Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120419\
Data File : VV013905.D
Acq On : 04 Dec 2019 15:51
Operator : SY/MD
Sample : K4649-07MS
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 05 01:49:52 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	263103	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	232458	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	99245	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	77619	53.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.94%			
7) Chloroethane-d5	1.57	69	72246	70.77	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 141.54%#			
11) 1,1-Dichloroethene-d2	2.13	63	151409	60.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 121.44%			
21) 2-Butanone-d5	3.92	46	108691	103.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.72%			
24) Chloroform-d	4.39	84	150259	41.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.28%			
26) 1,2-Dichloroethane-d4	5.07	65	96495	41.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.26%			
32) Benzene-d6	5.09	84	307233	45.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.84%			
36) 1,2-Dichloropropane-d6	6.11	67	95487	49.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.56%			
41) Toluene-d8	7.35	98	258658	40.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.20%			
43) trans-1,3-Dichloropropene-	7.66	79	41783	37.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.84%			
47) 2-Hexanone-d5	8.13	63	63034	78.33	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 78.33%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	123941	45.38	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.76%			
66) 1,2-Dichlorobenzene-d4	11.67	152	106481	45.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.24%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	79108	82.757	ug/L	84
25) Chloroform	4.42	83	20007	7.171	ug/L	100
33) Benzene	5.14	78	337848	63.137	ug/L	100
34) Trichloroethene	5.95	95	87966	59.144	ug/L	97
42) Toluene	7.42	91	340136	57.206	ug/L	98
51) Chlorobenzene	8.92	112	234615	58.526	ug/L	99

