Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111519\
Data File : VU035718.D
Acq On : 15 Nov 2019 11:47
Operator : JC/SP
Sample : K5856-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQG4

Quant Time: Nov 16 02:06:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	231940	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	260286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98225	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	108275	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.93	69	104518	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.00%			
11) 1,1-Dichloroethene-d2	2.60	63	139896	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.70	46	295724	56.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.20%			
24) Chloroform-d	5.11	84	206106	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.75	65	108128	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.20%			
32) Benzene-d6	5.77	84	410103	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.74	67	141518	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.93	98	346478	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.22	79	50213	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.70	63	210987	50.89	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.78%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	120368	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	110356	5.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.40%			
Target Compounds						Qvalue
13) Acetone	2.67	43	11616	3.057	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	5086	0.219	ug/L	89
34) Trichloroethene	6.58	95	128026	5.461	ug/L	97
42) Toluene	8.01	91	14851	0.154	ug/L	90
52) Ethylbenzene	9.60	91	17871	0.176	ug/L	100
53) m,p-Xylene	9.72	106	25207	0.656	ug/L	94
54) o-Xylene	10.13	106	7895	0.213	ug/L	86

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

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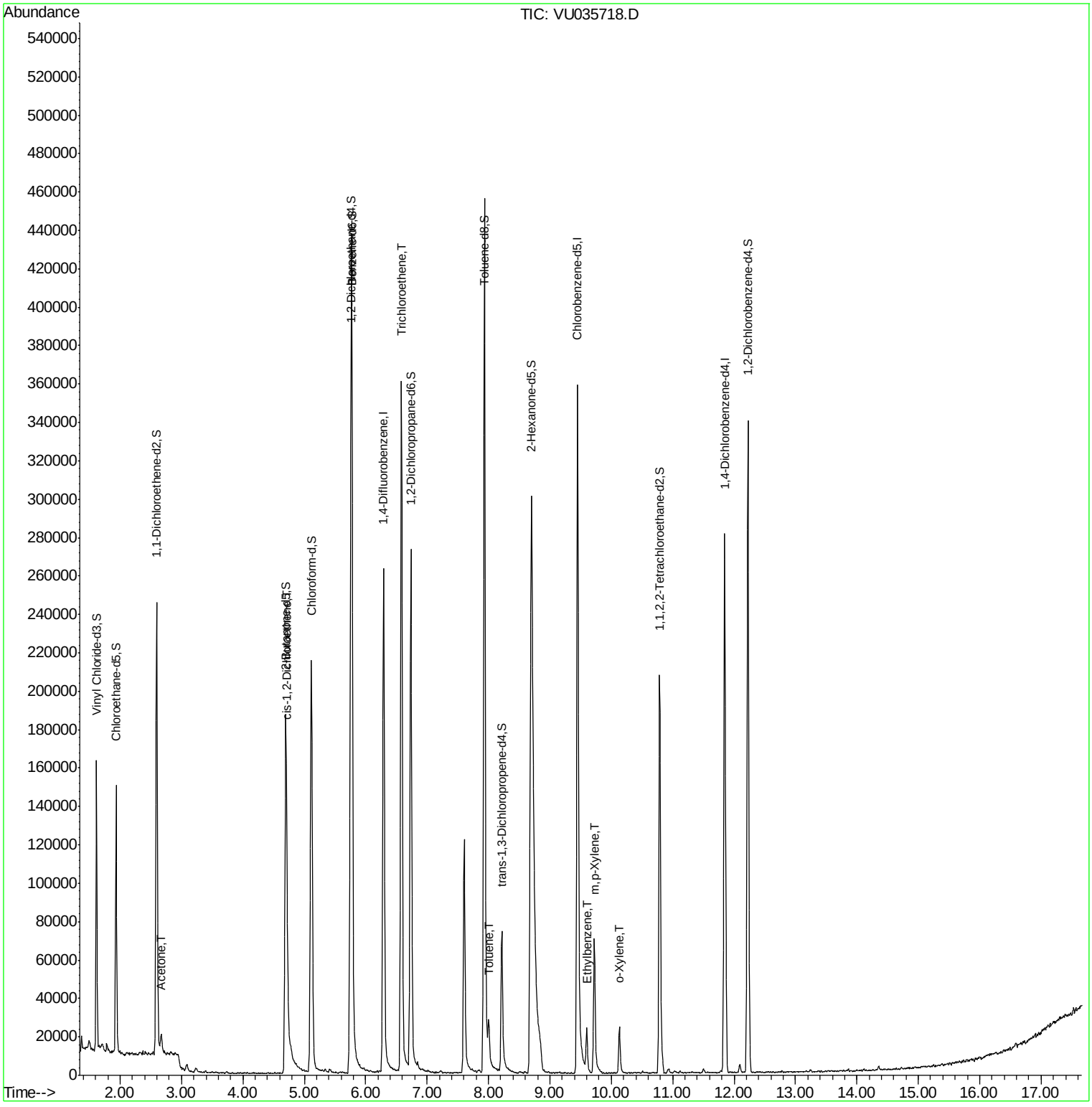
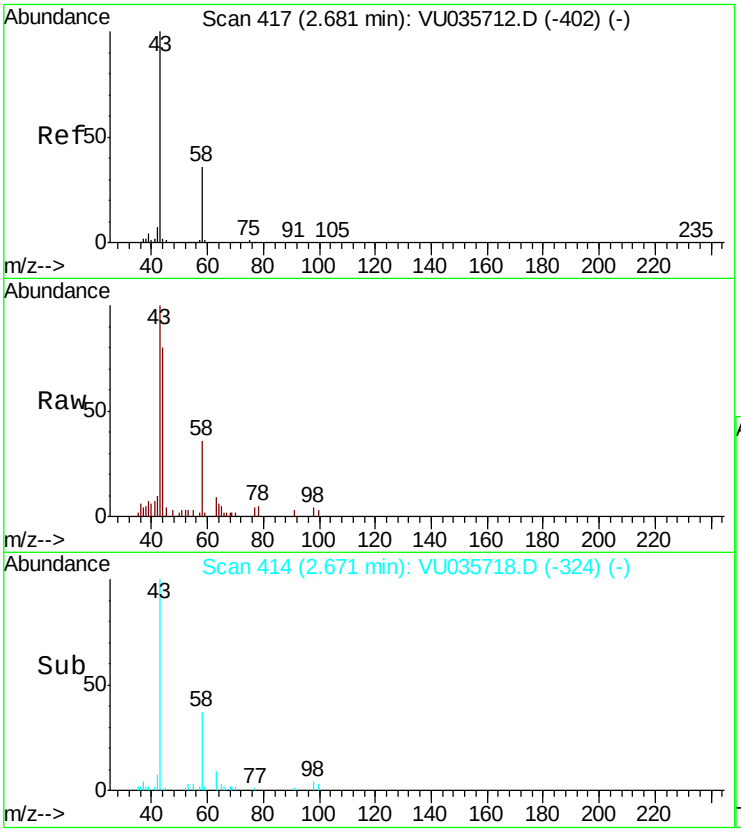


