Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035754.D
Acq On : 18 Nov 2019 19:38
Operator : JC/SP
Sample : K5910-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK0

Quant Time: Nov 19 03:16:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	181891	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	214662	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87743	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	84019	4.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.80%			
7) Chloroethane-d5	1.93	69	79116	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.59	63	109894	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	4.70	46	217864	52.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.40%			
24) Chloroform-d	5.11	84	144704	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.75	65	84463	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.77	84	307539	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.74	67	104982	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.93	98	246771	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	8.21	79	35180	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	8.68	63	150262	43.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.88%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94879	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	87340	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
13) Acetone	2.67	43	5451	1.829	ug/L	89
14) Carbon disulfide	2.82	76	17442	0.336	ug/L #	89
25) Chloroform	5.14	83	30190	0.908	ug/L	96
34) Trichloroethene	6.58	95	3993	0.207	ug/L	79
52) Ethylbenzene	9.60	91	16388	0.196	ug/L	95
55) Styrene	10.15	104	164675	3.254	ug/L	91

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

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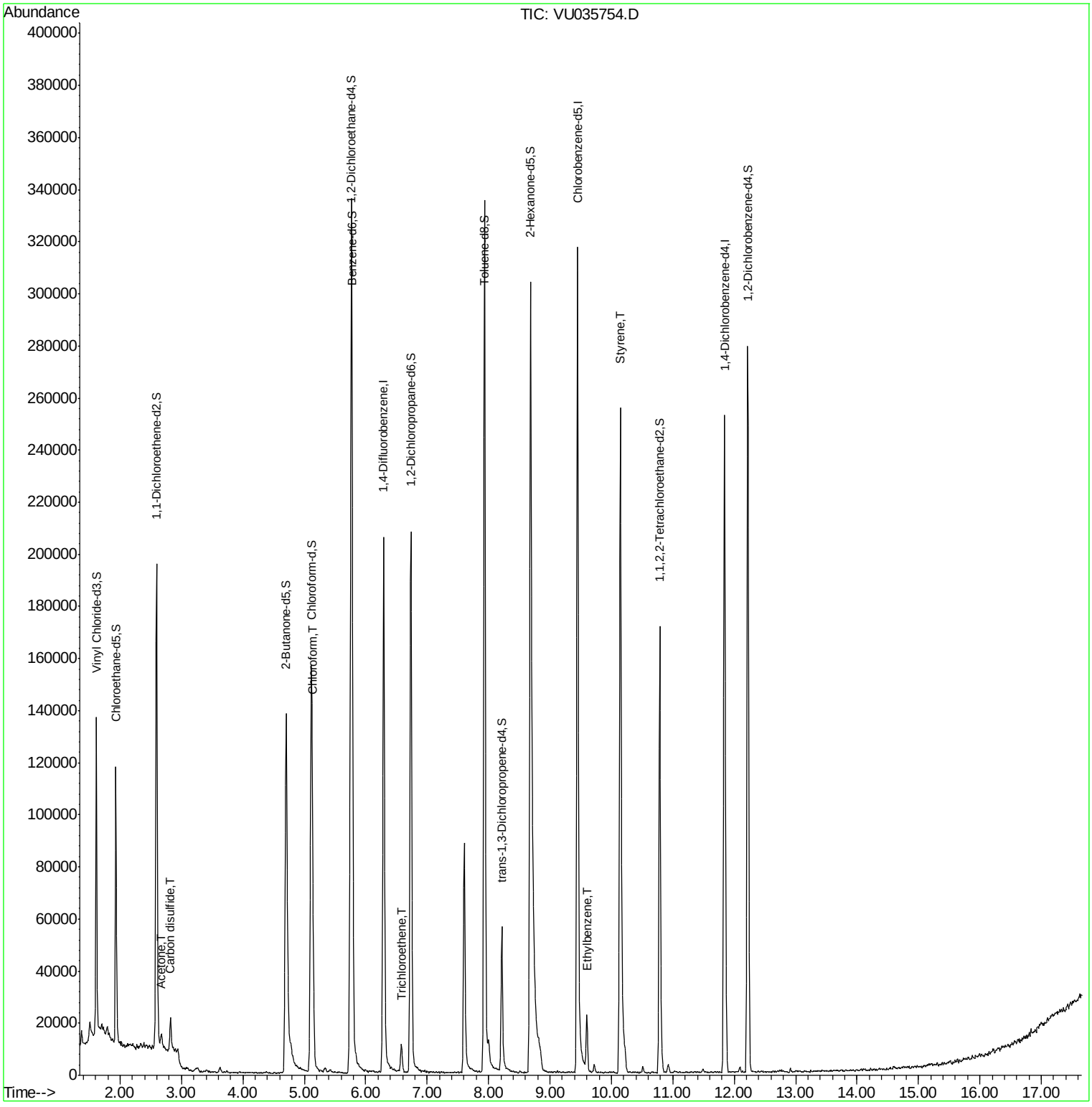
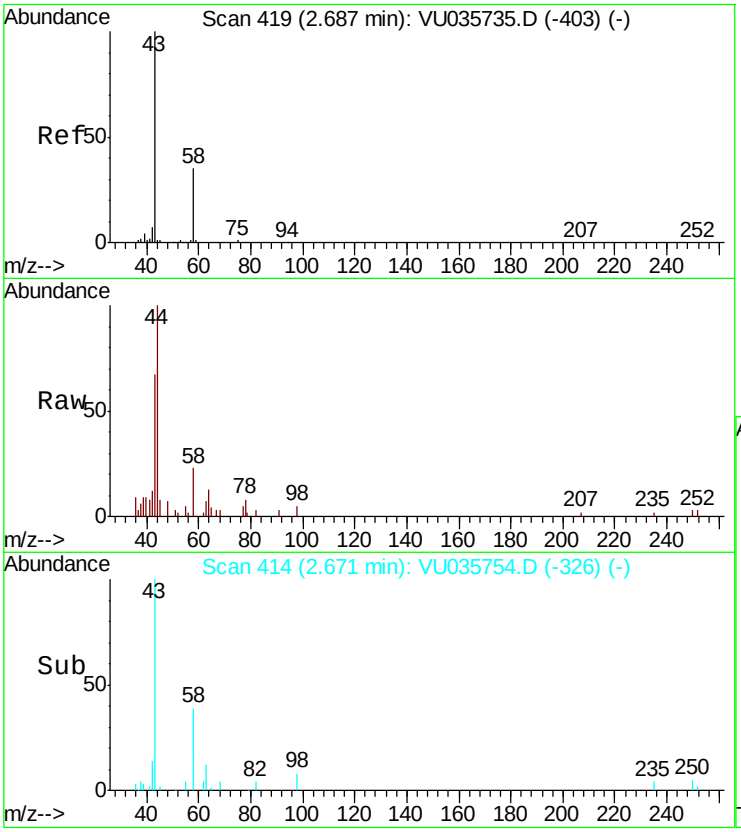


