Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
Data File : VU028873.D
Acq On : 21 Dec 2018 14:59
Operator : MD/SY
Sample : J6441-11DL 20X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 21 23:31:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 23:27:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	200256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93418	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	52876	32.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.88%			
7) Chloroethane-d5	1.66	69	45346	36.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.14%			
11) 1,1-Dichloroethene-d2	2.26	63	71108	26.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 52.68%#			
21) 2-Butanone-d5	4.18	46	109385	97.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.25%			
24) Chloroform-d	4.65	84	100707	39.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.78%			
26) 1,2-Dichloroethane-d4	5.31	65	65625	42.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.34%			
32) Benzene-d6	5.34	84	217113	39.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.78%			
36) 1,2-Dichloropropane-d6	6.33	67	77186	41.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.50%			
41) Toluene-d8	7.56	98	188289	38.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.36%#			
43) trans-1,3-Dichloropropene-	7.85	79	32130	38.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.56%			
47) 2-Hexanone-d5	8.31	63	84901	96.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.68%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112269	43.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	79332	41.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.98%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	674	0.602	ug/L #	1
27) 1,2-Dichloroethane	5.34	62	1004	0.525	ug/L #	74
37) 1,2-Dichloropropane	6.33	63	7217	4.209	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1596	0.653	ug/L #	48
52) Ethylbenzene	9.25	91	2060416	308.425	ug/L	98
53) m,p-Xylene	9.37	106	12196	4.937	ug/L	98
54) o-xylene	9.78	106	41912	16.928	ug/L	99
55) Styrene	9.77	104	2496	0.595	ug/L #	1
56) Isopropylbenzene	10.17	105	132544	21.103	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	1707	0.641	ug/L #	66
59) 1,2,3-Trichloropropane	10.58	75	2423	1.184	ug/L #	1

