Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016296.D
Acq On : 28 May 2020 23:53
Operator : SY/MD
Sample : L2766-04DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE4Y7DL

Quant Time: May 29 05:16:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88088	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	84956	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39297	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20291	3.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.80%			
7) Chloroethane-d5	1.58	69	20260	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.13	63	32106	3.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.40%			
20) 2-Butanone-d5	3.94	46	70286	50.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.16%			
24) Chloroform-d	4.38	84	48168	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	5.06	65	27482	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.08	84	94689	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.10	67	30841	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.34	98	82848	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
45) trans-1,3-Dichloropropene-	7.65	79	9054	3.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.60%			
48) 2-Hexanone-d5	8.12	63	48584	43.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.30%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21353	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	30560	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
33) Benzene	5.13	78	180045	7.365	ug/L	100
53) Chlorobenzene	8.91	112	18391	1.116	ug/L	98
54) Ethylbenzene	9.04	91	5310	0.179	ug/L	97
55) m,p-xylene	9.16	106	42607	3.823	ug/L	98
56) o-xylene	9.57	106	17571	1.655	ug/L	96
58) Isopropylbenzene	9.96	105	3366	0.116	ug/L	94

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

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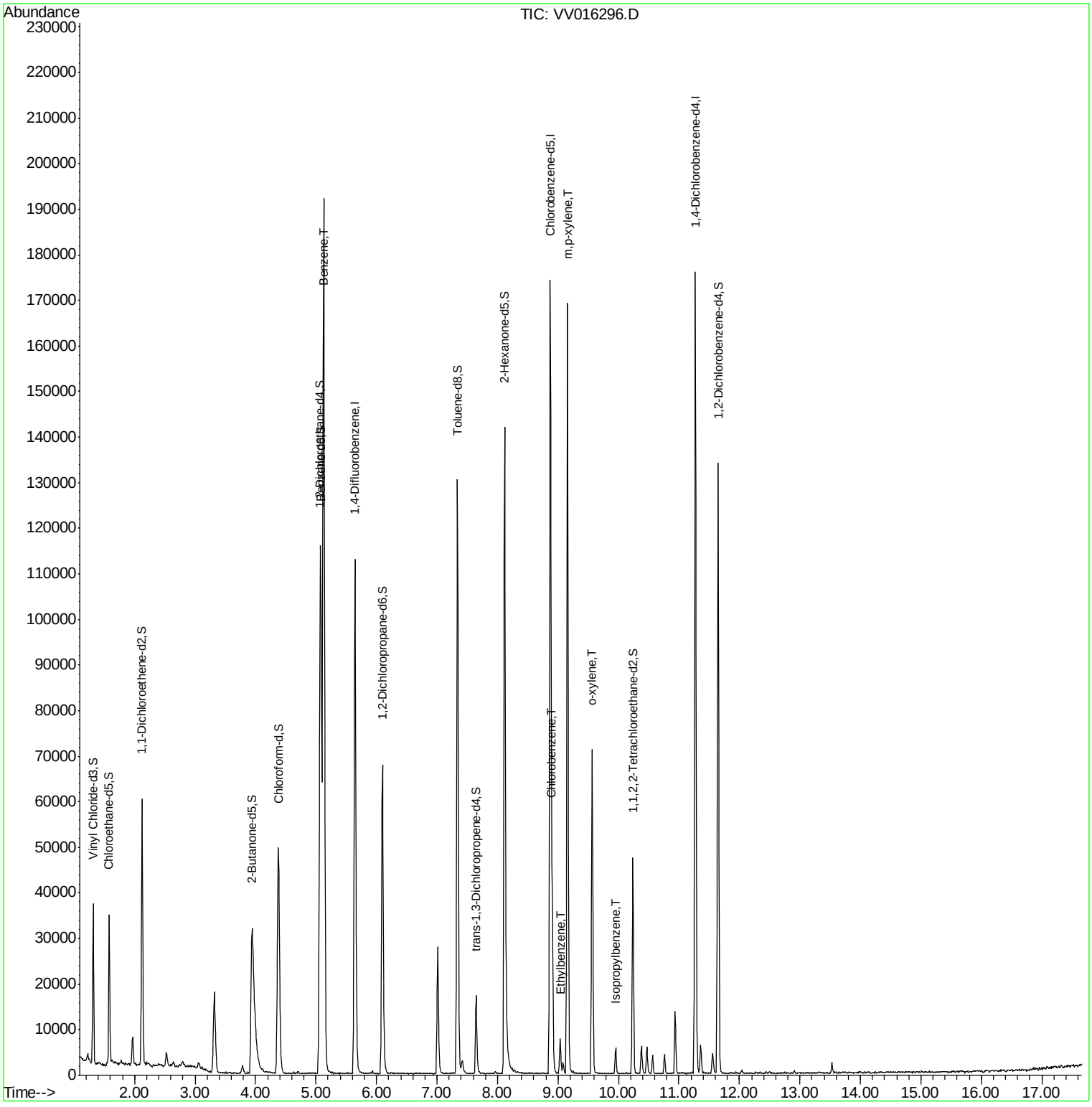
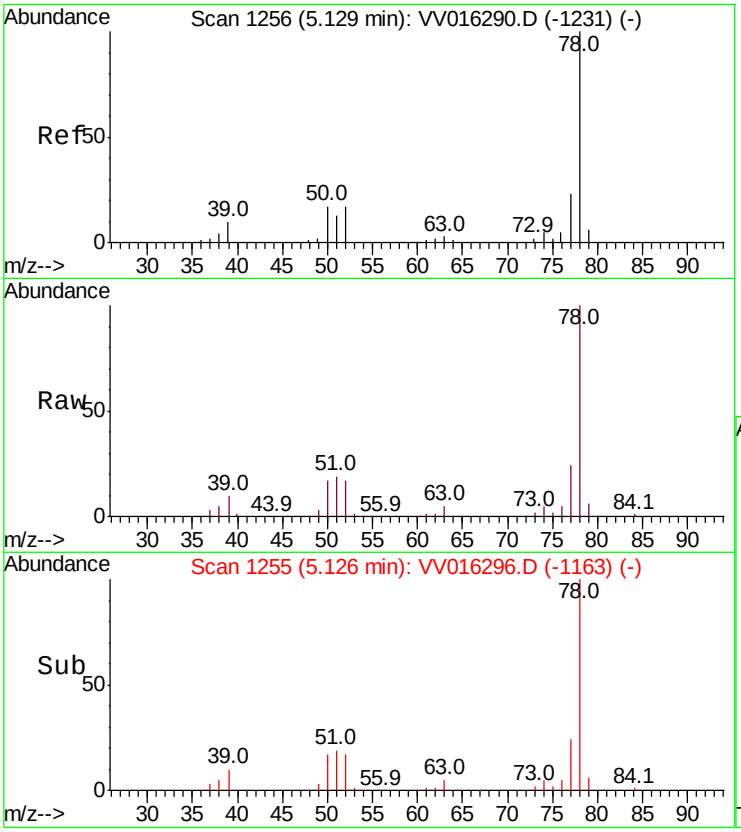
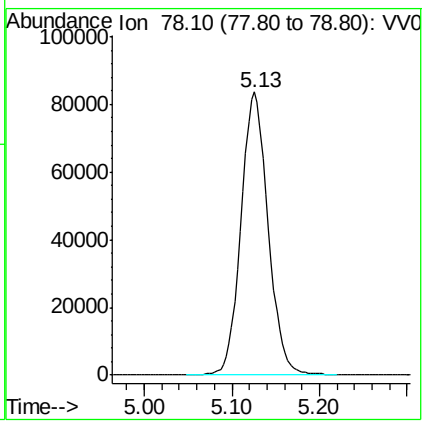


