Quantitation Report (QT/LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050718\
Data File : VV005829.D
Acq On : 07 May 2018 20:44
Operator : SY/MD
Sample : J2636-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F1C23

Quant Time: May 08 01:52:25 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 08 01:22:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	238950	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105478	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87117	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.59	69	77160	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.13	63	141446	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	3.96	46	162767	45.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.24%			
24) Chloroform-d	4.41	84	166927	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.10	65	96732	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.11	84	314262	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.13	67	96450	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.37	98	278695	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	7.67	79	33709	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.14	63	113669	36.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.42%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61981	4.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	113374	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
13) Acetone	2.20	43	4084	1.35	ug/L	99
33) Benzene	5.15	78	15591	0.22	ug/L	100
42) Toluene	7.44	91	23365	0.30	ug/L	99
52) Ethylbenzene	9.06	91	26621	0.32	ug/L	97
53) m,p-xylene	9.19	106	16046	0.53	ug/L	96
54) o-xylene	9.59	106	8019	0.27	ug/L	88

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

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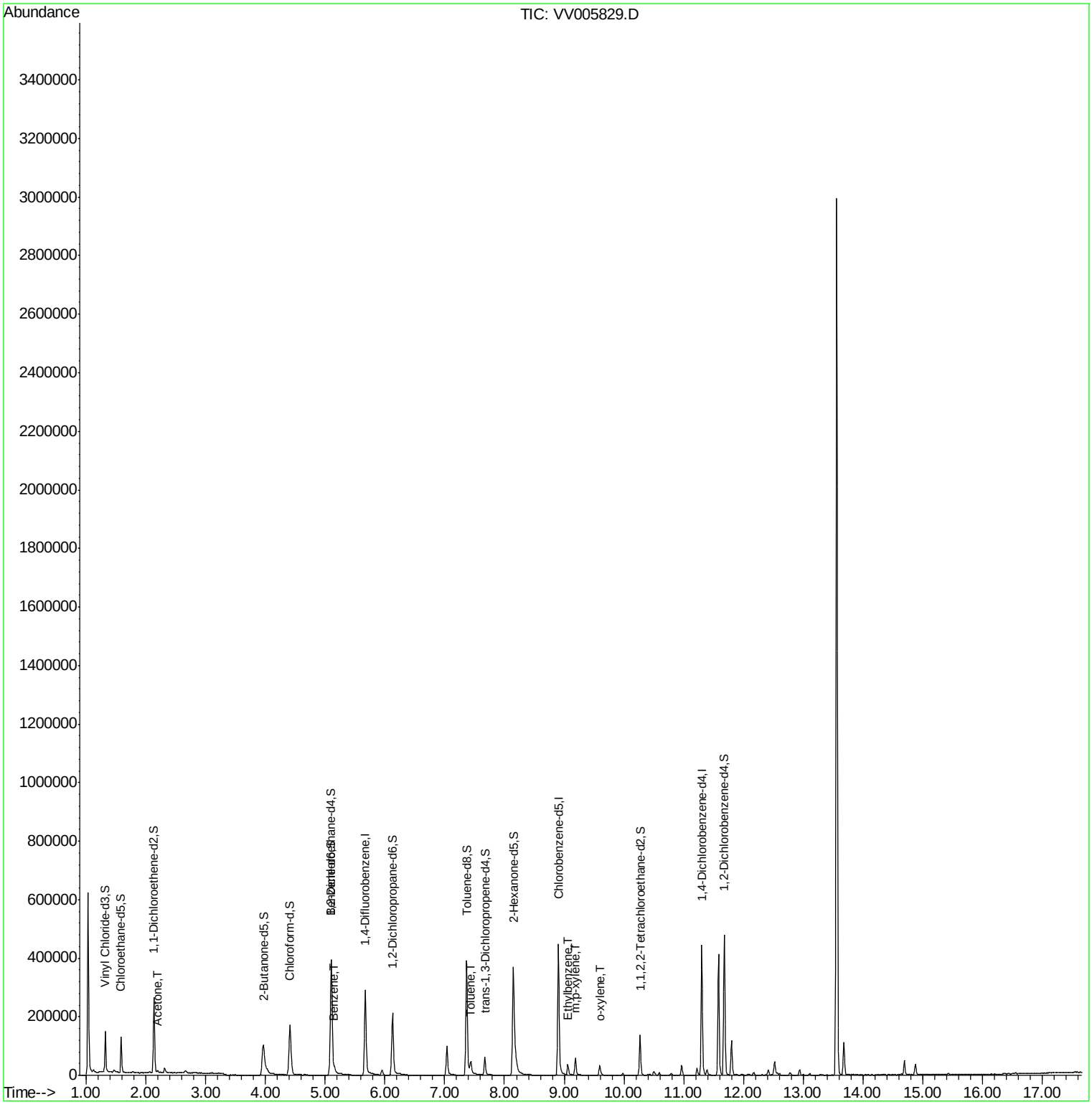
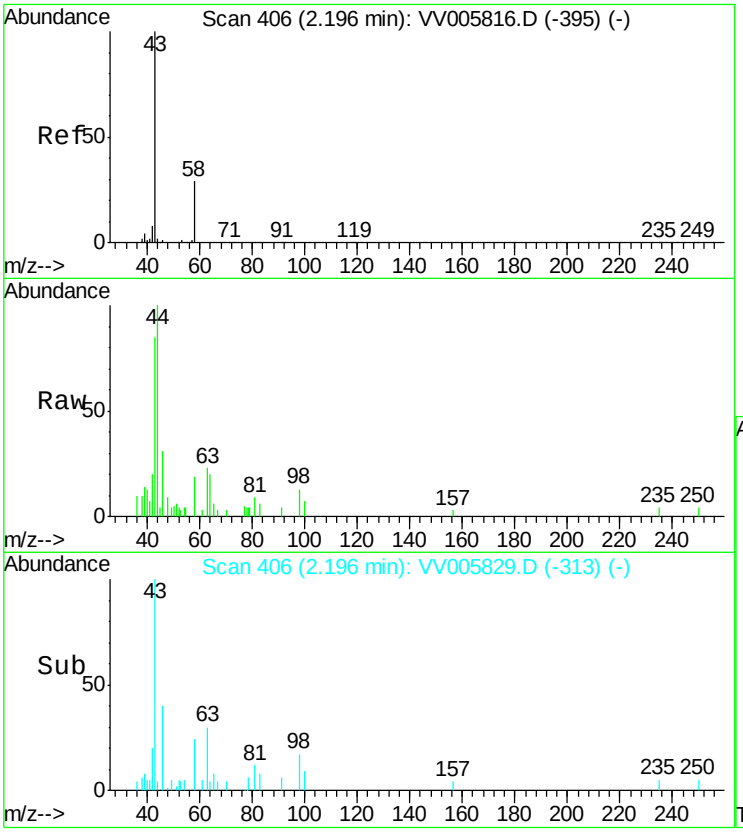


