Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120419\
Data File : VV013906.D
Acq On : 04 Dec 2019 16:15
Operator : SY/MD
Sample : K4649-08MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 05 01:54:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 05 01:28:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264775	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	237269	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	101638	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67187	46.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.84%			
7) Chloroethane-d5	1.57	69	72867	70.93	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 141.86%#			
11) 1,1-Dichloroethene-d2	2.13	63	148656	59.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.48%			
21) 2-Butanone-d5	3.92	46	118218	112.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.10%			
24) Chloroform-d	4.39	84	148476	40.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.78%			
26) 1,2-Dichloroethane-d4	5.07	65	96881	41.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.06%			
32) Benzene-d6	5.09	84	301414	44.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.28%			
36) 1,2-Dichloropropane-d6	6.11	67	95097	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.16%			
41) Toluene-d8	7.35	98	271298	41.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.42%			
43) trans-1,3-Dichloropropene-	7.66	79	42047	37.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.78%			
47) 2-Hexanone-d5	8.13	63	67591	82.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.29%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	124998	44.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.68%			
66) 1,2-Dichlorobenzene-d4	11.67	152	106542	44.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.14%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	79582	82.727	ug/L	85
25) Chloroform	4.42	83	18793	6.693	ug/L	96
33) Benzene	5.14	78	338406	61.959	ug/L	100
34) Trichloroethene	5.96	95	85047	56.022	ug/L	98
42) Toluene	7.43	91	346554	57.103	ug/L	100
51) Chlorobenzene	8.92	112	236491	57.797	ug/L	99