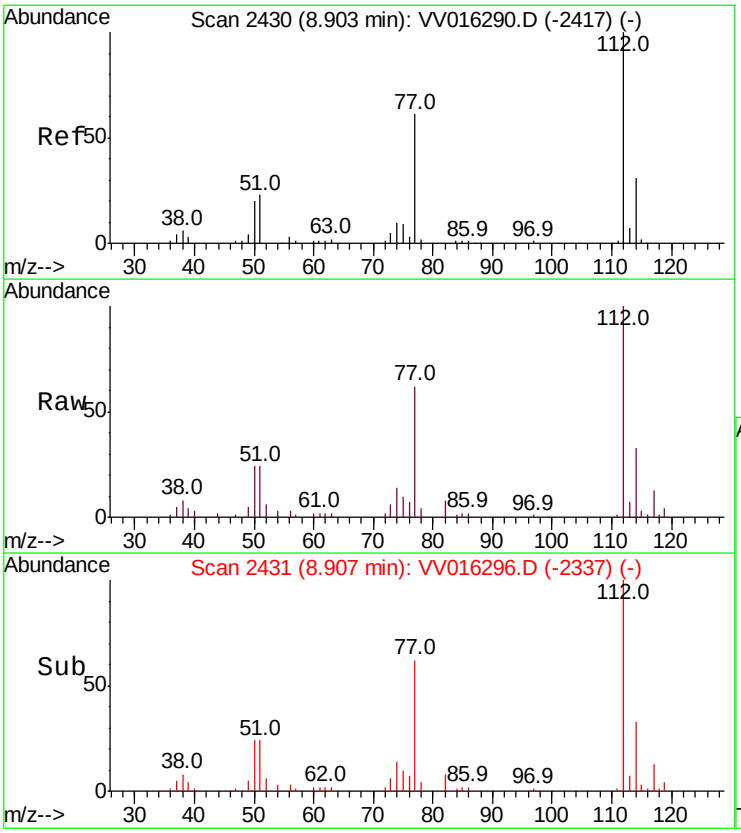


#33
Benzene
Concen: 7.365 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV016296.D
Acq: 28 May 2020 23:53

Instrument :
MSVOA_V
ClientSampleId :
BE4Y7DL

Tgt Ion: 78 Resp: 180045

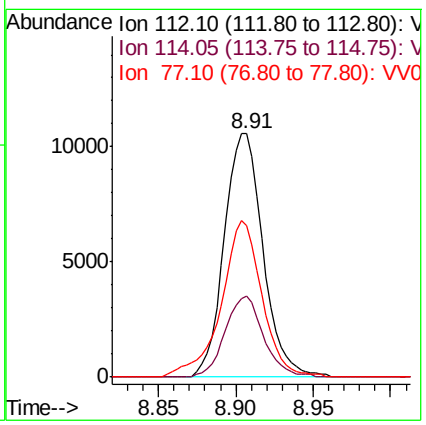


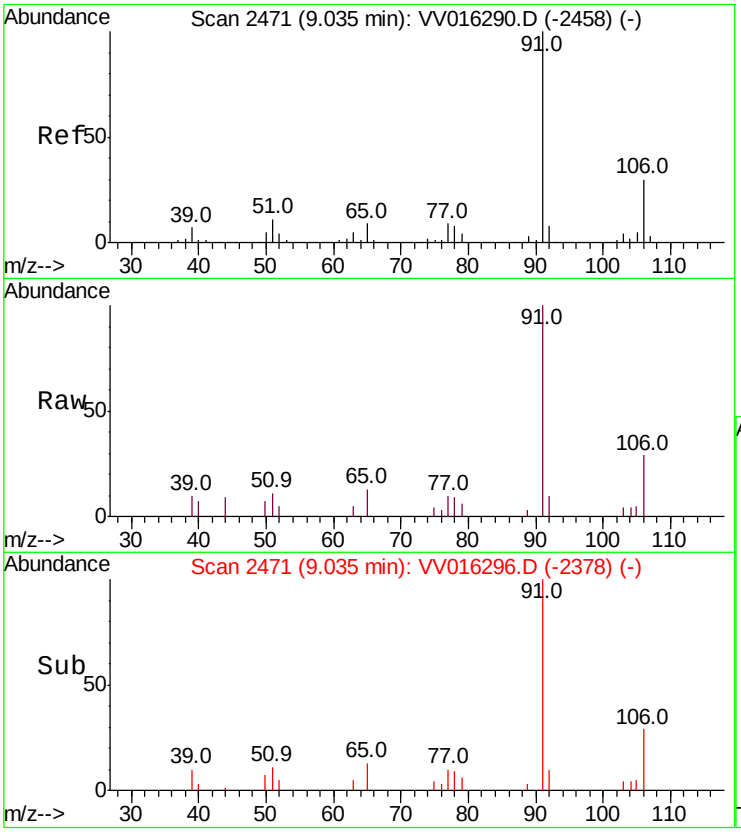


#53
Chlorobenzene
Concen: 1.116 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV016296.D
Acq: 28 May 2020 23:53