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

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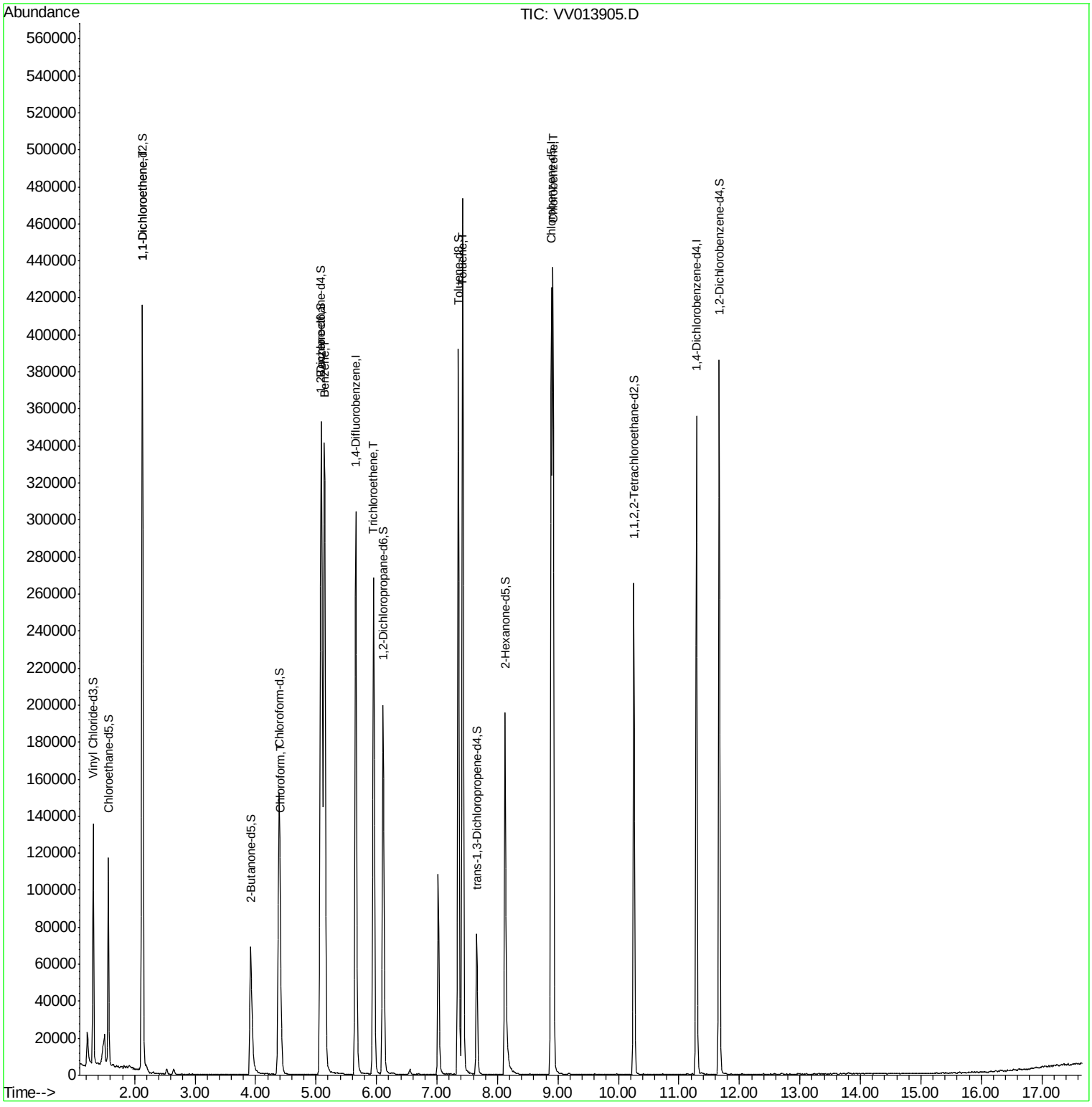
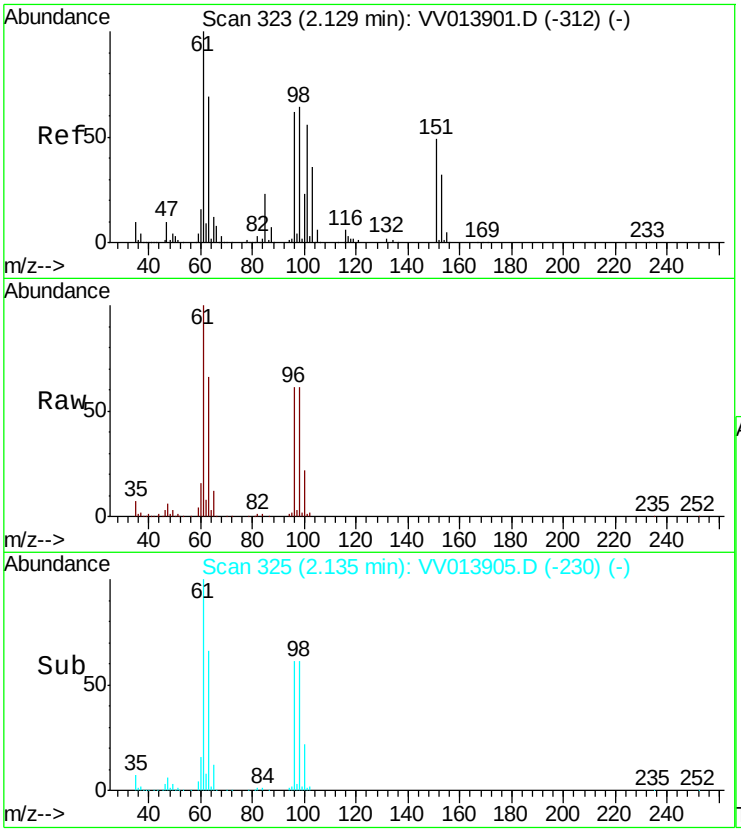
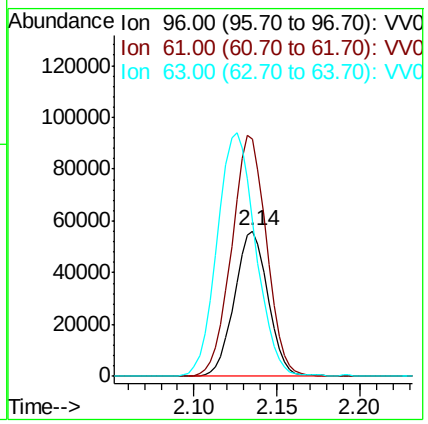


