Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\
Data File : VU029431.D
Acq On : 12 Feb 2019 19:42
Operator : JC/SP
Sample : K1436-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXB2

Quant Time: Feb 13 04:31:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	202607	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	191584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103834	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63821	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.68	69	59947	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.27	63	106291	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	4.21	46	138286	48.86	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.72%			
24) Chloroform-d	4.65	84	85455	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.00%			
26) 1,2-Dichloroethane-d4	5.31	65	54503	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.34	84	230102	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.33	67	66068	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.56	98	216319	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	7.85	79	25016	4.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.20%			
46) 2-Hexanone-d5	8.31	63	147356	52.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56786	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96284	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
13) Acetone	2.35	43	47920	18.637	ug/L	97
21) 2-Butanone	4.31	43	7292	2.295	ug/L	77
25) Chloroform	4.67	83	20295	0.757	ug/L	94
33) Benzene	5.39	78	55788	0.989	ug/L	100
42) Toluene	7.64	91	55071	0.870	ug/L	99
52) Ethylbenzene	9.25	91	4219	0.059	ug/L	89
53) m,p-xylene	9.38	106	4937	0.173	ug/L	98
54) o-xylene	9.78	106	3039	0.108	ug/L	87

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

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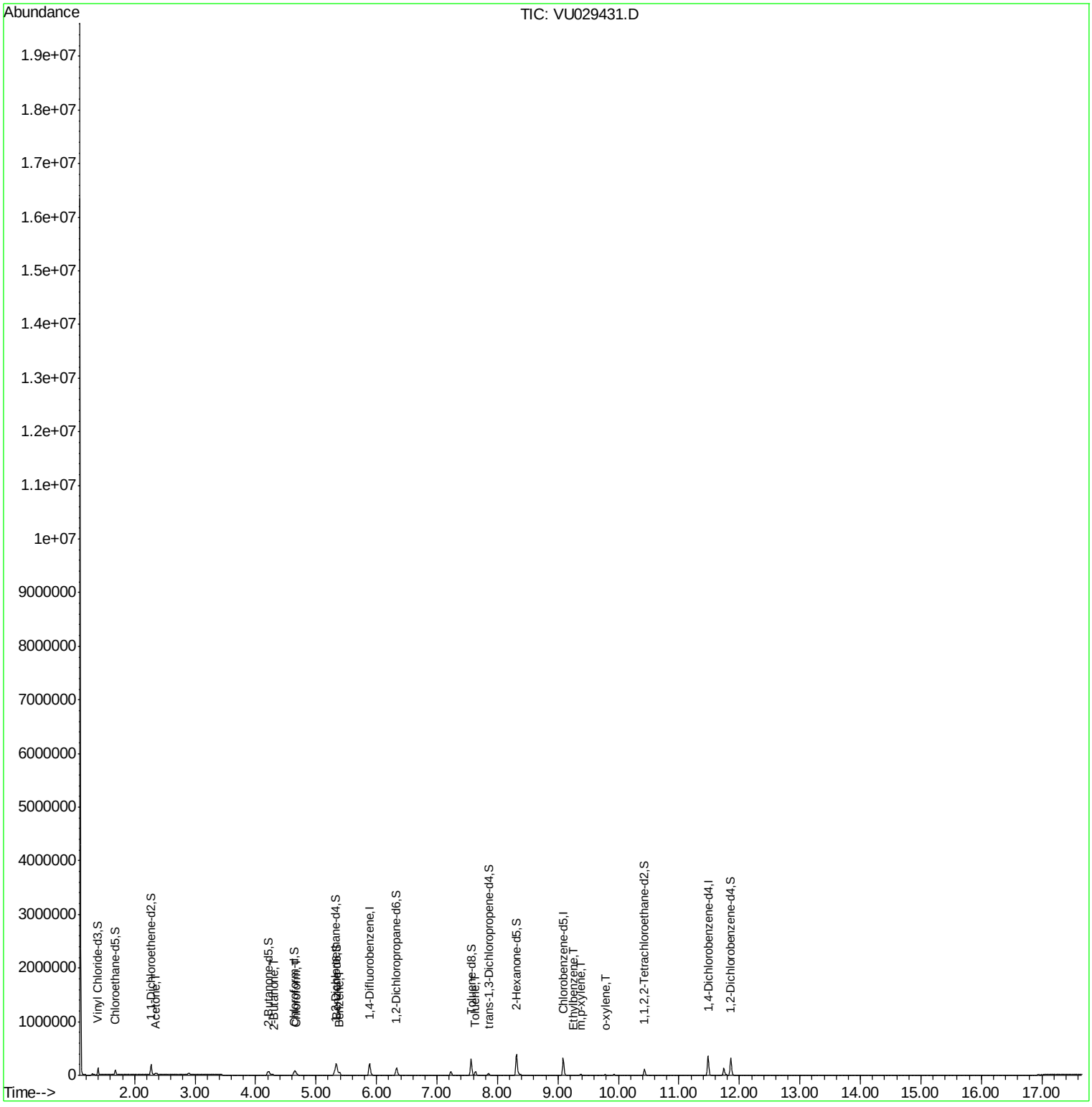
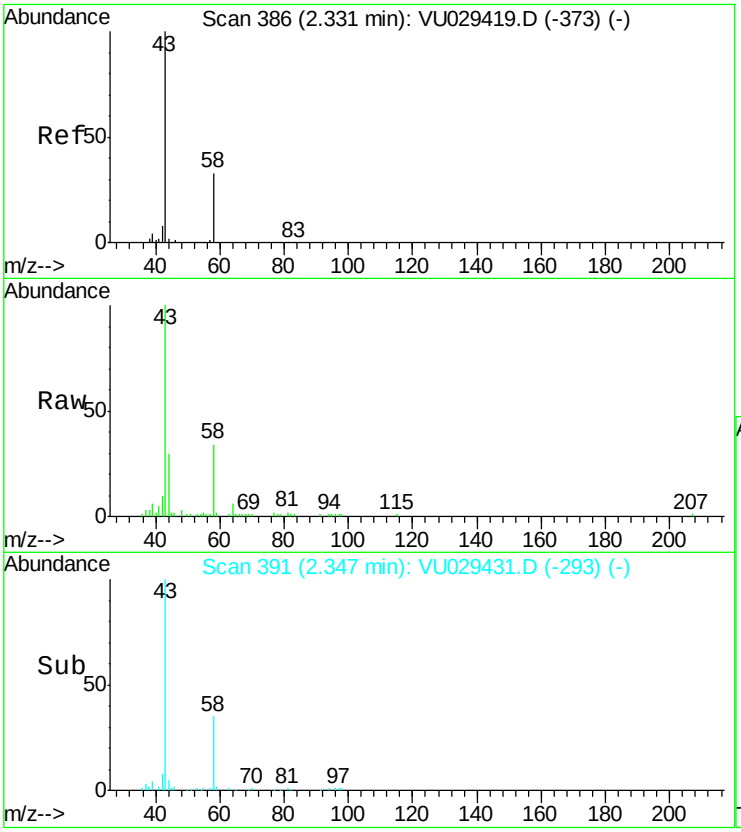