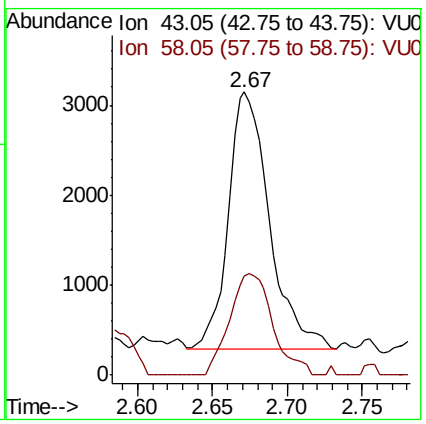


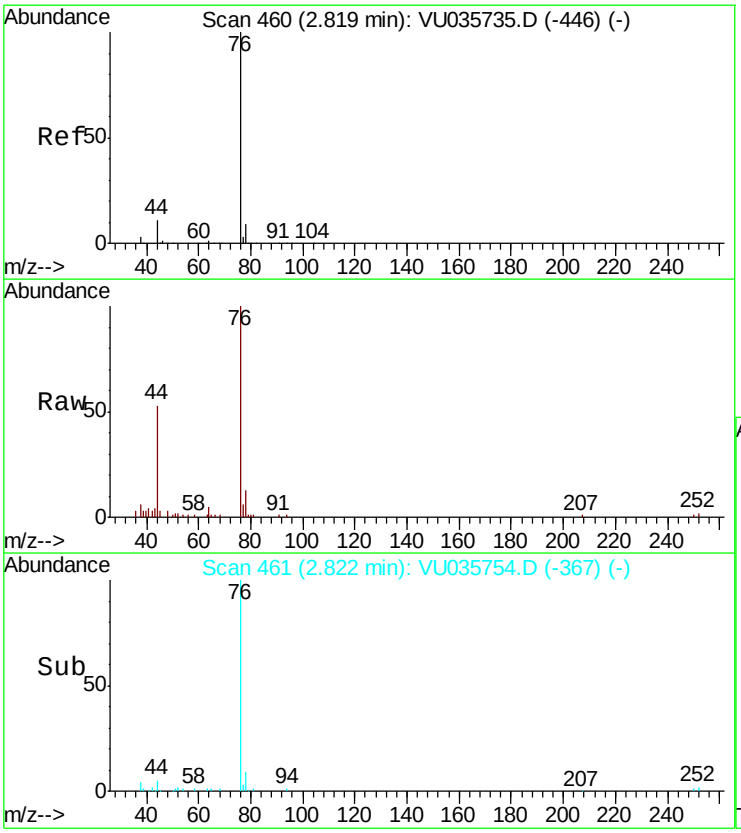
#13
Acetone
Concen: 1.829 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.02 min
Lab File: VU035754.D
Acq: 18 Nov 2019 19:38

