	51.3	53.4	80.2#