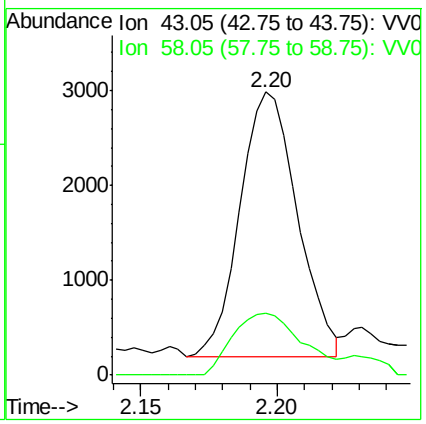


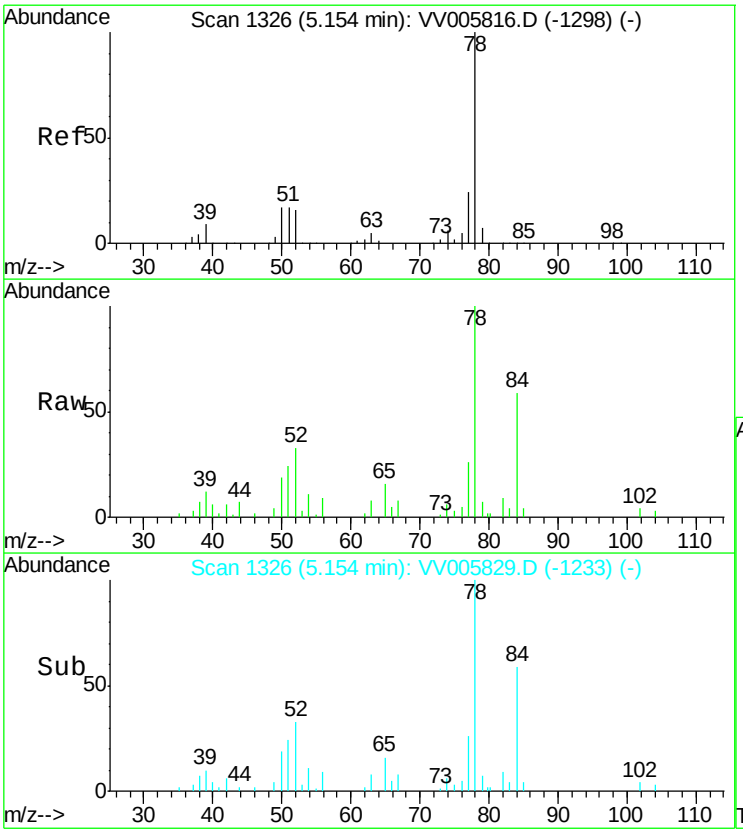
#13
Acetone
Concen: 1.35 ug/L
RT: 2.20 min Scan# 406
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Instrument :
MSVOA_V
ClientSampleId :
F1C23

Tgt Ion: 43 Resp: 4084

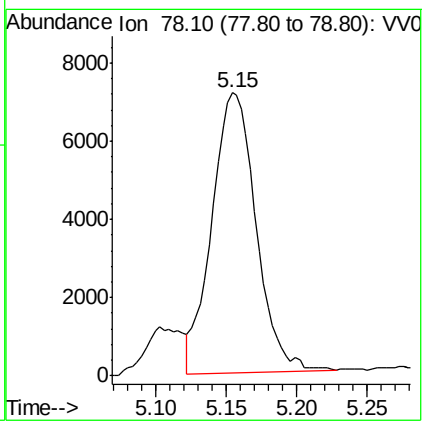
Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	57.8

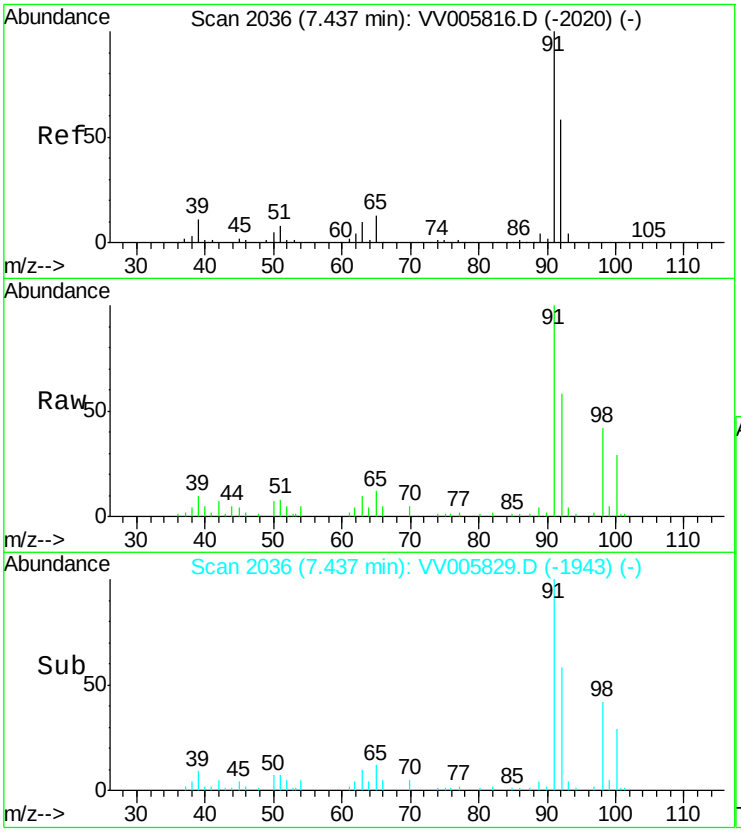




#33
Benzene
Concen: 0.22 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Tgt Ion: 78 Resp: 15591