Instrument : MSVOA_U
ClientSampleId : GAQK0

Tgt Ion: 43 Resp: 5451

Ion	Ratio	Lower	Upper
43	100		
58	41.5	0.0	69.8

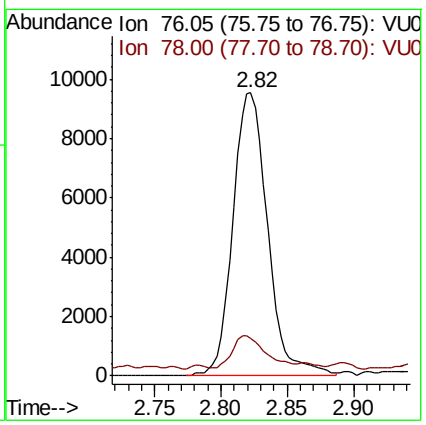


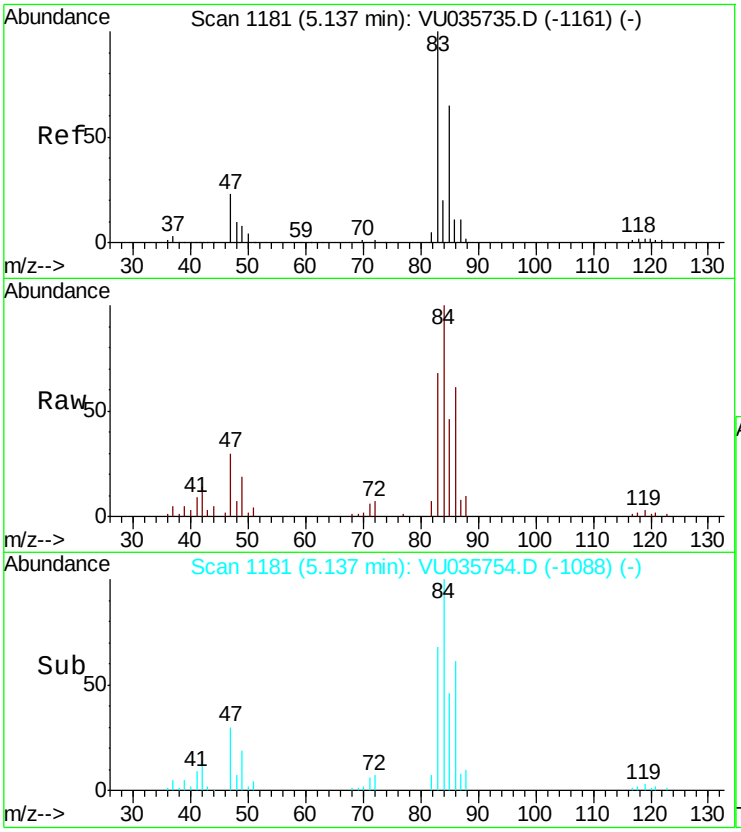


#14
Carbon disulfide
Concen: 0.336 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035754.D
Acq: 18 Nov 2019 19:38