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

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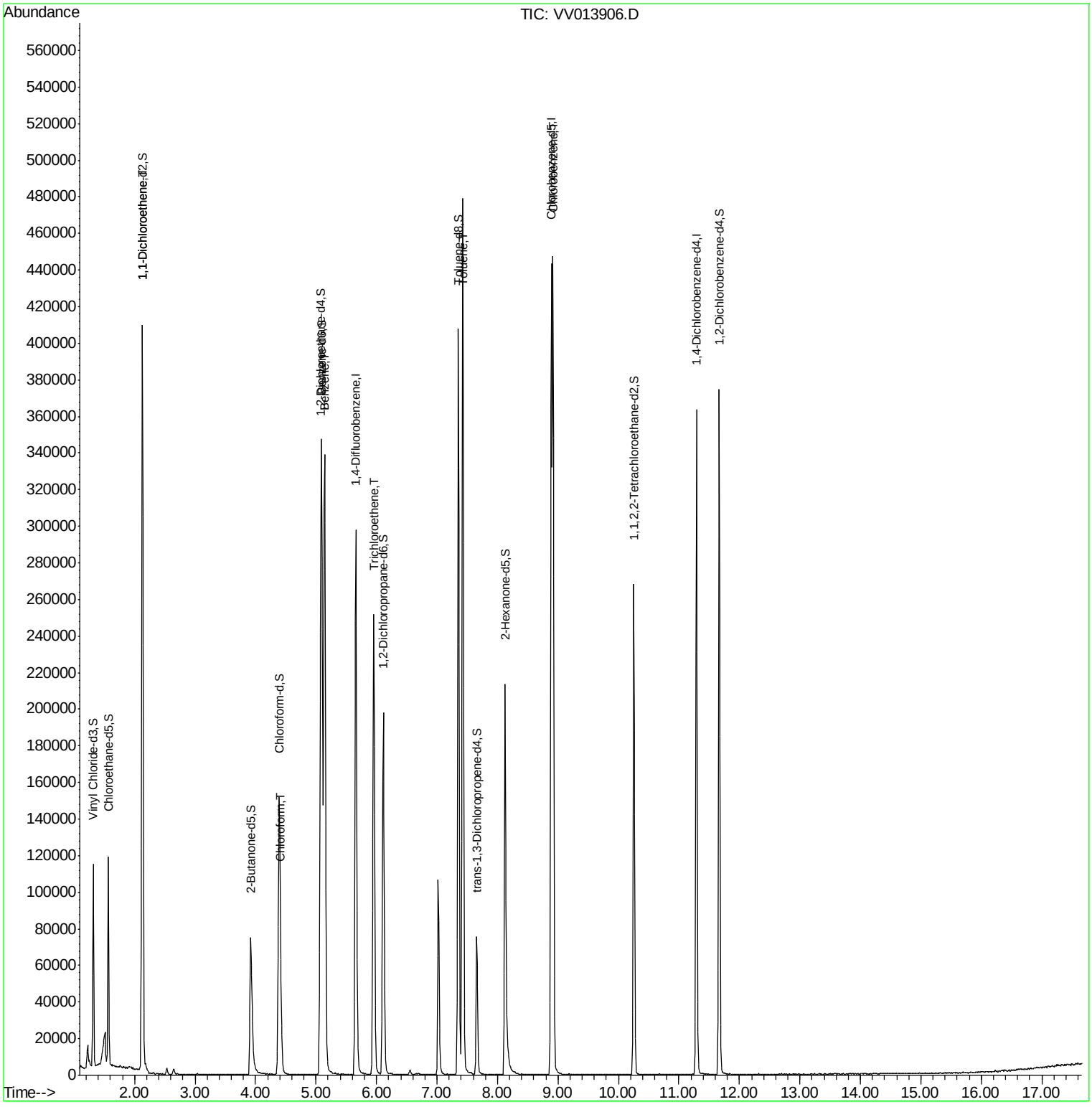
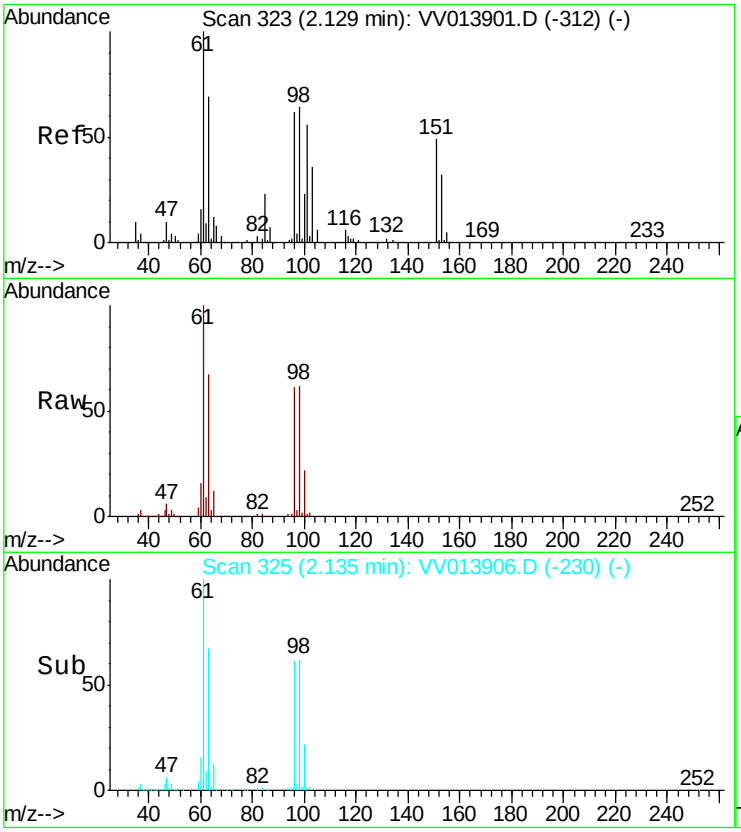
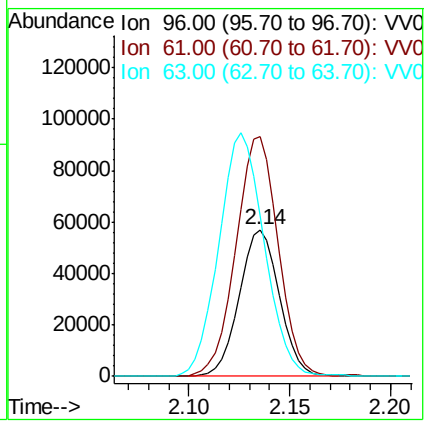