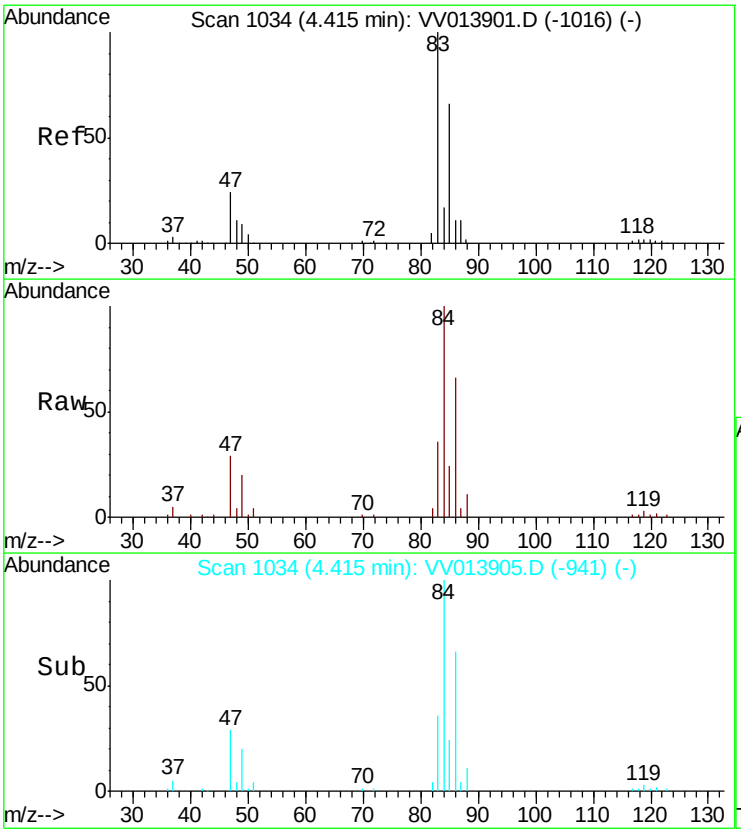


#12
1,1-Dichloroethene
Concen: 82.757 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV013905.D
Acq: 04 Dec 2019 15:51

Tgt Ion: 96 Resp: 79108

Ion	Ratio	Lower	Upper
96	100		
61	162.8	120.0	223.0
63	106.7	98.3	182.7

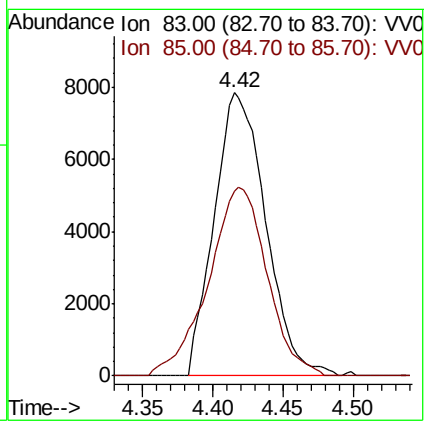


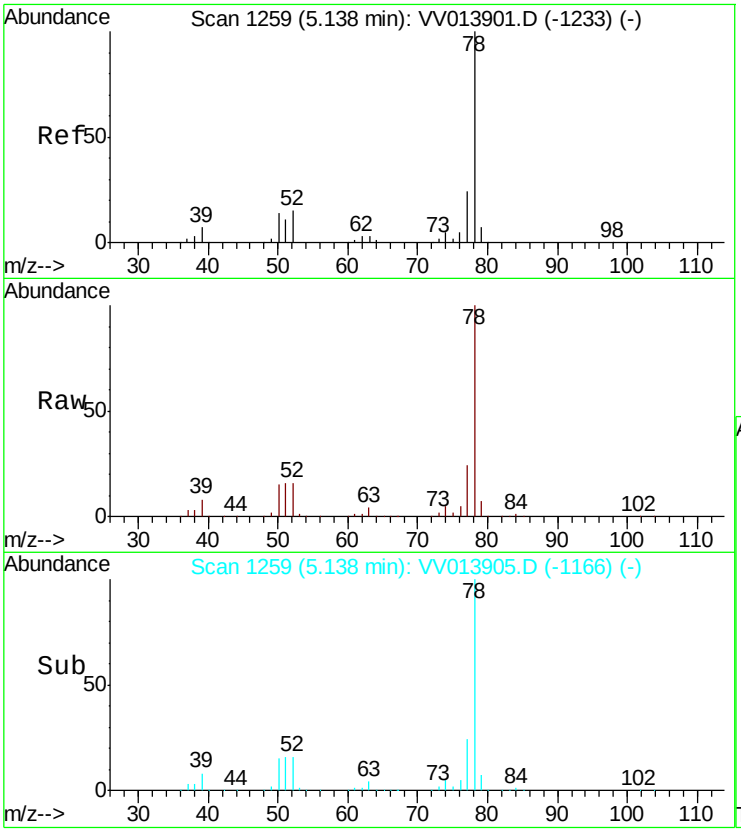


#25
Chloroform
Concen: 7.171 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VV013905.D
Acq: 04 Dec 2019 15:51

Tgt Ion: 83 Resp: 20007

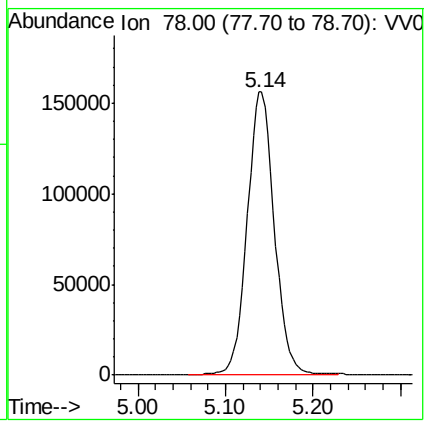
Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.8	85.2