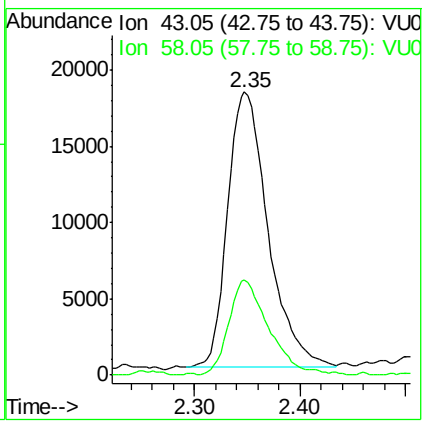


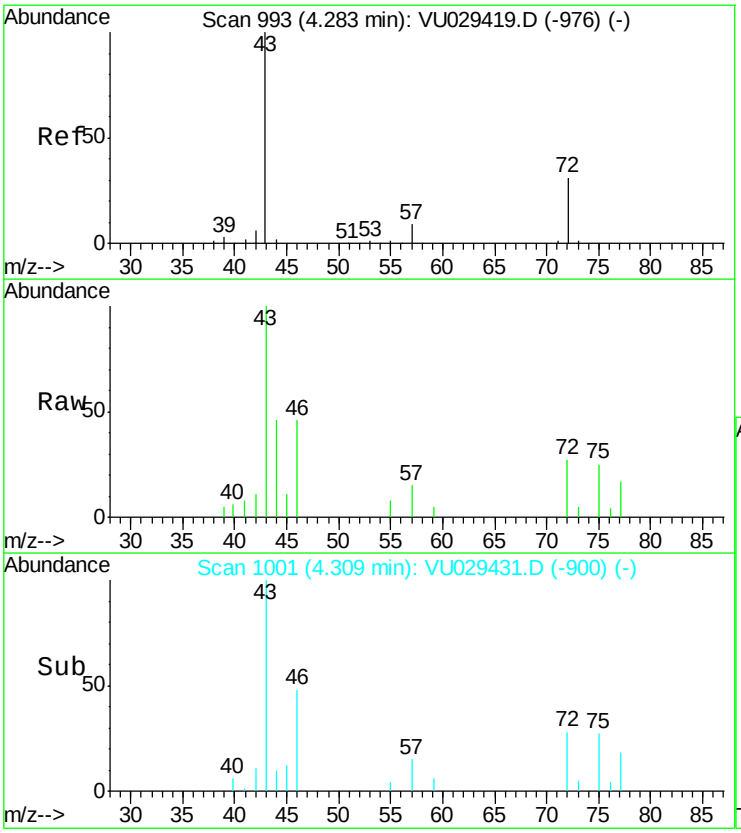
#13
Acetone
Concen: 18.637 ug/L
RT: 2.35 min Scan# 391
Delta R.T. 0.02 min
Lab File: VU029431.D
Acq: 12 Feb 2019 19:42