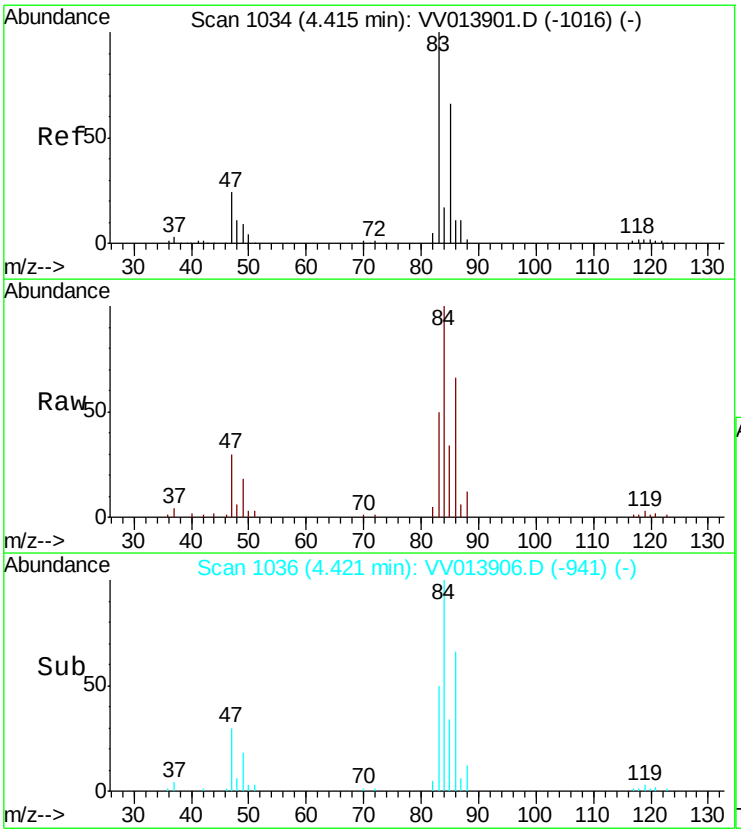


#12
1,1-Dichloroethene
Concen: 82.727 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 96 Resp: 79582

Ion	Ratio	Lower	Upper
96	100		
61	163.4	120.0	223.0
63	109.5	98.3	182.7

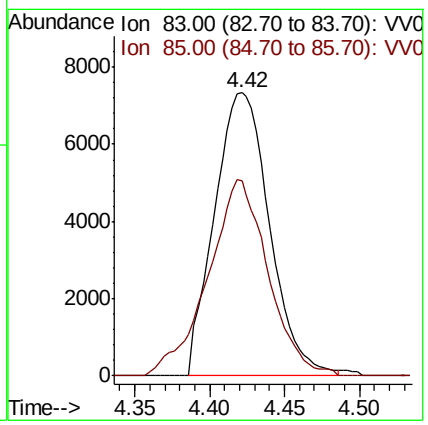


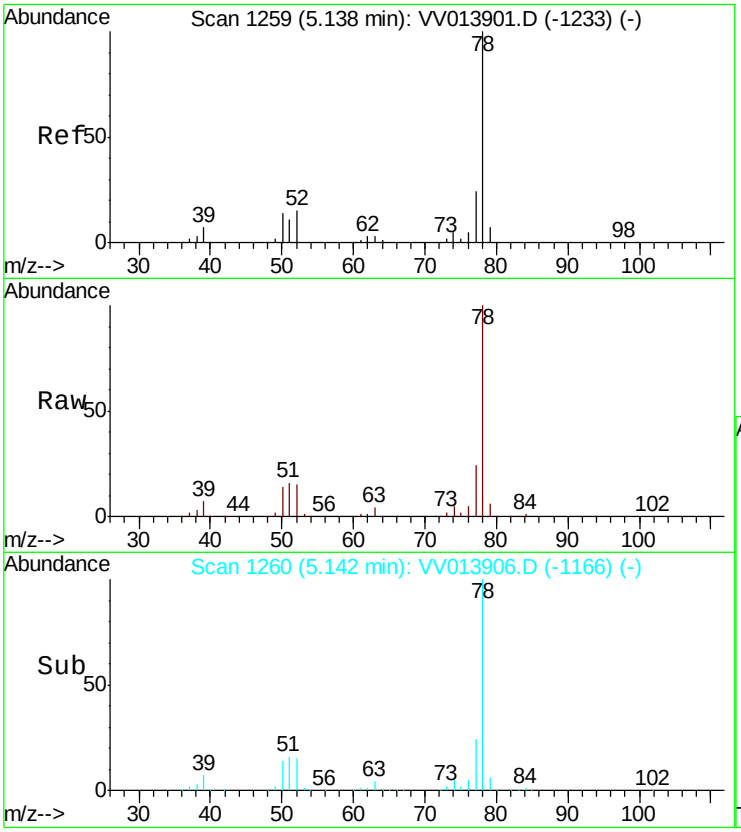


#25
Chloroform
Concen: 6.693 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 83 Resp: 18793