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

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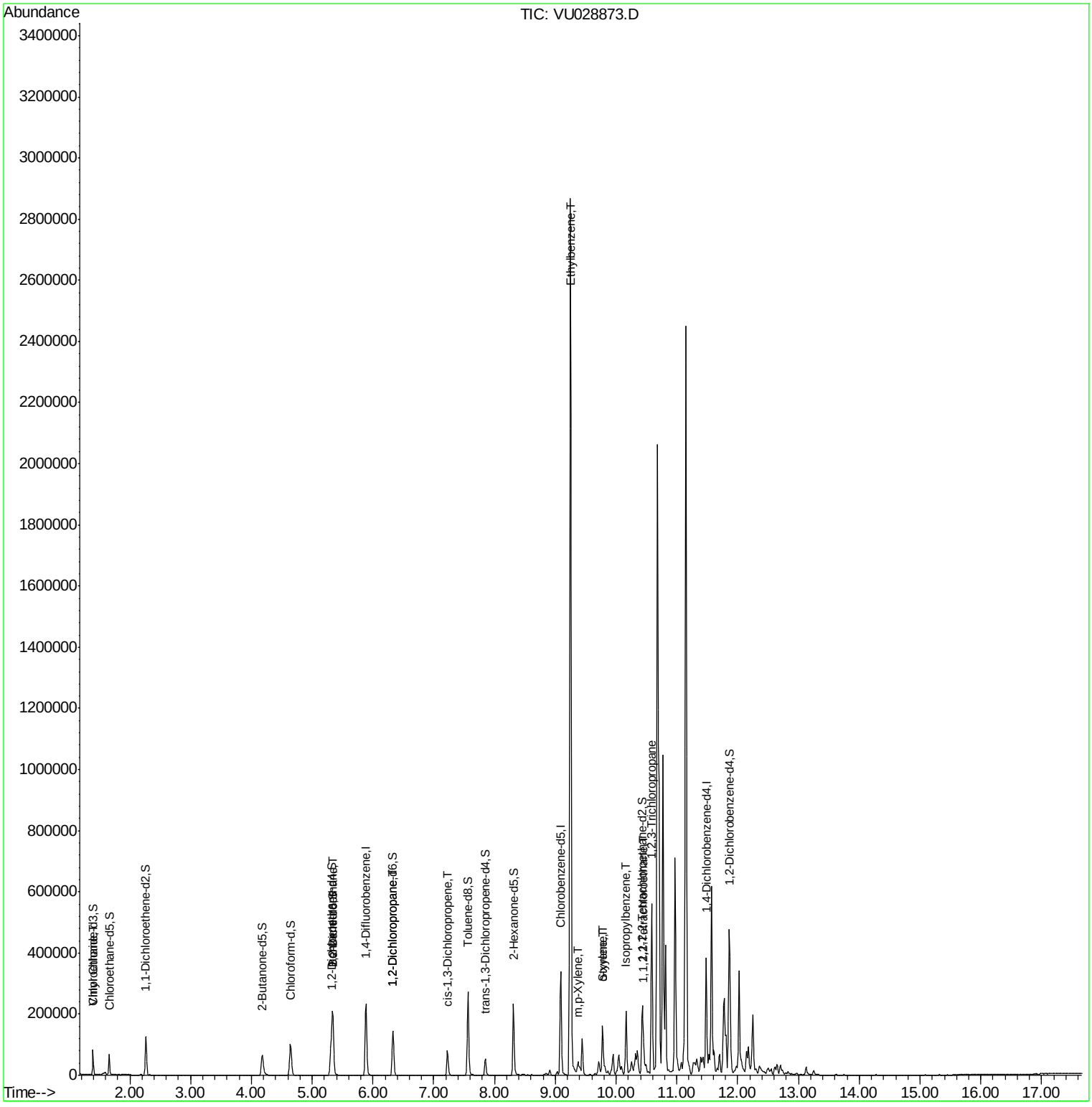
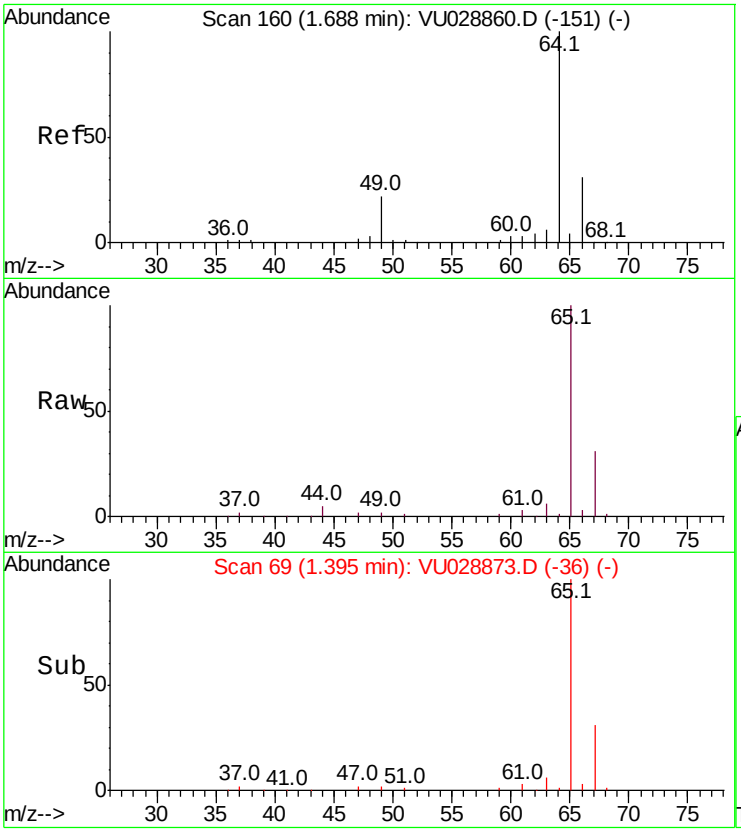
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 23:27:40 2018
Response via : Initial Calibration