Tgt Ion:112 Resp: 18391

Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.3	41.3
77	62.3	50.7	76.1



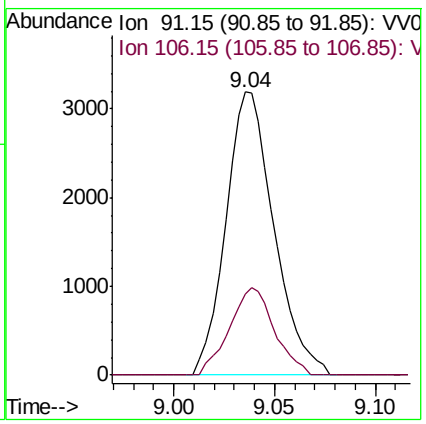


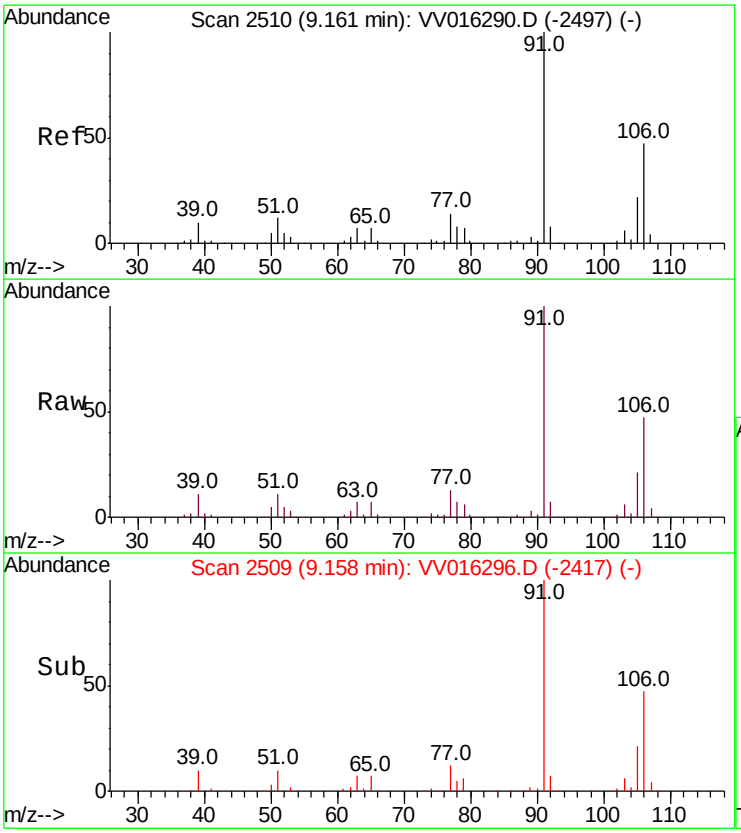
#54
Ethylbenzene
Concen: 0.179 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016296.D
Acq: 28 May 2020 23:53