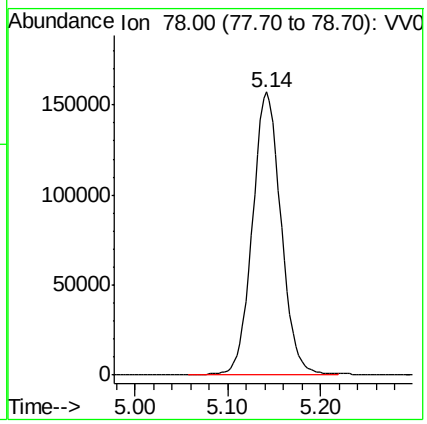
Ion	Ratio	Lower	Upper
83	100		
85	68.8	45.8	85.2

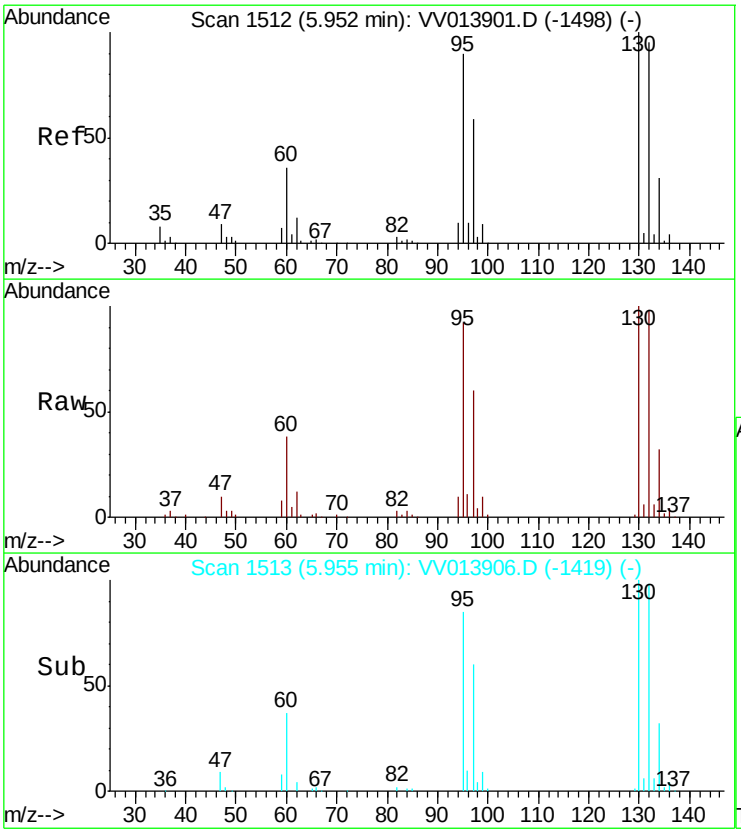




#33
Benzene
Concen: 61.959 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 78 Resp: 338406