Tgt Ion: 76 Resp: 17442

Ion	Ratio	Lower	Upper
76	100		
78	13.2	7.4	11.0#



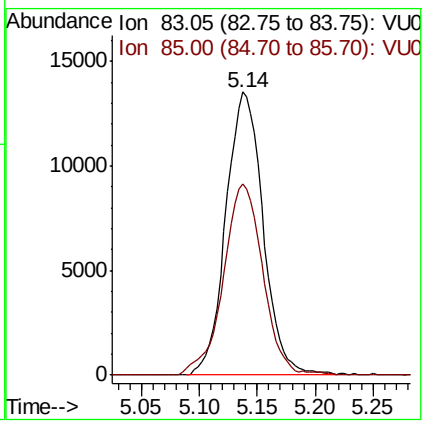


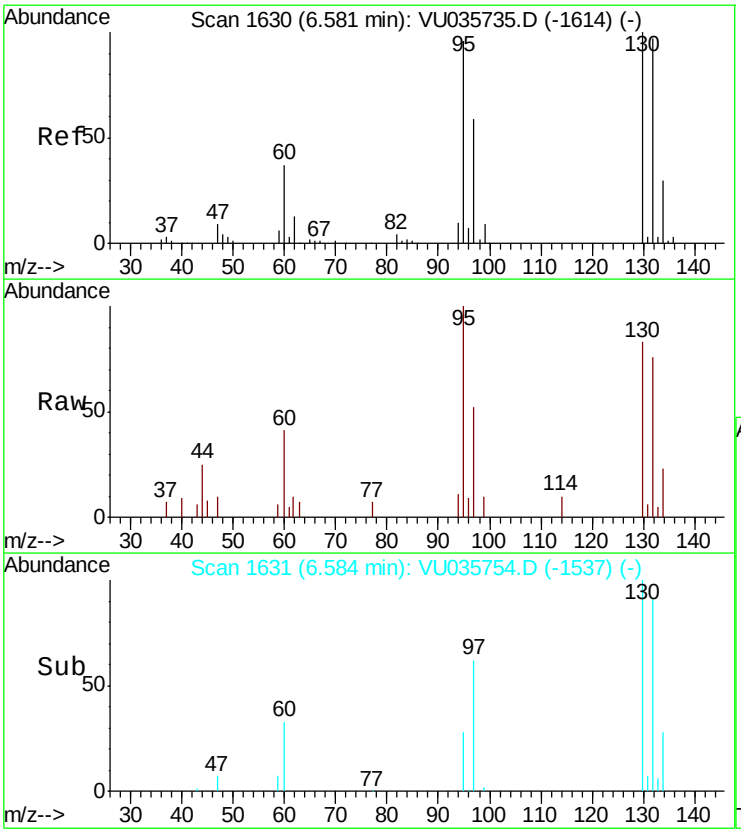
#25
Chloroform
Concen: 0.908 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035754.D
Acq: 18 Nov 2019 19:38