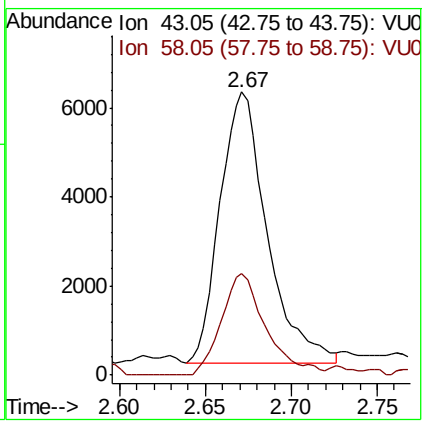


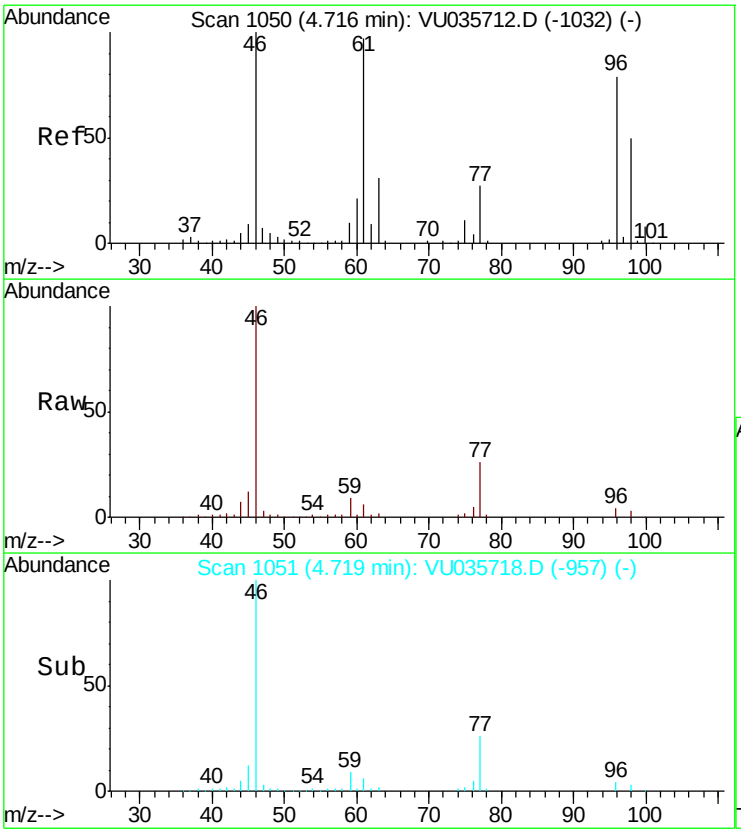
#13
Acetone
Concen: 3.057 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Instrument :
MSVOA_U
ClientSampleId :
GAQG4

Tgt Ion: 43 Resp: 11616

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	69.8

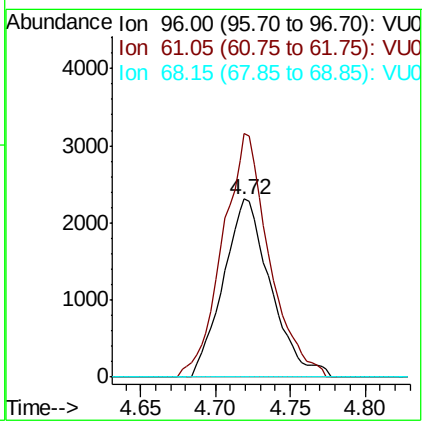


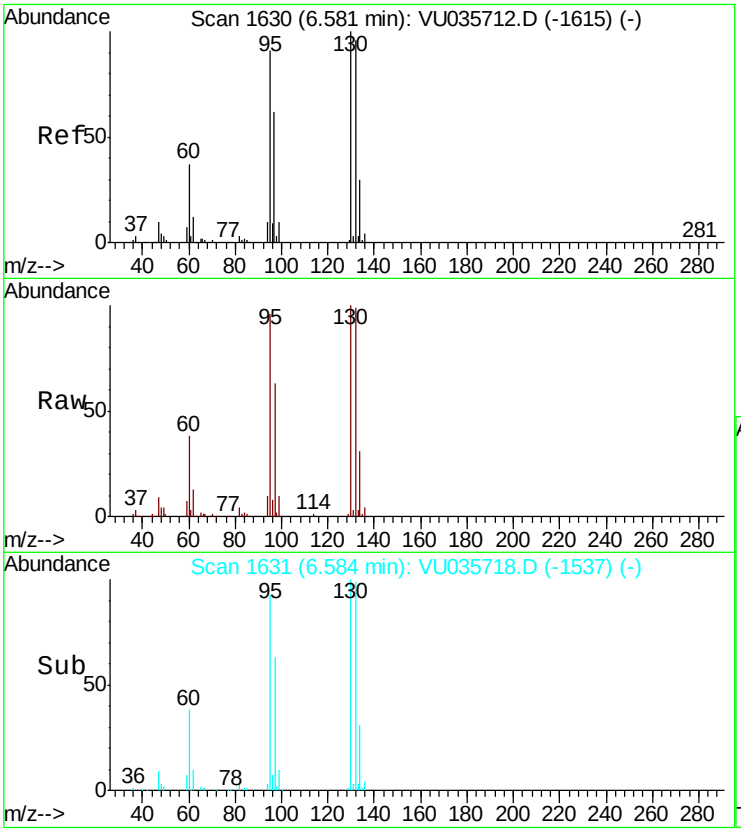


#22
cis-1,2-Dichloroethene
Concen: 0.219 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Tgt Ion: 96 Resp: 5086