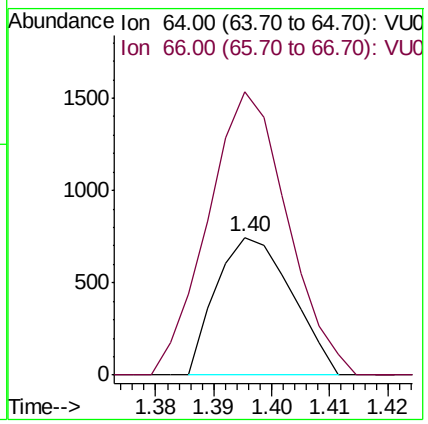


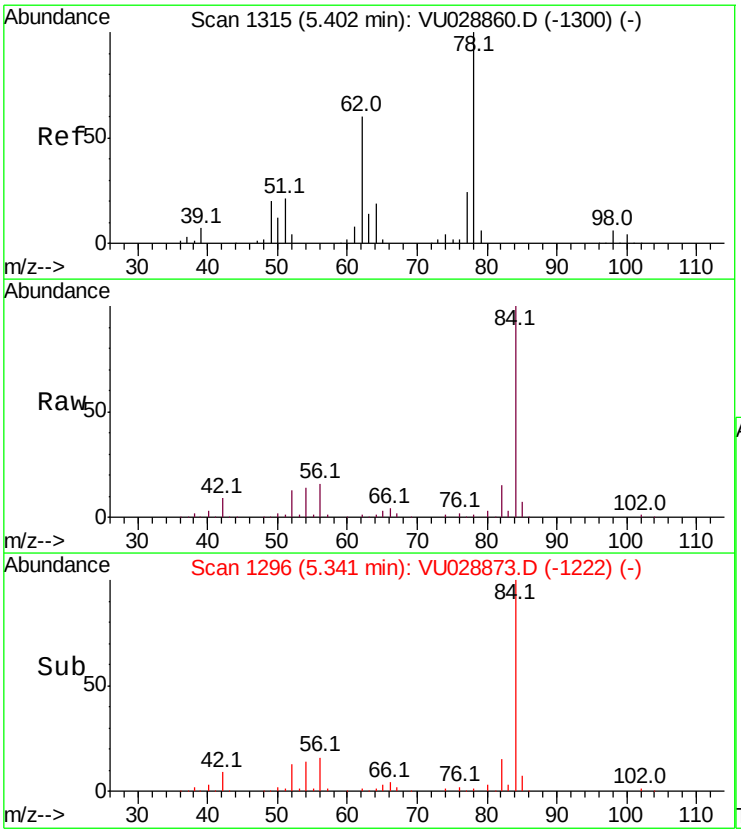


#8
Chloroethane
Concen: 0.602 ug/L
RT: 1.40 min Scan# 69
Delta R.T. -0.29 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion: 64 Resp: 674

Ion	Ratio	Lower	Upper
64	100		
66	205.2	21.5	39.9#

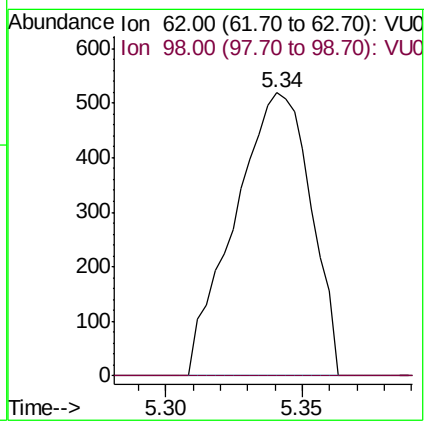


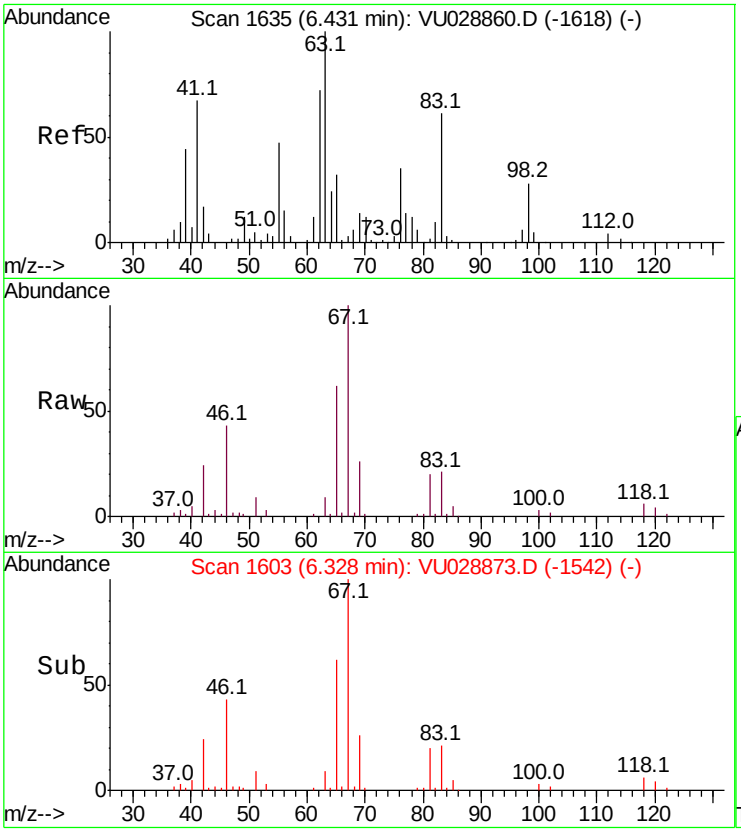


#27
1,2-Dichloroethane
Concen: 0.525 ug/L
RT: 5.34 min Scan# 1296
Delta R.T. -0.06 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion: 62 Resp: 1004