Instrument :
MSVOA_U
ClientSampleId :
ESXB2

Tgt Ion: 43 Resp: 47920

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	65.0

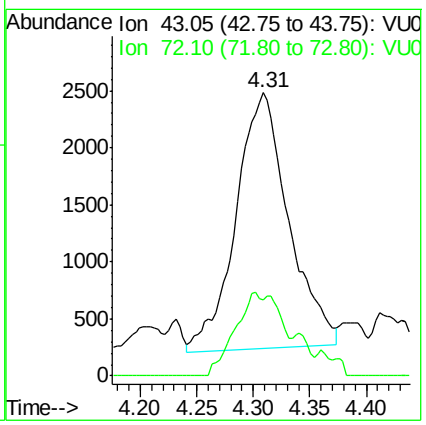


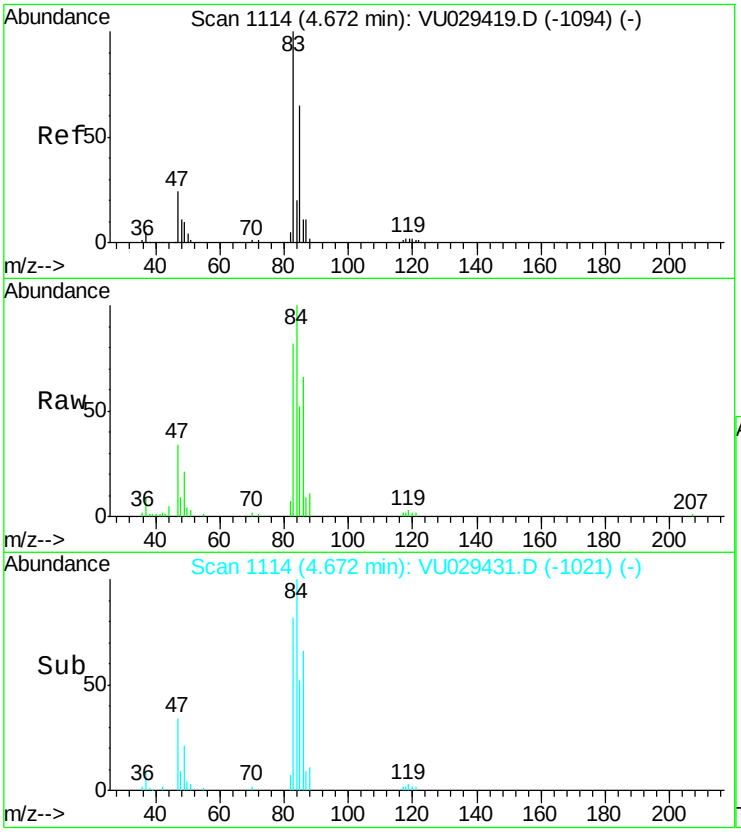


#21
2-Butanone
Concen: 2.295 ug/L
RT: 4.31 min Scan# 1001
Delta R.T. 0.03 min
Lab File: VU029431.D
Acq: 12 Feb 2019 19:42

Tgt Ion: 43 Resp: 7292

Ion	Ratio	Lower	Upper
43	100		
72	17.3	14.7	44.1



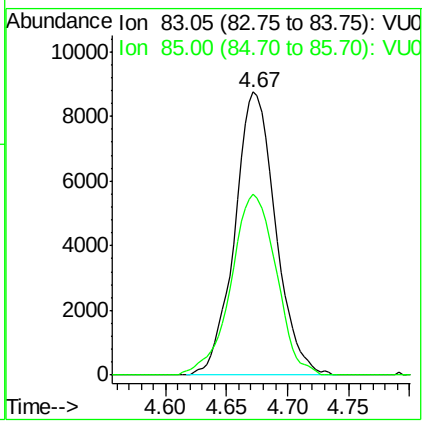


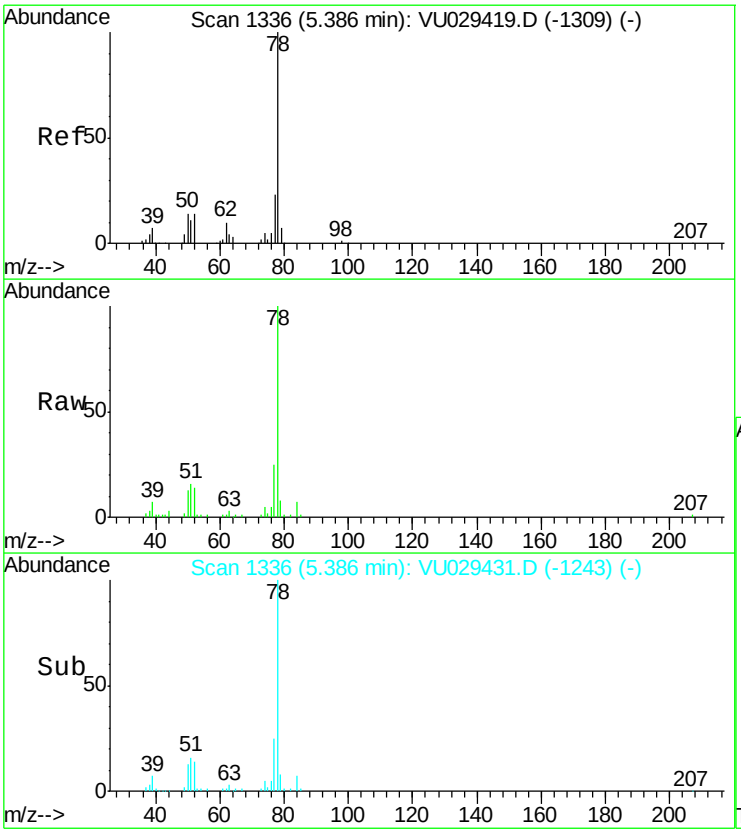
#25
Chloroform
Concen: 0.757 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029431.D
Acq: 12 Feb 2019 19:42