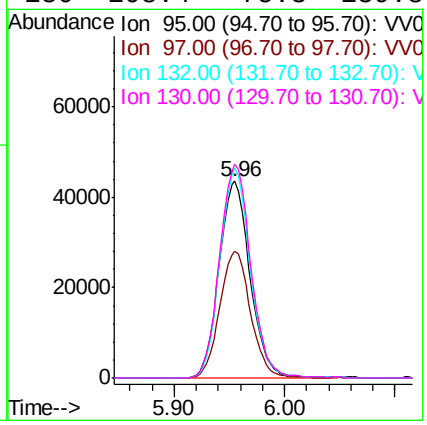


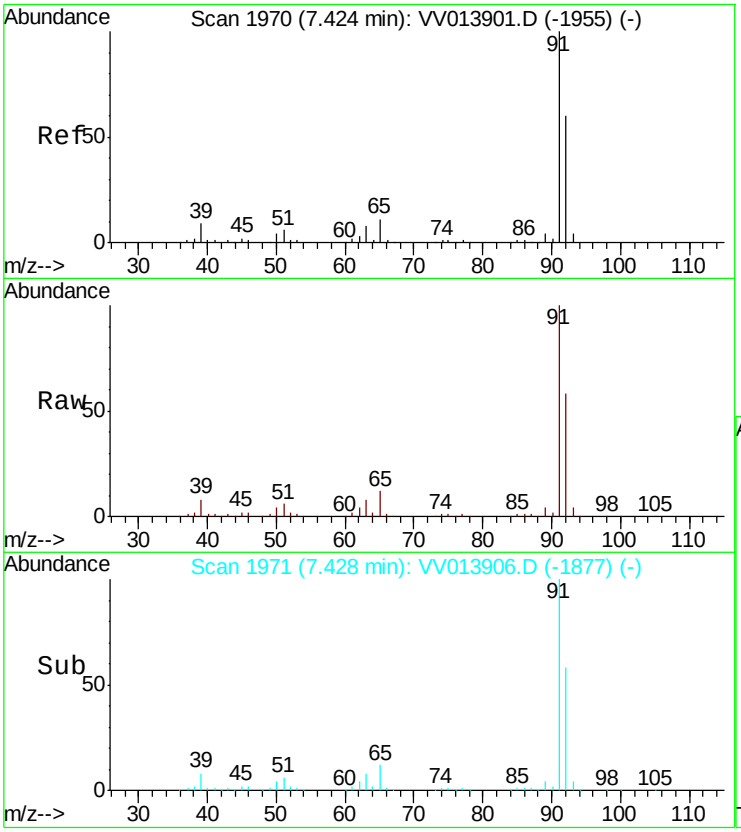


#34
Trichloroethene
Concen: 56.022 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 95 Resp: 85047

Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.4	80.6
132	106.5	73.1	135.8
130	108.4	75.3	139.8

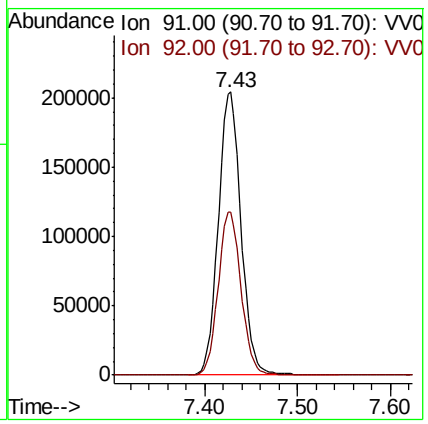


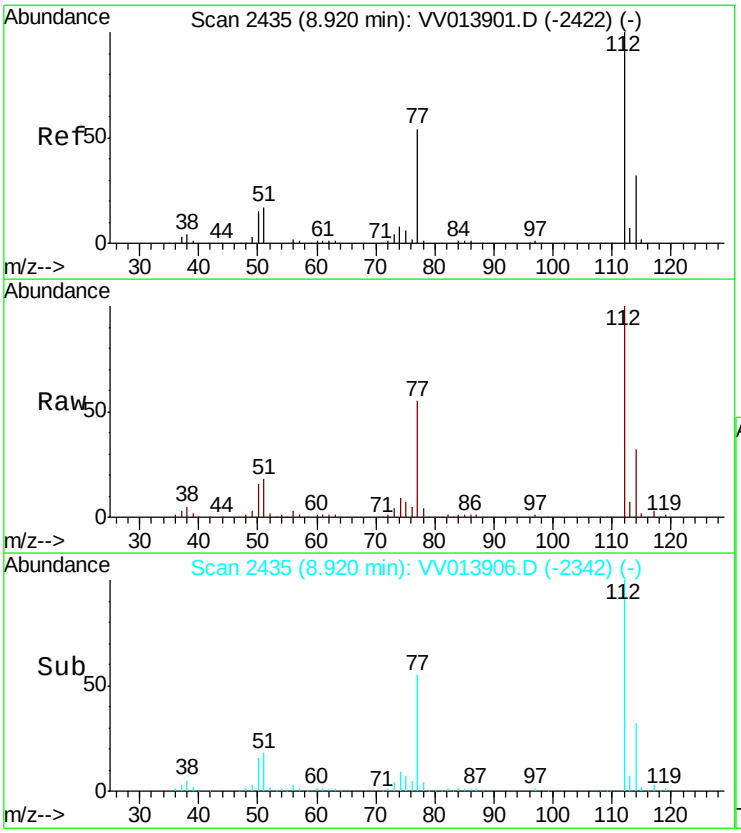


#42
Toluene
Concen: 57.103 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion: 91 Resp: 346554

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.1	74.5





#51
Chlorobenzene
Concen: 57.797 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013906.D
Acq: 04 Dec 2019 16:15

Tgt Ion:112 Resp: 236491

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.8	42.4
77	54.8	44.7	67.1