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

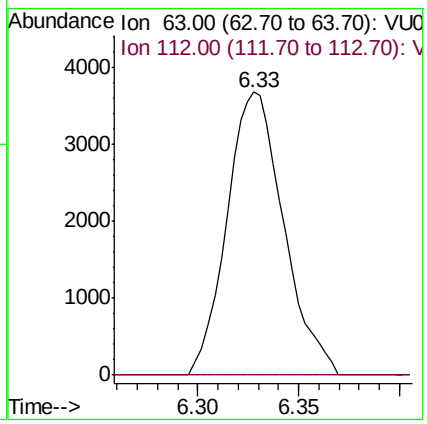


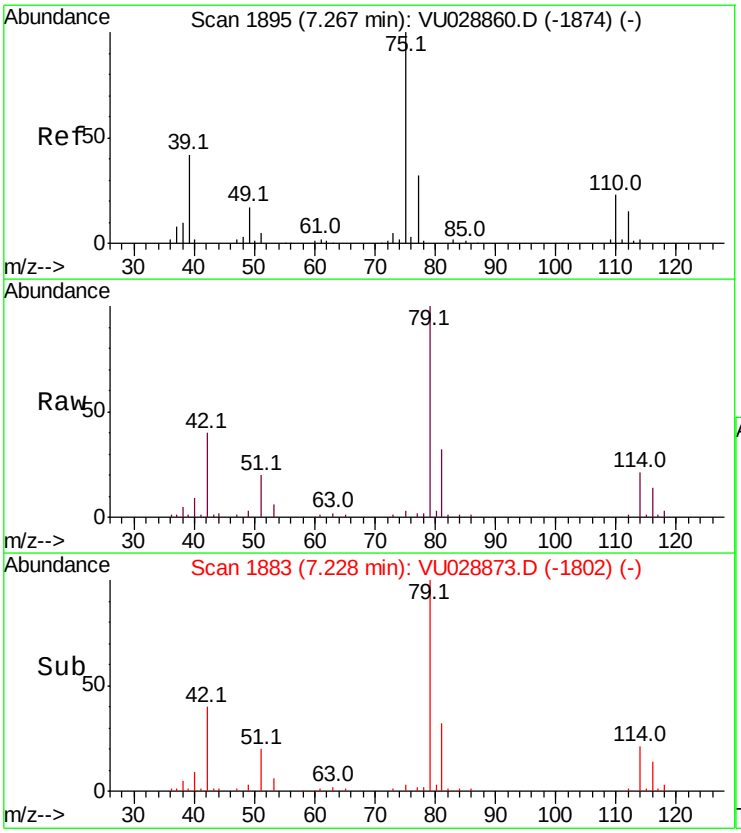


#37
1,2-Dichloropropane
Concen: 4.209 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion: 63 Resp: 7217