Ion	Ratio	Lower	Upper
96	100		
61	136.8	87.0	161.6
68	0.0	0.0	0.0



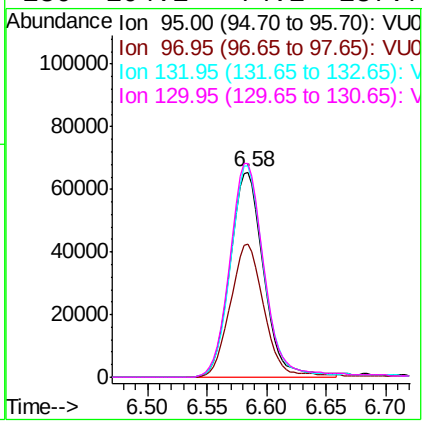


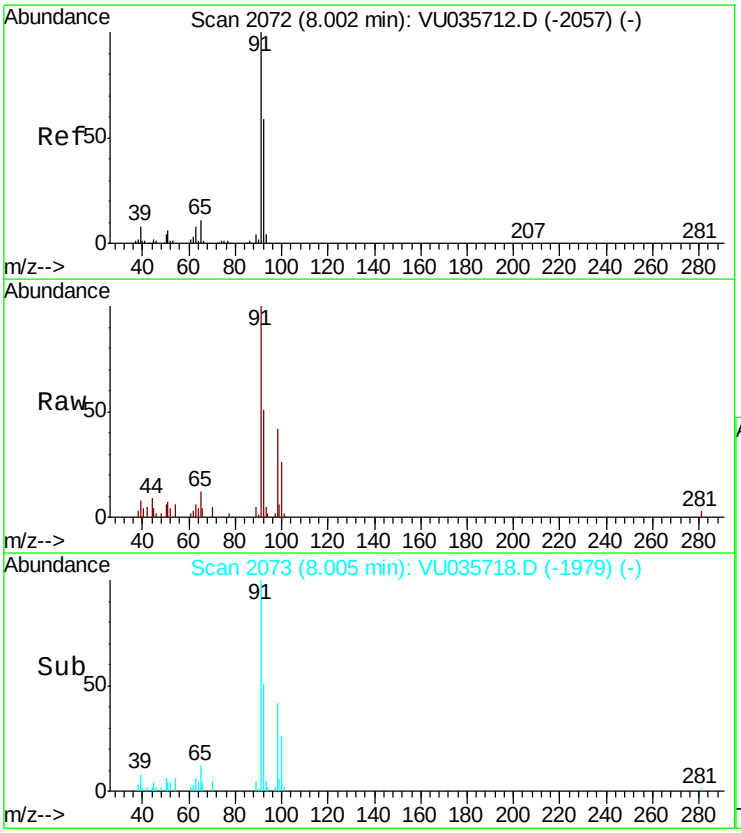
#34
Trichloroethene
Concen: 5.461 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Instrument : MSVOA_U
ClientSampleId : GAQG4

Tgt Ion: 95 Resp: 128026

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.5	82.7
132	103.4	69.9	129.7
130	104.1	74.1	137.7

