Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021819\
Data File : VU029530.D
Acq On : 18 Feb 2019 15:21
Operator : JC/SP
Sample : K1489-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXG8

Quant Time: Feb 19 01:27:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	197144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107702	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	56695	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.68	69	53807	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.27	63	95076	3.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.80%			
20) 2-Butanone-d5	4.19	46	150095	52.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.24%			
24) Chloroform-d	4.65	84	94185	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
26) 1,2-Dichloroethane-d4	5.31	65	58912	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.34	84	228319	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.33	67	69592	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.56	98	220434	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	7.85	79	27663	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.31	63	155192	53.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60695	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96085	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
13) Acetone	2.32	43	12993	5.014	ug/L	91
25) Chloroform	4.67	83	14547	0.539	ug/L	95
27) 1,2-Dichloroethane	5.41	62	12245	0.783	ug/L	95
52) Ethylbenzene	9.25	91	9654	0.131	ug/L	98
53) m,p-xylene	9.37	106	17452	0.593	ug/L	90
54) o-xylene	9.78	106	9221	0.319	ug/L	94

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

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Quant Title : TRACE VOA SOM01.0
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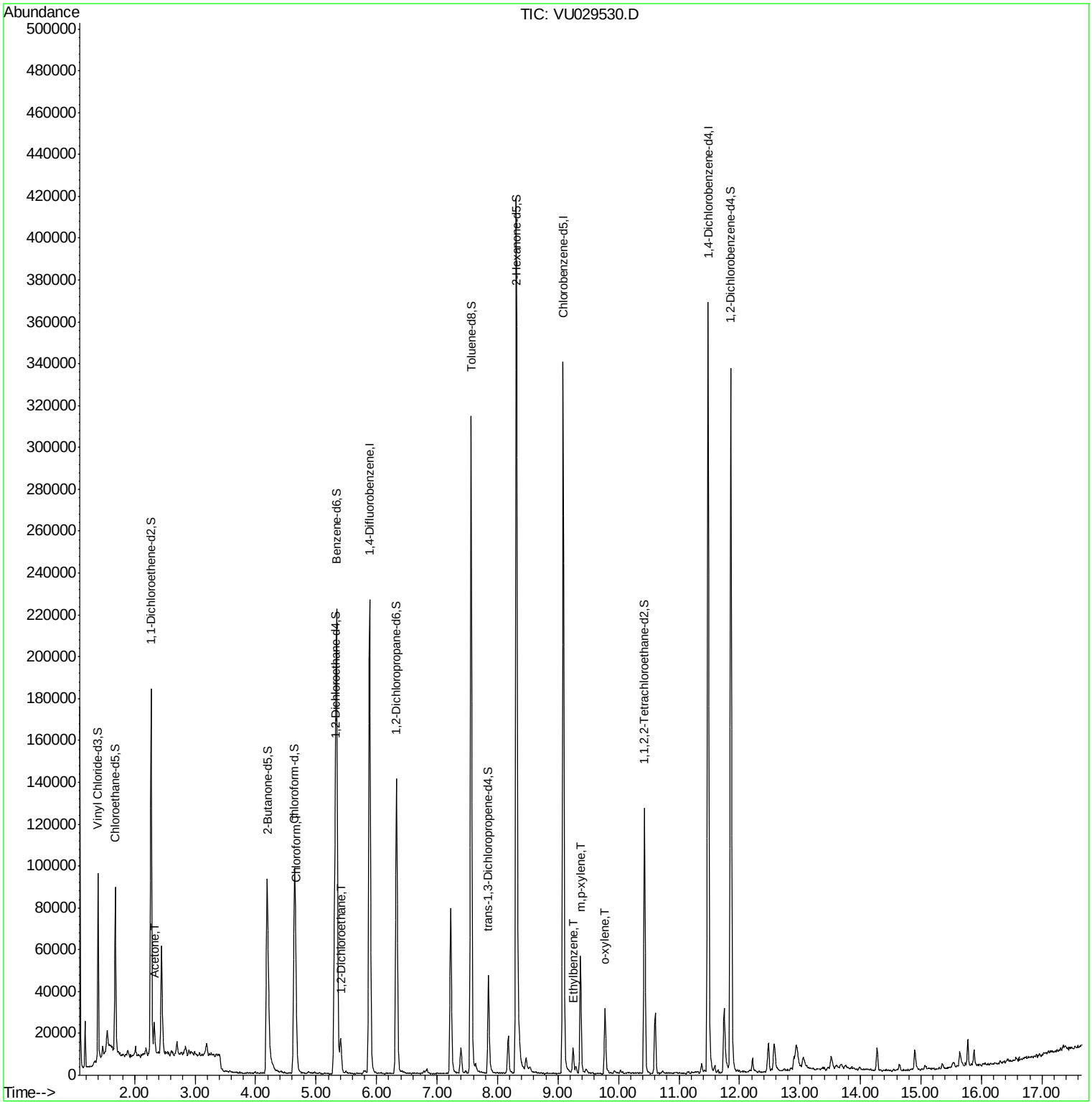
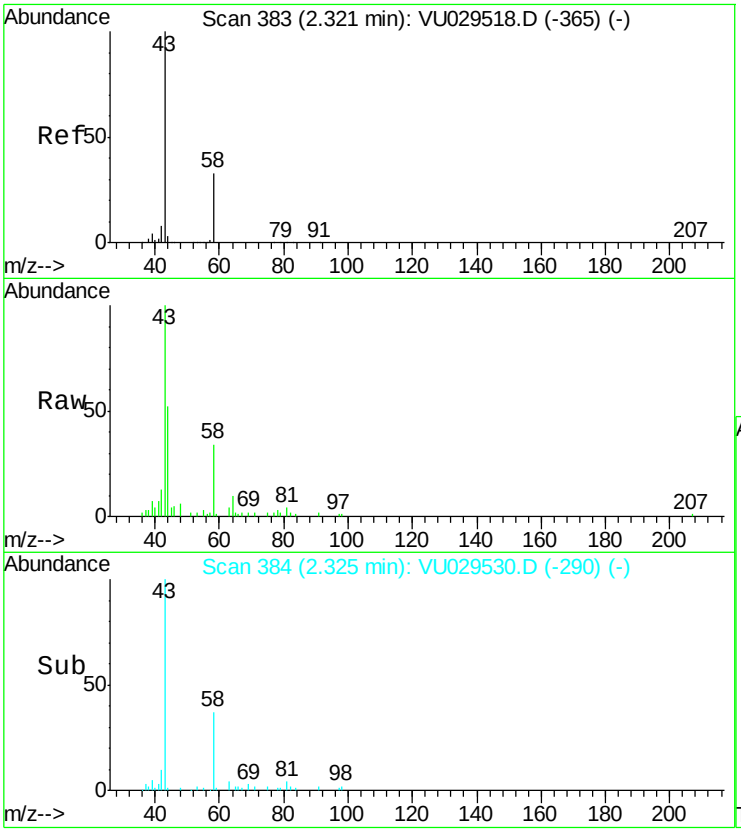