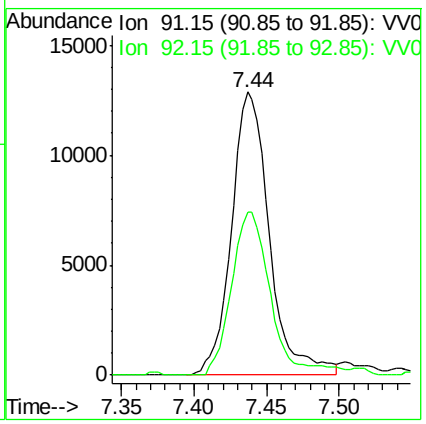


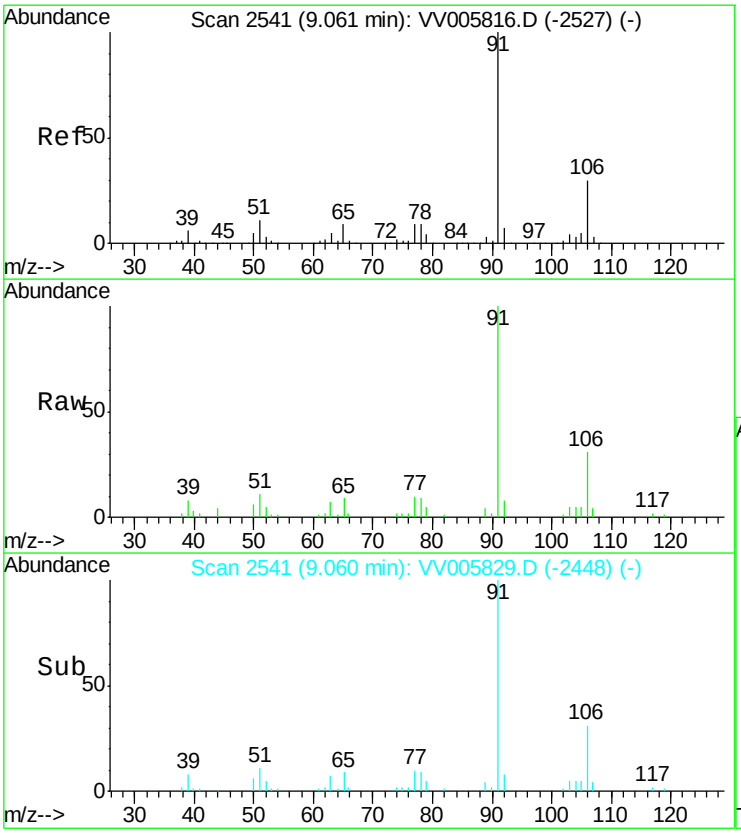
#42
Toluene
Concen: 0.30 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Instrument :
MSVOA_V
ClientSampleId :
F1C23