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

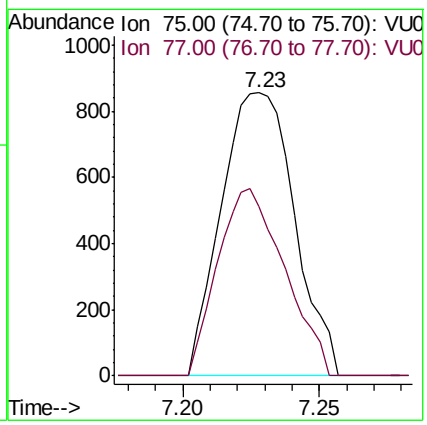


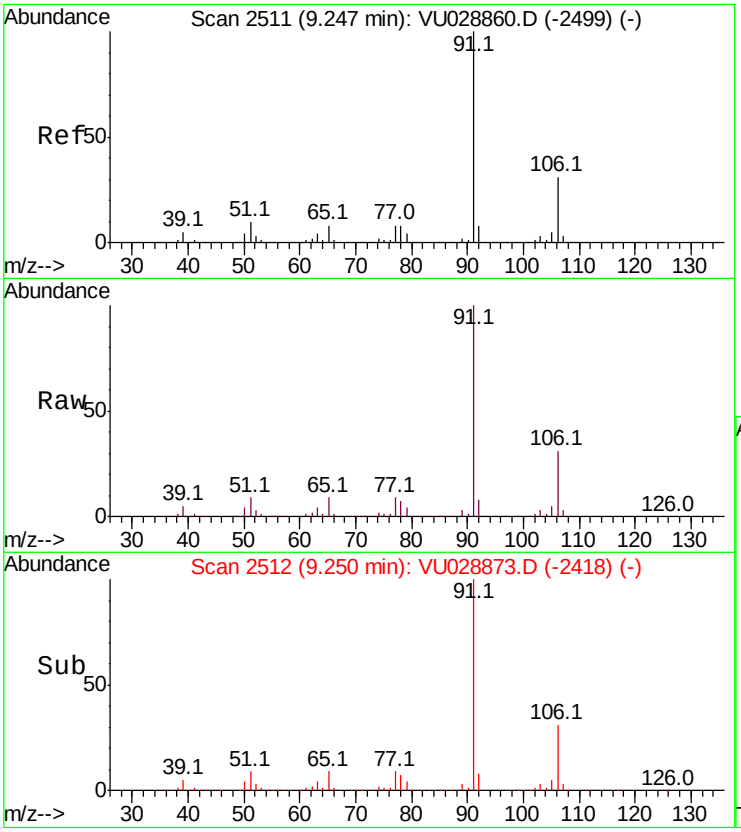


#39
cis-1,3-Dichloropropene
Concen: 0.653 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion: 75 Resp: 1596

Ion	Ratio	Lower	Upper
75	100		
77	59.7	21.8	40.6#

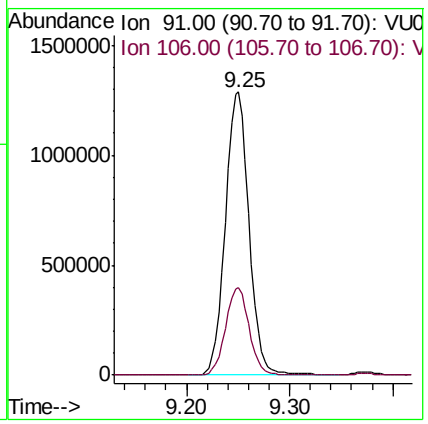


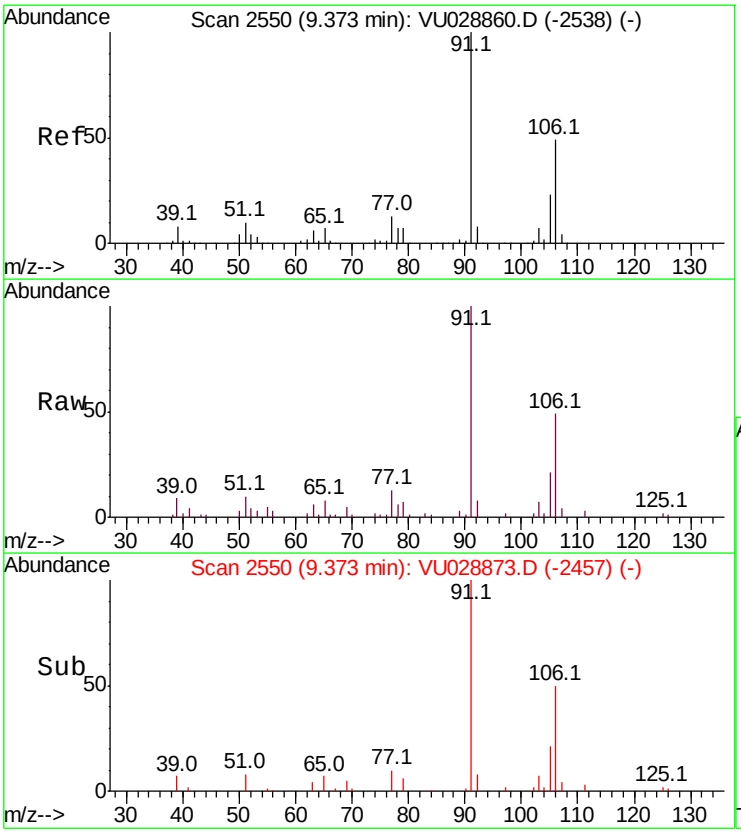


#52
Ethylbenzene
Concen: 308.425 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion: 91 Resp: 2060416