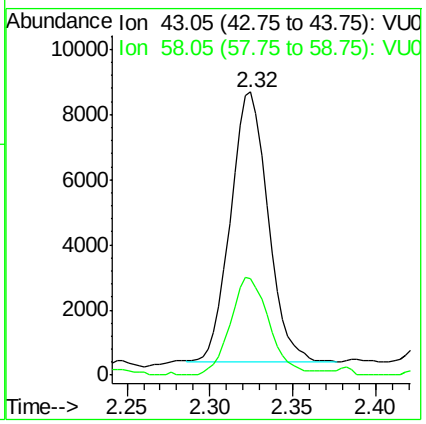


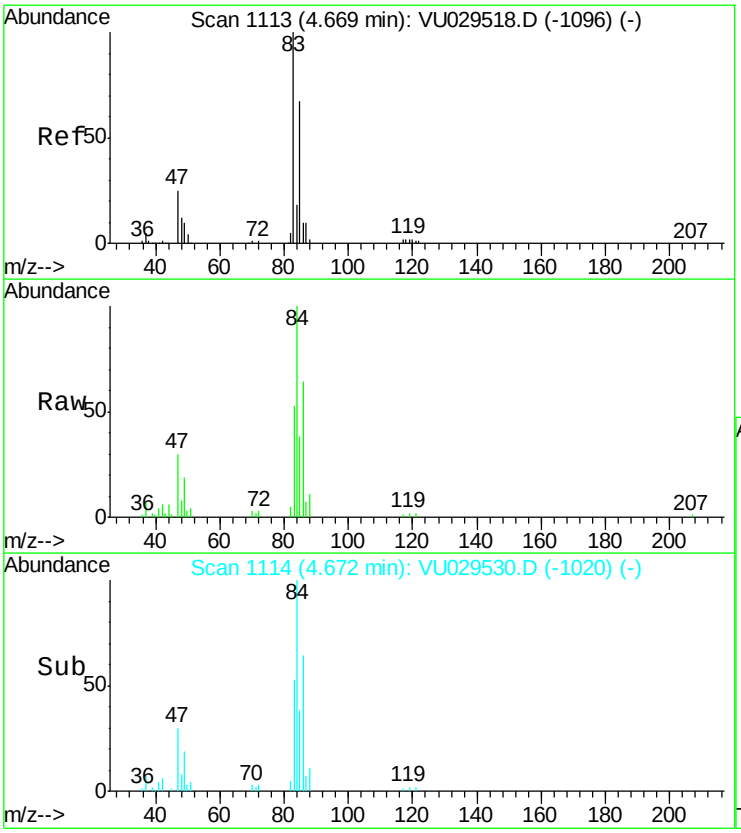
#13
Acetone
Concen: 5.014 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
ESXG8

Tgt Ion: 43 Resp: 12993

Ion	Ratio	Lower	Upper
43	100		
58	37.7	0.0	65.0

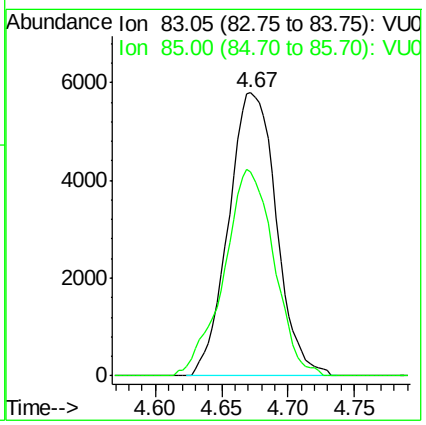


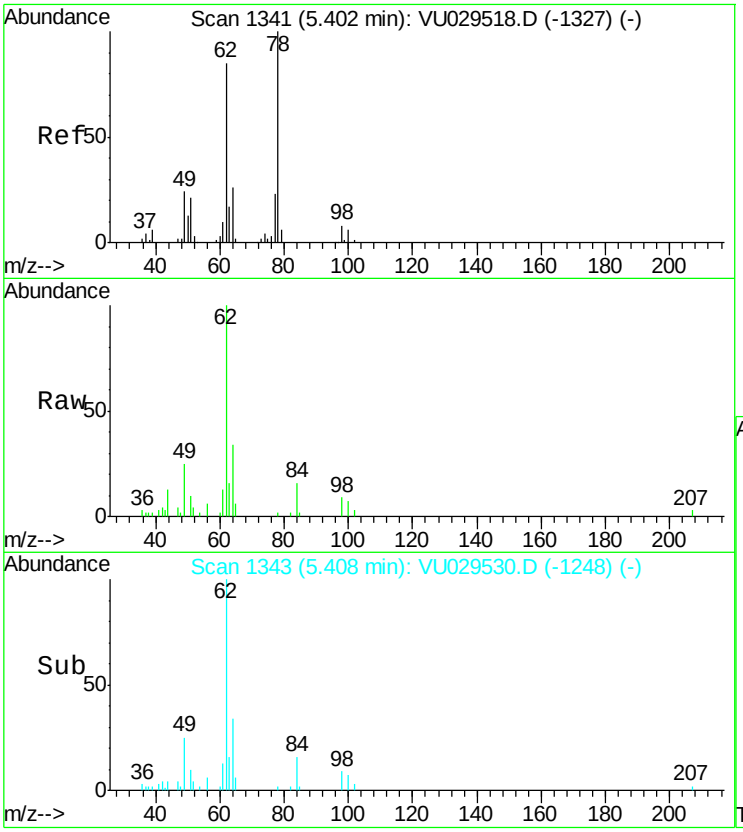


#25
Chloroform
Concen: 0.539 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Tgt Ion: 83 Resp: 14547