Instrument :
MSVOA_U
ClientSampleId :
ESXB2

Tgt Ion: 83 Resp: 20295

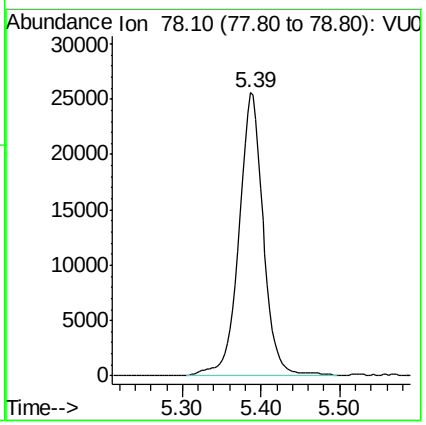
Ion	Ratio	Lower	Upper
83	100		
85	63.8	47.8	88.8

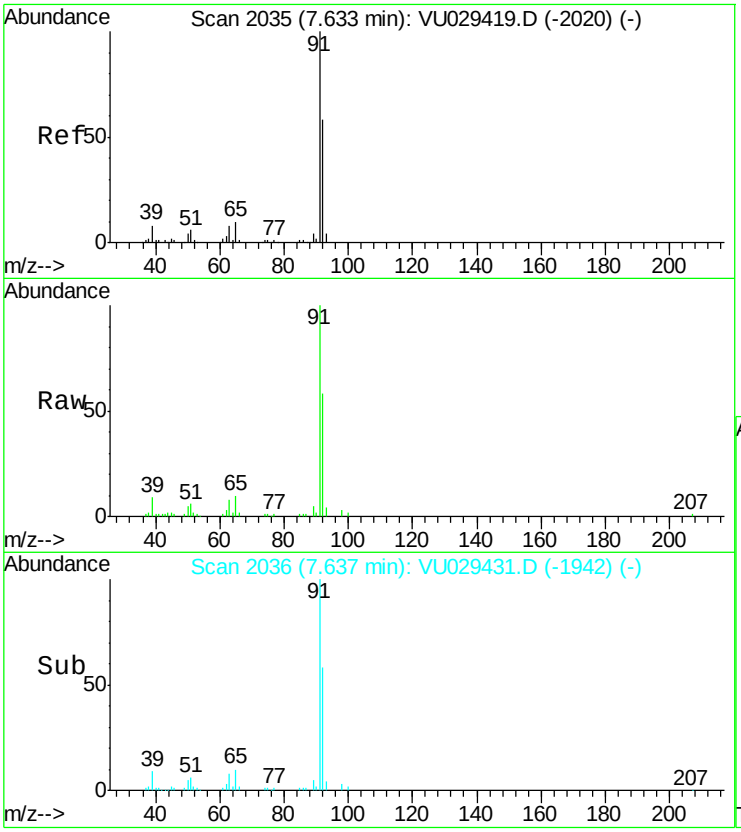




#33
Benzene
Concen: 0.989 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029431.D
Acq: 12 Feb 2019 19:42