Tgt Ion: 91 Resp: 23365

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.0	74.4

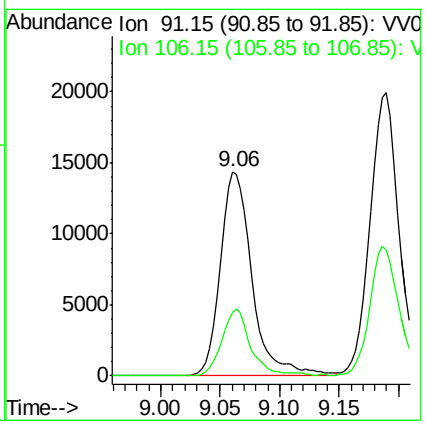


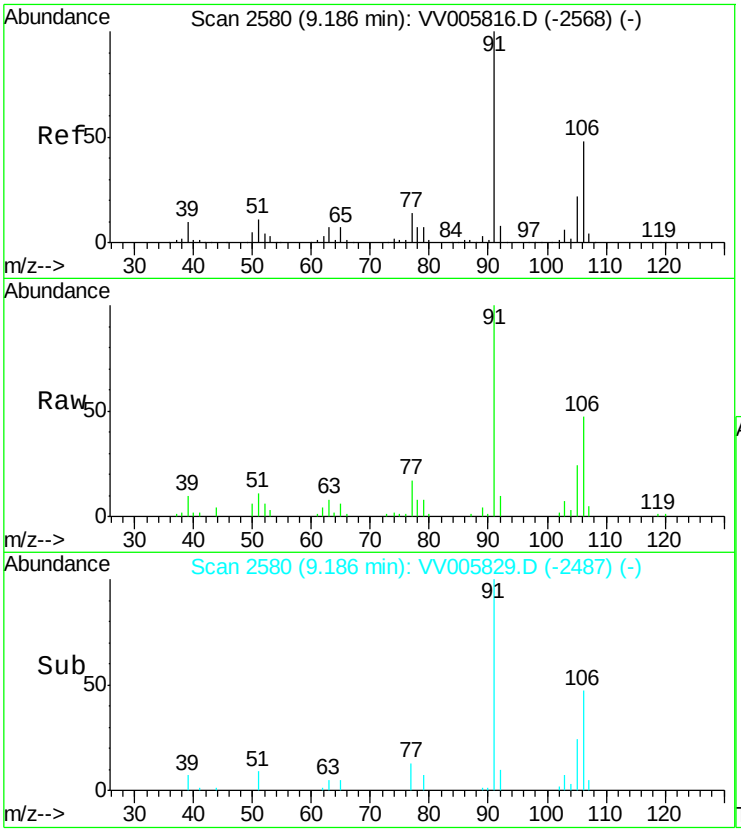


#52
Ethylbenzene
Concen: 0.32 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Tgt Ion: 91 Resp: 26621

Ion	Ratio	Lower	Upper
91	100		
106	30.9	20.4	38.0



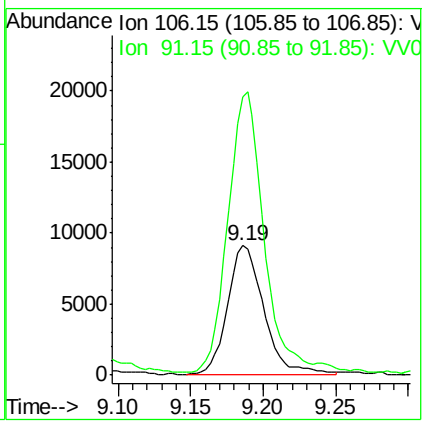


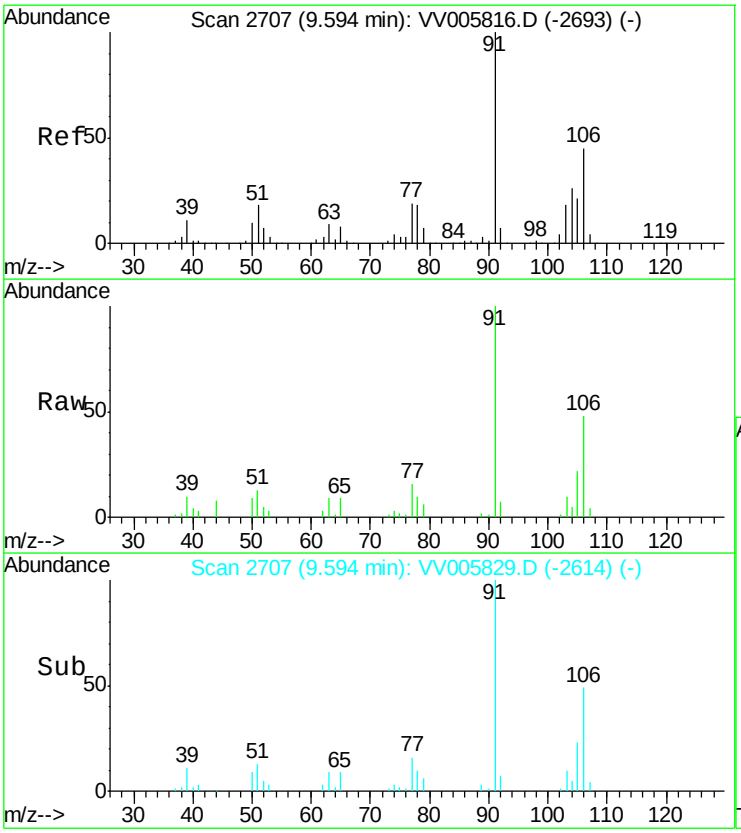
#53
m,p-xylene
Concen: 0.53 ug/L
RT: 9.19 min Scan# 2580
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Instrument :
MSVOA_V
ClientSampleId :
F1C23

Tgt Ion:106 Resp: 16046

Ion	Ratio	Lower	Upper
106	100		
91	214.7	146.1	271.3





#54
o-xylene
Concen: 0.27 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. -0.00 min
Lab File: VV005829.D
Acq: 07 May 2018 20:44

Tgt Ion:106 Resp: 8019

Ion	Ratio	Lower	Upper
106	100		
91	206.3	157.8	293.0