Instrument :
MSVOA_U
ClientSampleId :
GAQK0

Tgt Ion: 83 Resp: 30190

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.4	84.2

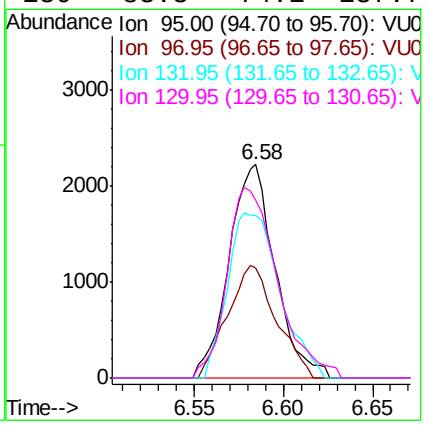


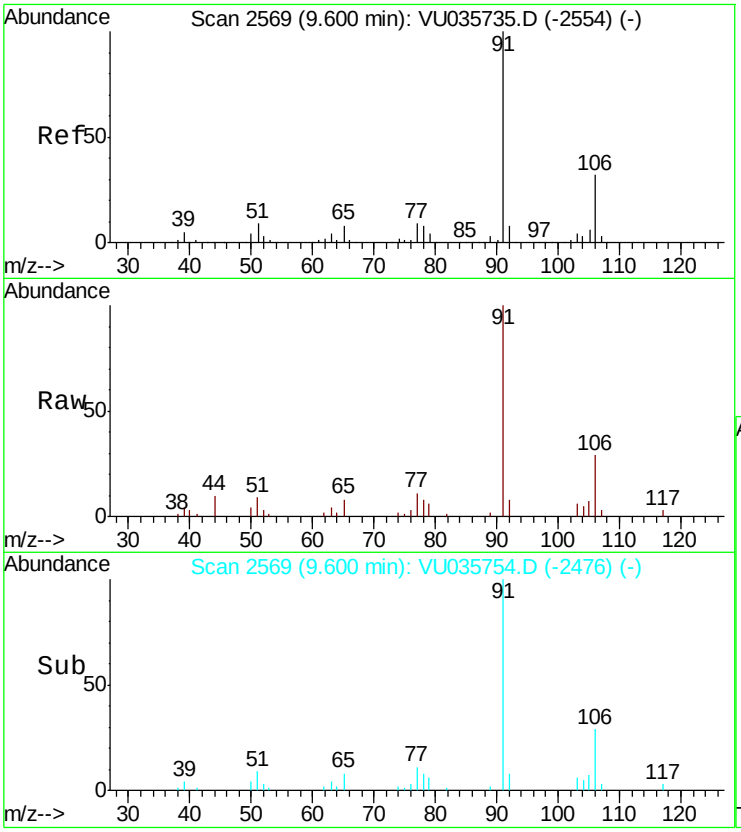


#34
Trichloroethene
Concen: 0.207 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035754.D
Acq: 18 Nov 2019 19:38

Tgt Ion: 95 Resp: 3993

Ion	Ratio	Lower	Upper
95	100		
97	51.8	44.5	82.7
132	75.8	69.9	129.7
130	83.3	74.1	137.7



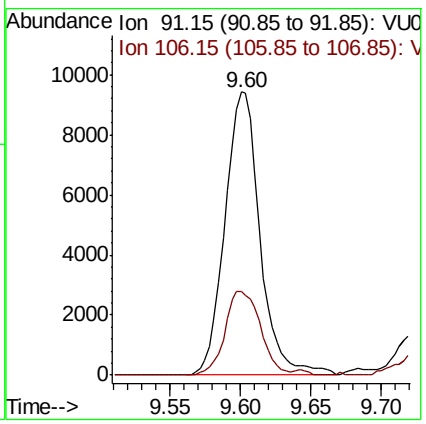


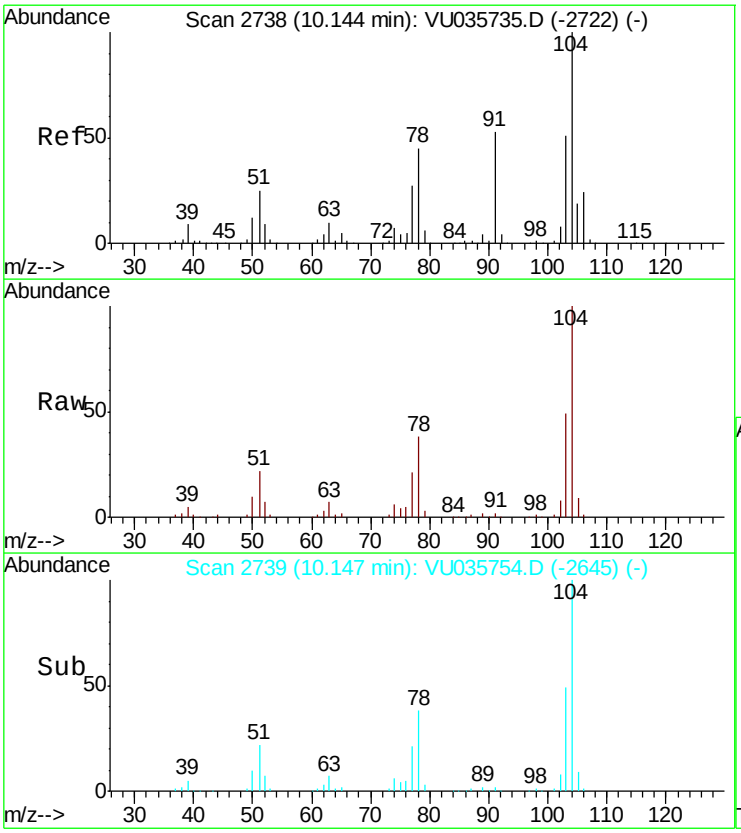
#52
Ethylbenzene
Concen: 0.196 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU035754.D
Acq: 18 Nov 2019 19:38

Instrument : MSVOA_U
ClientSampleId : GAQK0

Tgt Ion: 91 Resp: 16388

Ion	Ratio	Lower	Upper
91	100		
106	29.4	22.4	41.6





#55
Styrene
Concen: 3.254 ug/L
RT: 10.15 min Scan# 2739
Delta R.T. 0.00 min
Lab File: VU035754.D
Acq: 18 Nov 2019 19:38

Tgt Ion:104 Resp: 164675

Ion	Ratio	Lower	Upper
104	100		
78	38.4	30.8	57.2