Ion	Ratio	Lower	Upper
91	100		
106	30.9	20.9	38.9

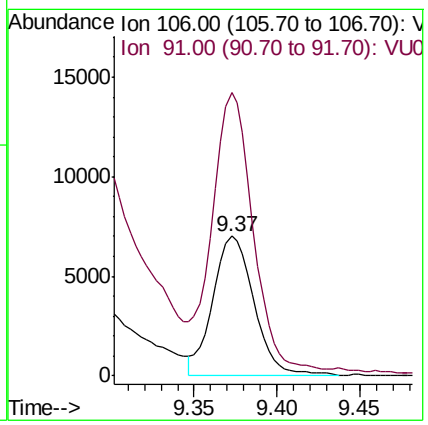


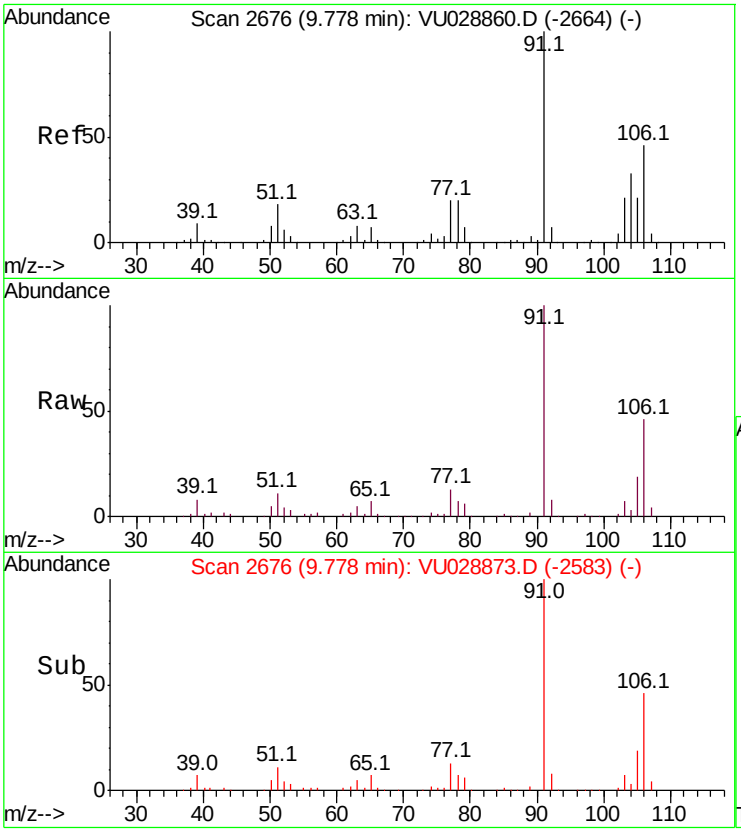


#53
m,p-Xylene
Concen: 4.937 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion:106 Resp: 12196

Ion	Ratio	Lower	Upper
106	100		
91	202.3	144.1	267.5

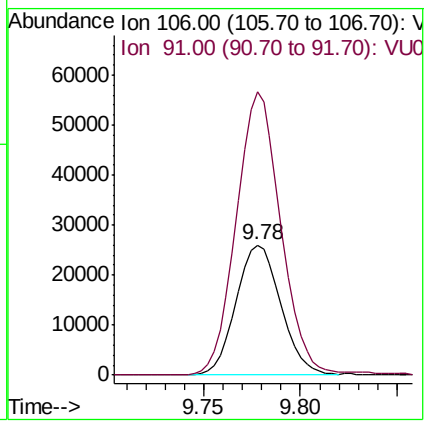


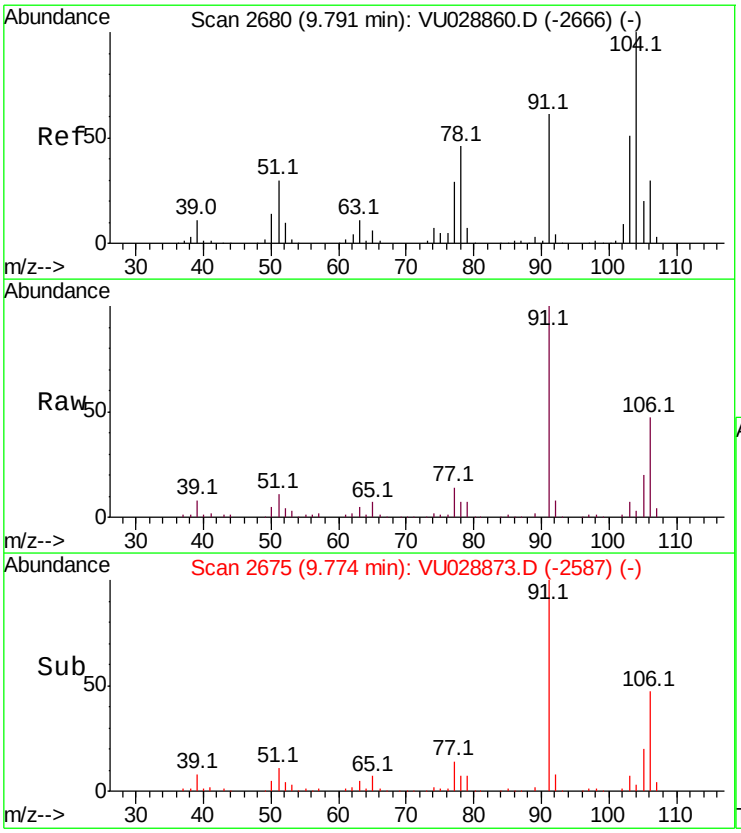


#54
o-xylene
Concen: 16.928 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion:106 Resp: 41912