Tgt Ion: 78 Resp: 55788



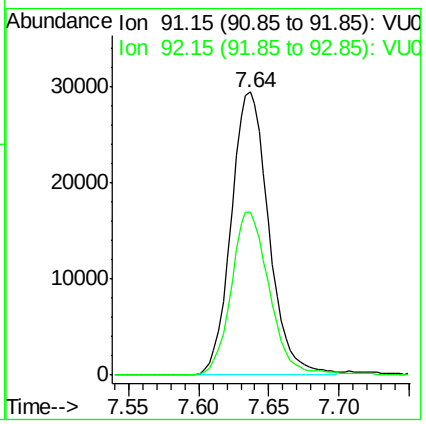


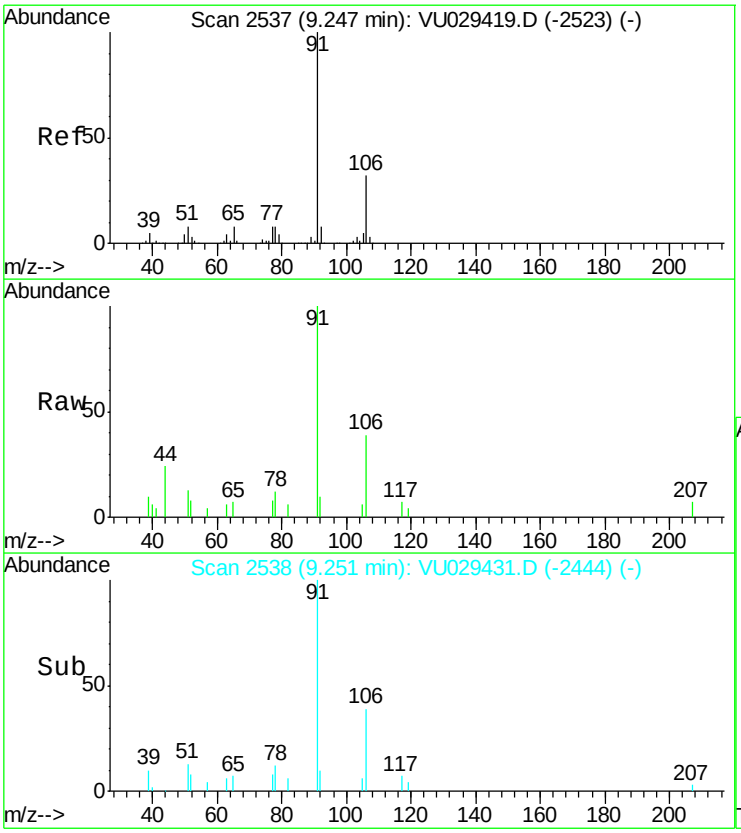
#42
Toluene
Concen: 0.870 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029431.D
Acq: 12 Feb 2019 19:42