Ion	Ratio	Lower	Upper
83	100		
85	72.0	47.8	88.8



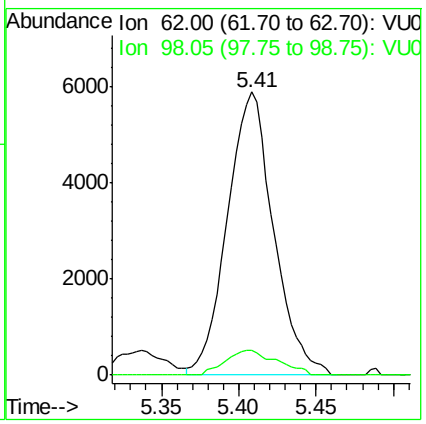


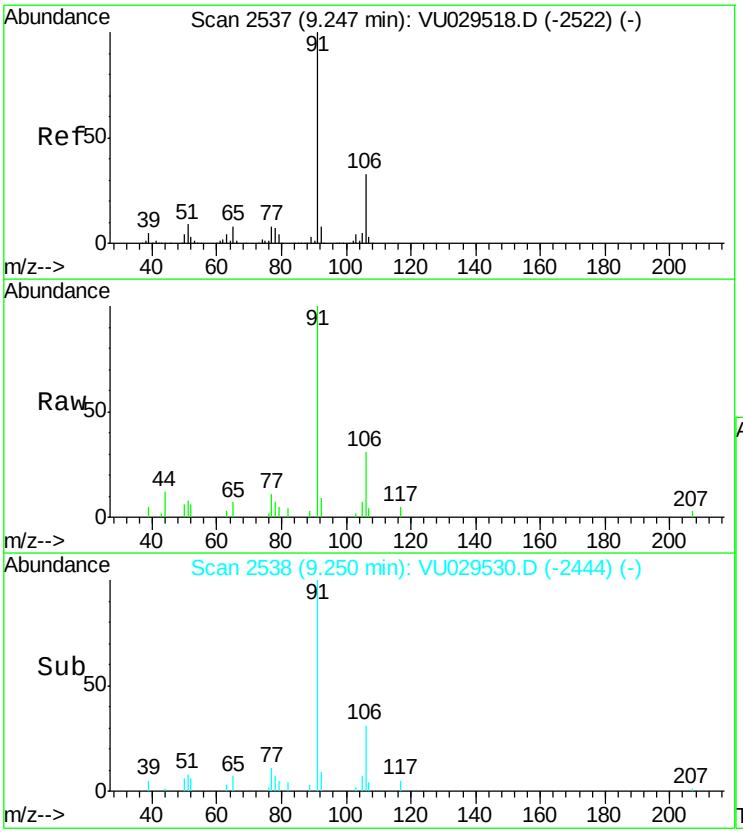
#27
1,2-Dichloroethane
Concen: 0.783 ug/L
RT: 5.41 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
ESXG8