Ion	Ratio	Lower	Upper
106	100		
91	217.2	150.4	279.4

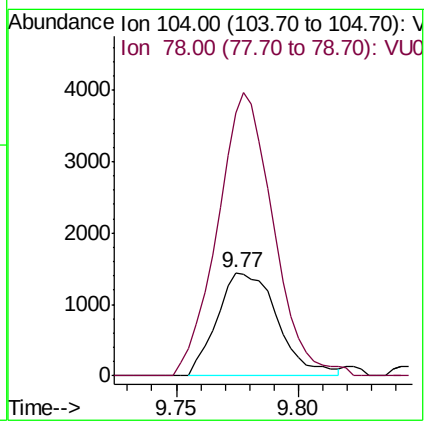


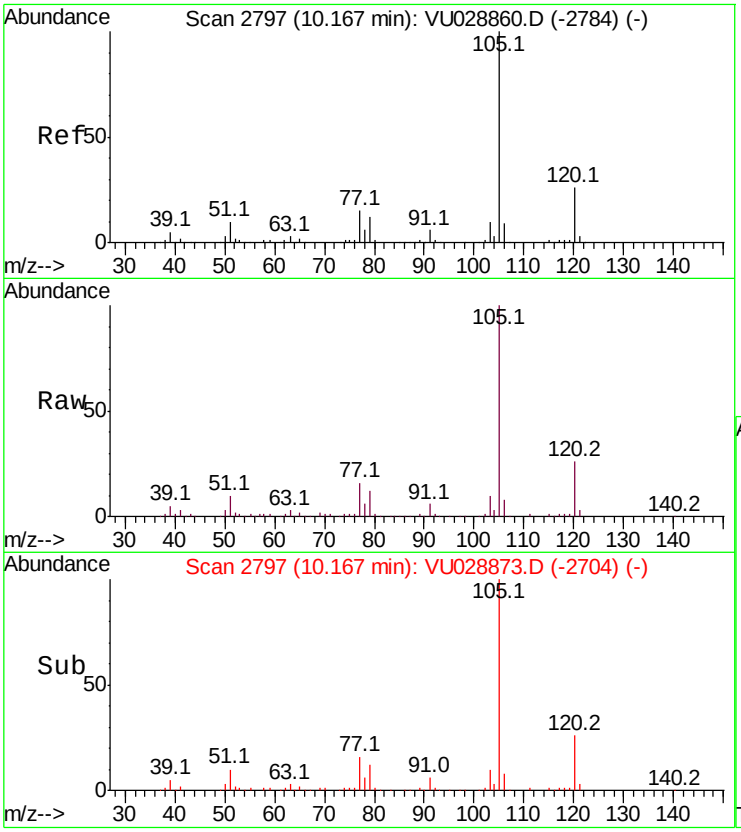


#55
Styrene
Concen: 0.595 ug/L
RT: 9.77 min Scan# 2675
Delta R.T. -0.02 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion:104 Resp: 2496