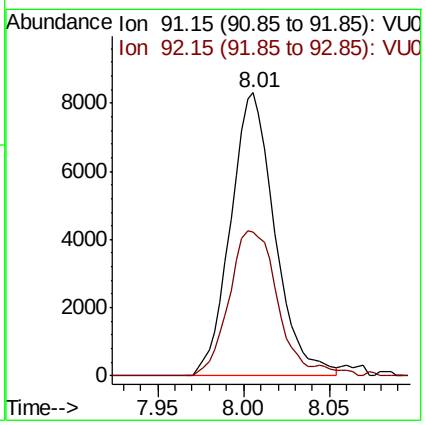


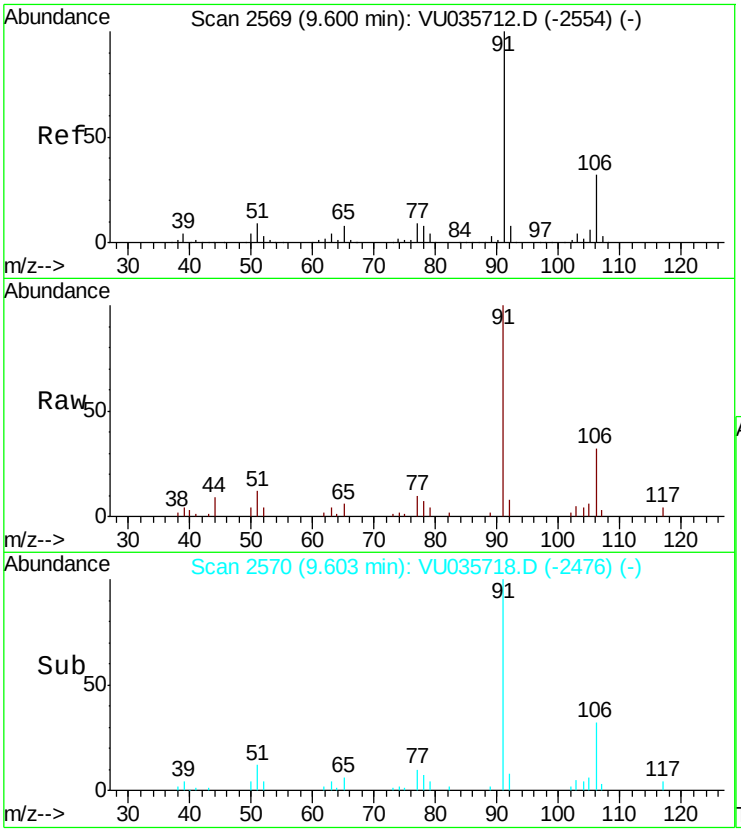


#42
Toluene
Concen: 0.154 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Tgt Ion: 91 Resp: 14851

Ion	Ratio	Lower	Upper
91	100		
92	50.7	40.5	75.3



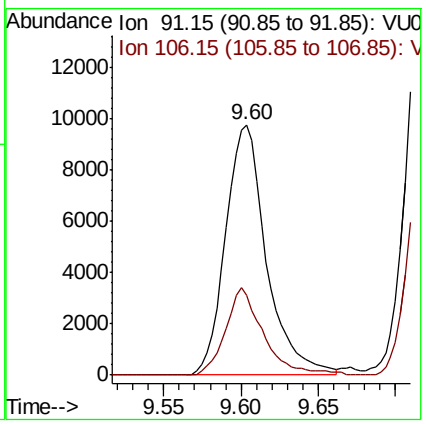


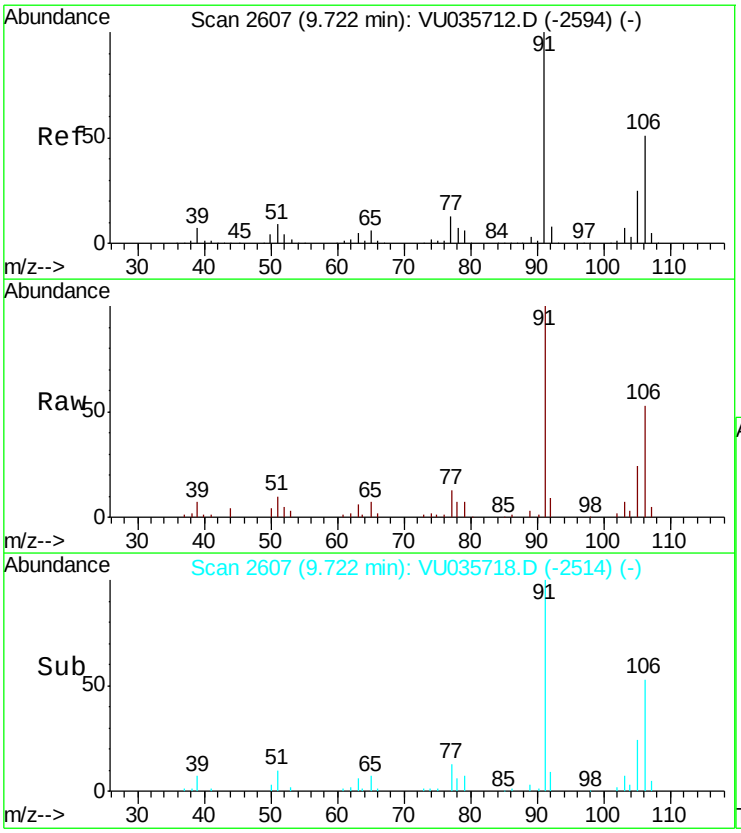
#52
Ethylbenzene
Concen: 0.176 ug/L
RT: 9.60 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Instrument : MSVOA_U
ClientSampleId : GAQG4