Instrument : MSVOA_V
ClientSampleId : BE4Y7DL

Tgt Ion: 91 Resp: 5310

Ion	Ratio	Lower	Upper
91	100		
106	28.6	21.0	39.0

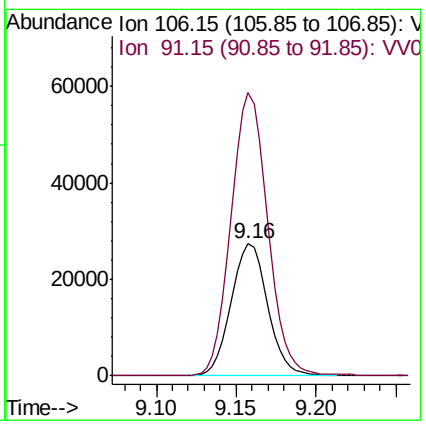


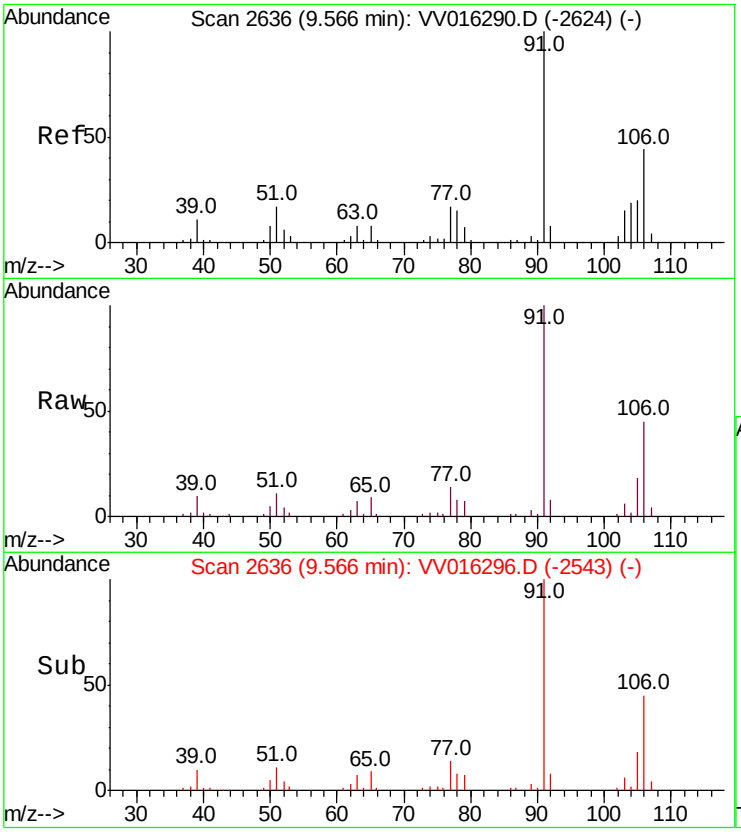


#55
m,p-xylene
Concen: 3.823 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016296.D
Acq: 28 May 2020 23:53

Tgt Ion:106 Resp: 42607

Ion	Ratio	Lower	Upper
106	100		
91	214.8	148.1	275.0



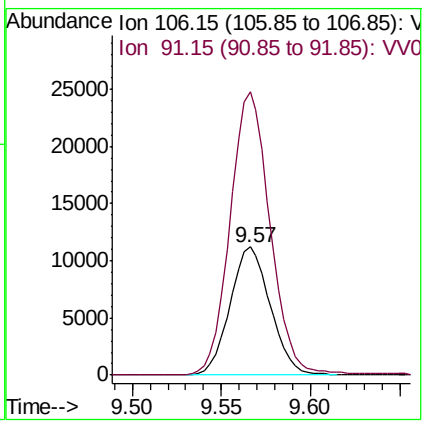


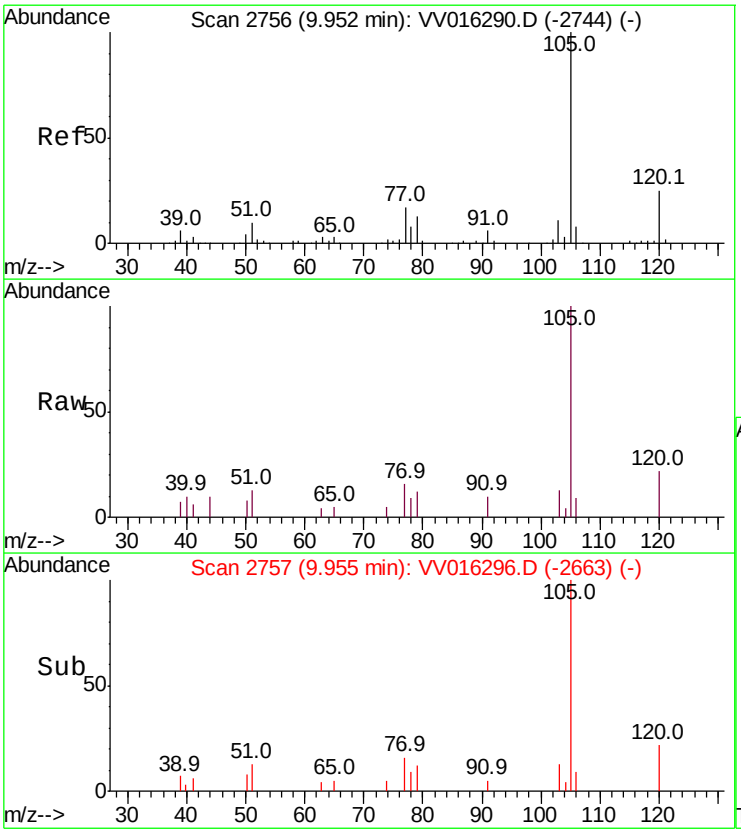
#56
o-xylene
Concen: 1.655 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016296.D
Acq: 28 May 2020 23:53

Instrument :
MSVOA_V
ClientSampleId :
BE4Y7DL

Tgt Ion:106 Resp: 17571

Ion	Ratio	Lower	Upper
106	100		
91	220.9	158.8	294.8





#58
Isopropylbenzene
Concen: 0.116 ug/L
RT: 9.96 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016296.D
Acq: 28 May 2020 23:53

Tgt Ion:105 Resp: 3366

Ion	Ratio	Lower	Upper
105	100		
120	21.7	20.9	31.3
77	16.8	13.9	20.9