Ion	Ratio	Lower	Upper
104	100		
78	254.6	31.3	58.1#

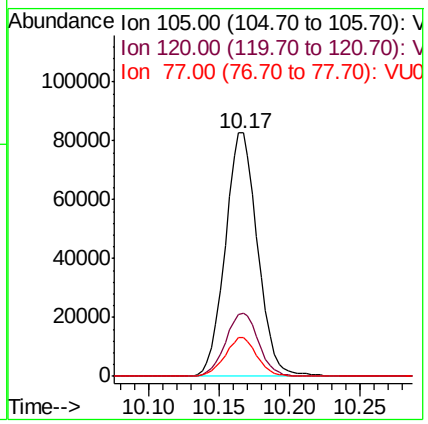


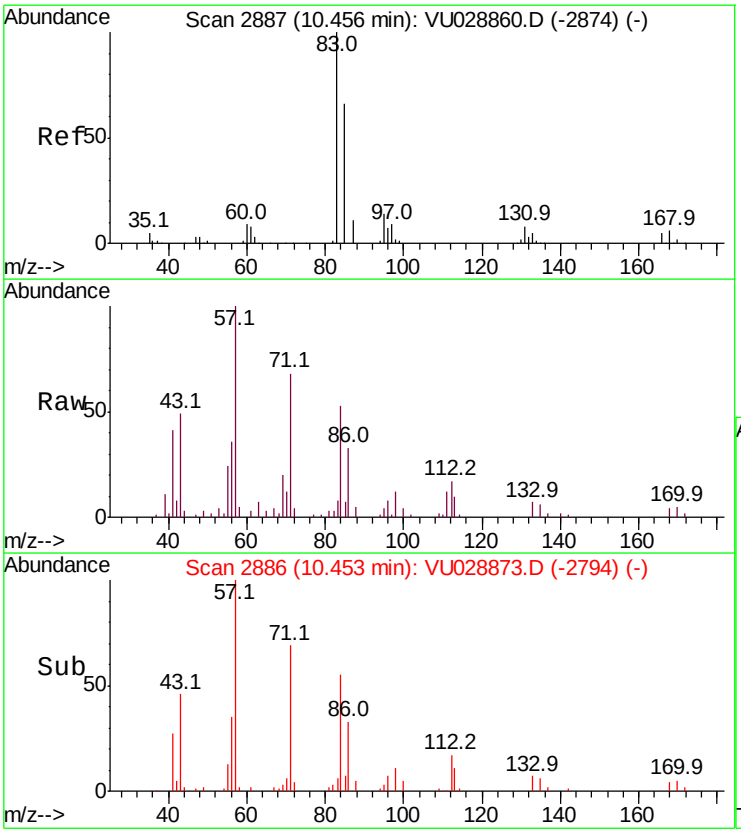


#56
Isopropylbenzene
Concen: 21.103 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion:105 Resp: 132544

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.4	32.2
77	15.6	12.3	18.5

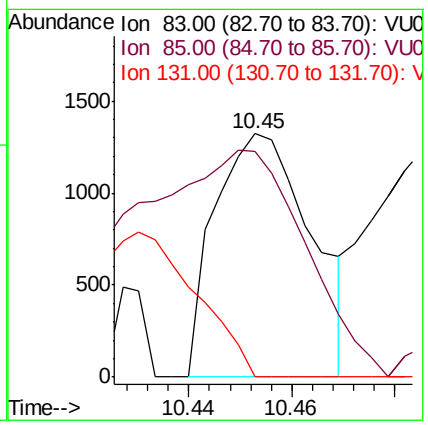


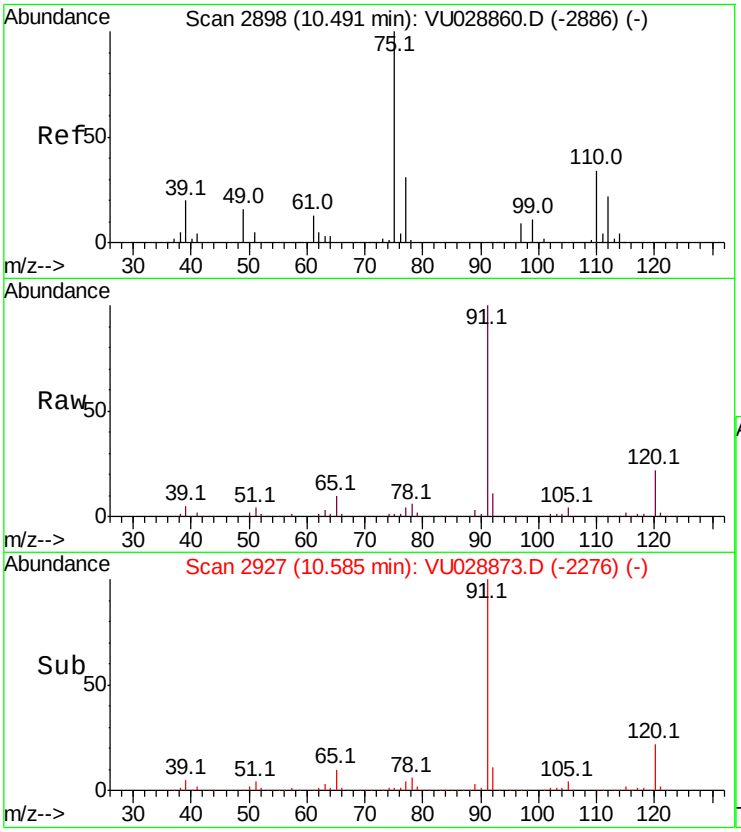


#58
1,1,2,2-Tetrachloroethane
Concen: 0.641 ug/L
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion: 83 Resp: 1707

Ion	Ratio	Lower	Upper
83	100		
85	92.7	45.3	84.1#
131	0.0	6.7	10.1#





#59
1,2,3-Trichloropropane
Concen: 1.184 ug/L
RT: 10.58 min Scan# 2927
Delta R.T. 0.09 min
Lab File: VU028873.D
Acq: 21 Dec 2018 14:59

Tgt Ion: 75 Resp: 2423

Ion	Ratio	Lower	Upper
75	100		
77	678.1	25.5	38.3#