Tgt Ion: 91 Resp: 17871

Ion	Ratio	Lower	Upper
91	100		
106	31.7	22.4	41.6

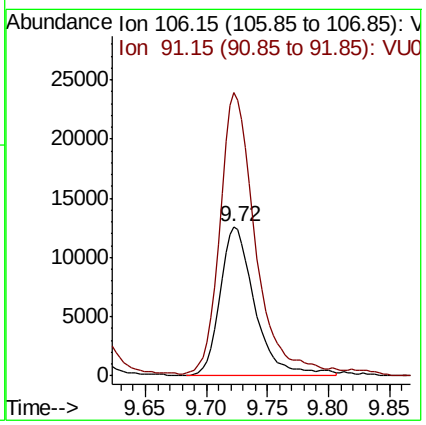


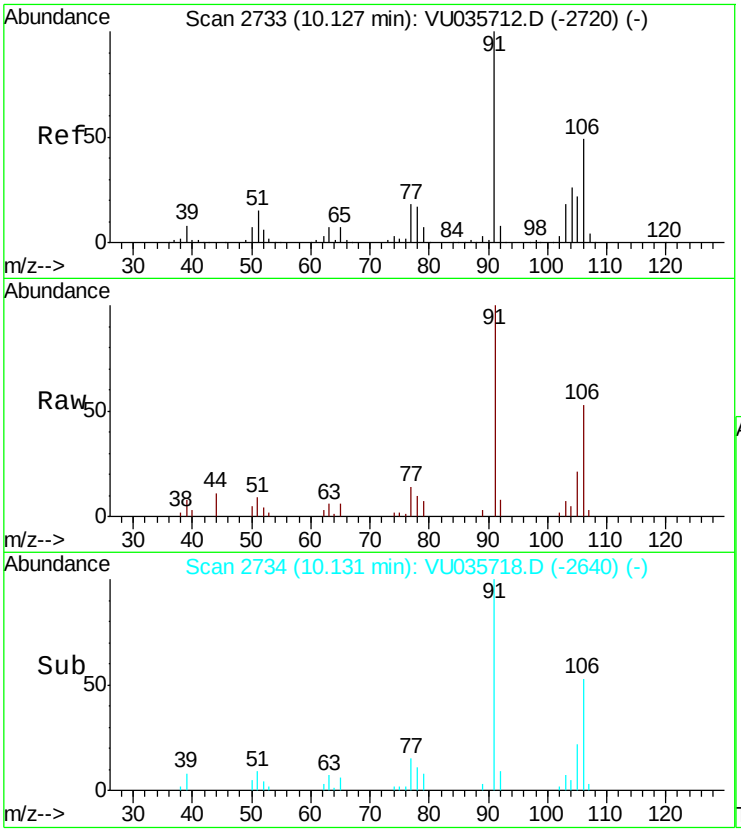


#53
m,p-Xylene
Concen: 0.656 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Tgt Ion:106 Resp: 25207

Ion	Ratio	Lower	Upper
106	100		
91	189.4	139.4	259.0





#54
o-Xylene
Concen: 0.213 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Instrument :
MSVOA_U
ClientSampleId :
GAQG4

Tgt Ion:106 Resp: 7895

Ion	Ratio	Lower	Upper
106	100		
91	188.8	147.7	274.3