Tgt Ion: 62 Resp: 12245

Ion	Ratio	Lower	Upper
62	100		
98	8.6	8.4	12.6

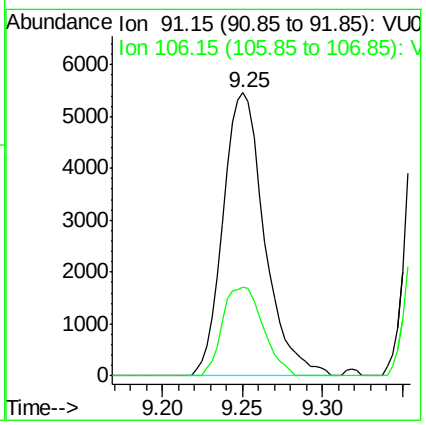


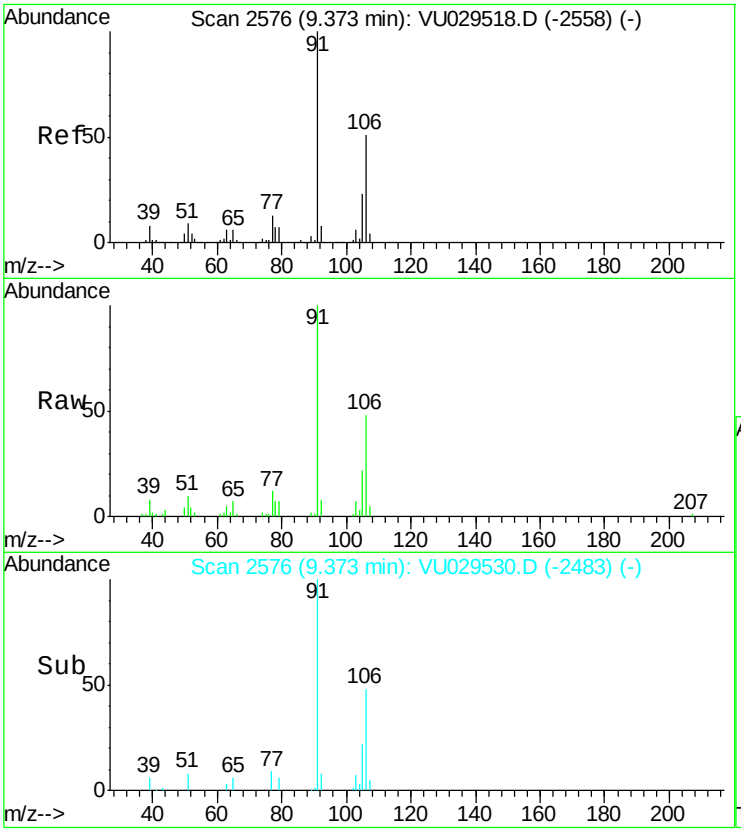


#52
Ethylbenzene
Concen: 0.131 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Tgt Ion: 91 Resp: 9654

Ion	Ratio	Lower	Upper
91	100		
106	31.5	22.8	42.4



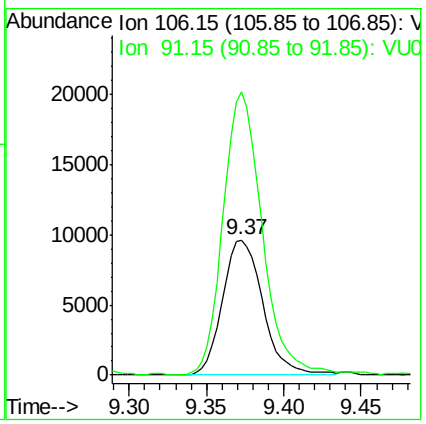


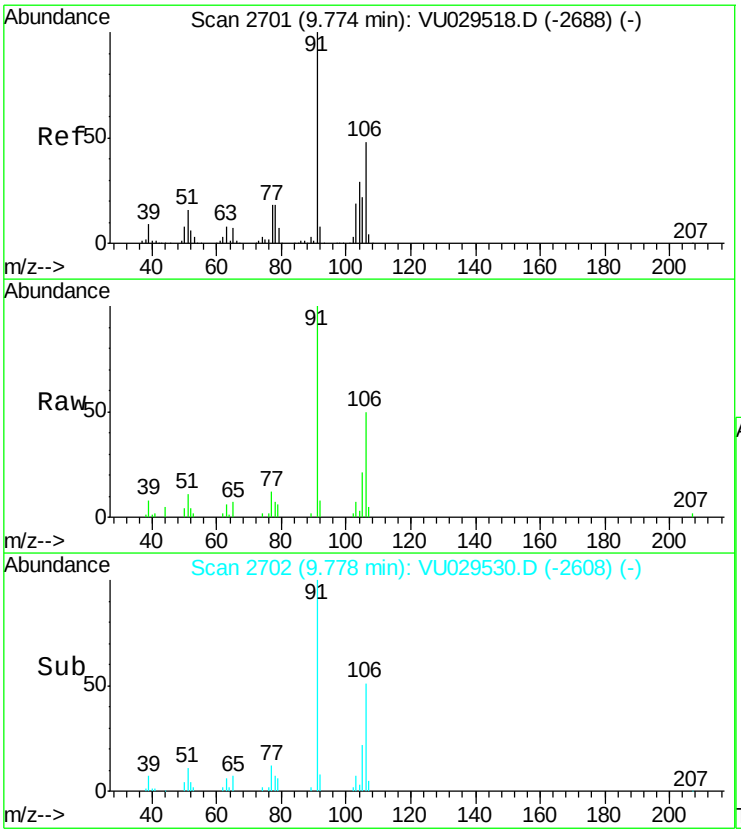
#53
m,p-xylene
Concen: 0.593 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Instrument :
MSVOA_U
ClientSampleId :
ESXG8

Tgt Ion:106 Resp: 17452

Ion	Ratio	Lower	Upper
106	100		
91	209.3	135.7	251.9





#54
o-xylene
Concen: 0.319 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029530.D
Acq: 18 Feb 2019 15:21

Tgt Ion:106 Resp: 9221

Ion	Ratio	Lower	Upper
106	100		
91	198.8	145.1	269.5