Instrument :
MSVOA_U
ClientSampleId :
ESXB2

Tgt Ion: 91 Resp: 55071

Ion	Ratio	Lower	Upper
91	100		
92	57.6	39.8	73.8

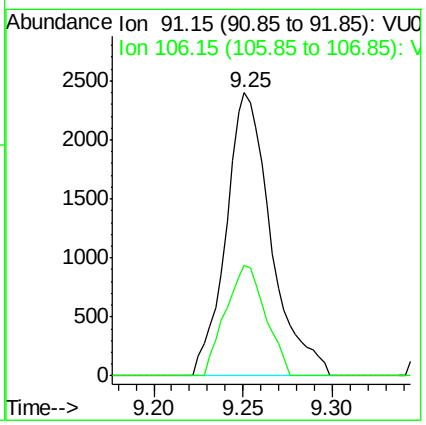


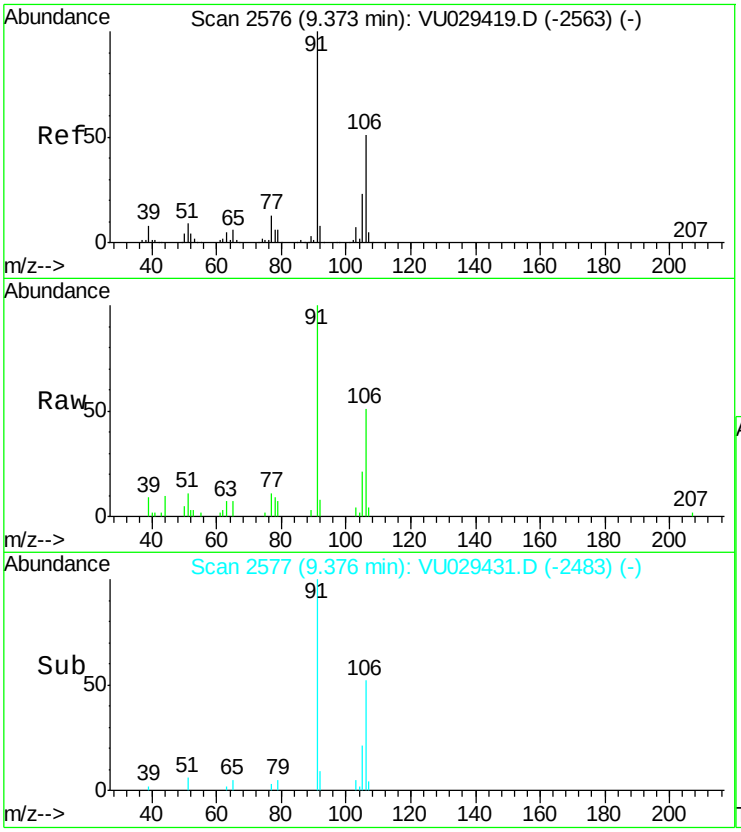


#52
Ethylbenzene
Concen: 0.059 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029431.D
Acq: 12 Feb 2019 19:42

Tgt Ion: 91 Resp: 4219

Ion	Ratio	Lower	Upper
91	100		
106	38.9	22.8	42.4



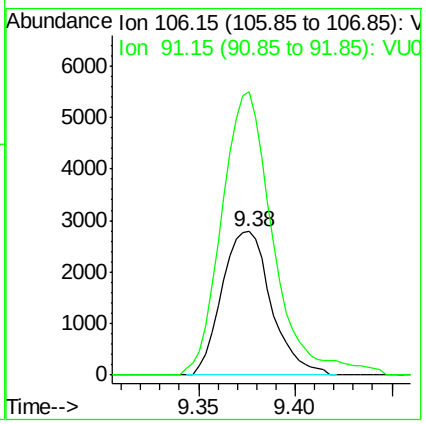


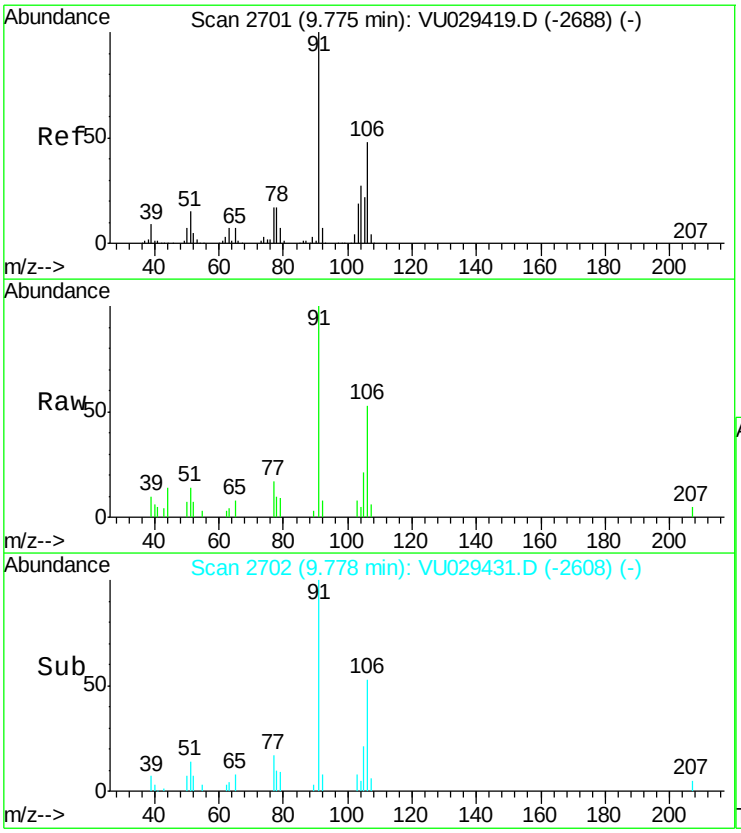
#53
m,p-xylene
Concen: 0.173 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029431.D
Acq: 12 Feb 2019 19:42

Instrument :
MSVOA_U
ClientSampleId :
ESXB2

Tgt Ion:106 Resp: 4937

Ion	Ratio	Lower	Upper
106	100		
91	196.9	135.7	251.9





#54
o-xylene
Concen: 0.108 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029431.D
Acq: 12 Feb 2019 19:42

Tgt Ion:106 Resp: 3039

Ion	Ratio	Lower	Upper
106	100		
91	187.9	145.1	269.5