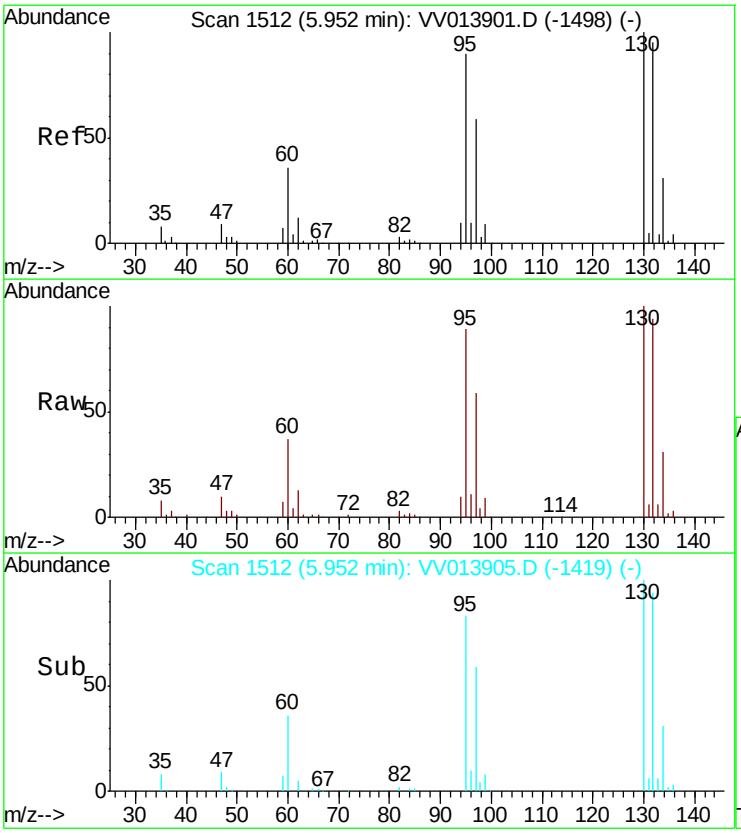




#33
Benzene
Concen: 63.137 ug/L
RT: 5.14 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VV013905.D
Acq: 04 Dec 2019 15:51

Tgt Ion: 78 Resp: 337848

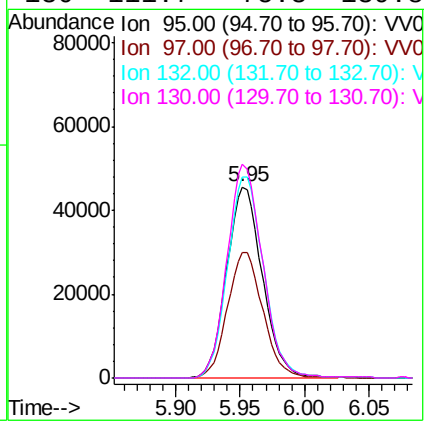


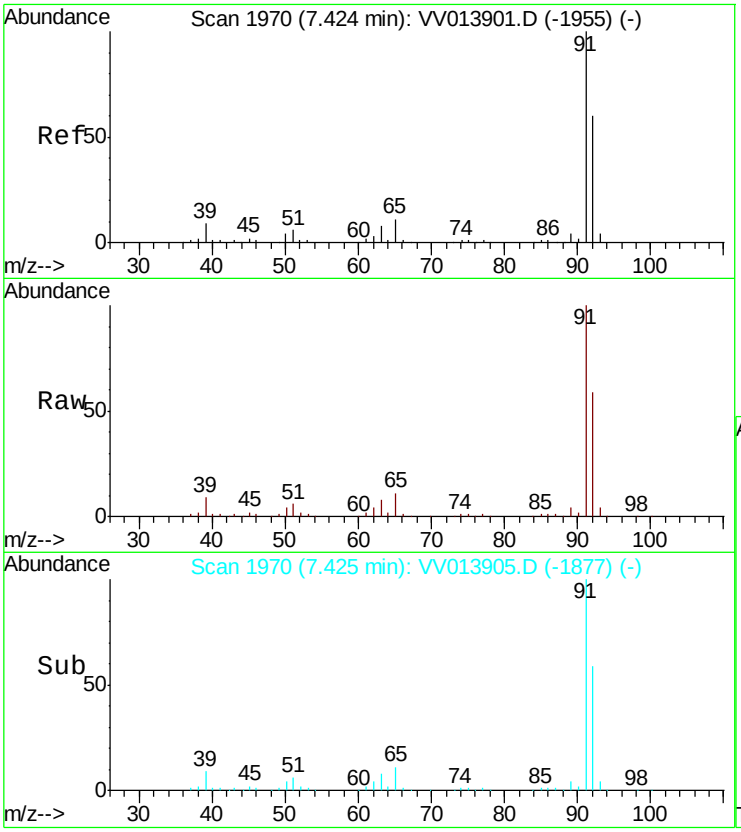


#34
Trichloroethene
Concen: 59.144 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VV013905.D
Acq: 04 Dec 2019 15:51

Tgt Ion: 95 Resp: 87966

Ion	Ratio	Lower	Upper
95	100		
97	65.8	43.4	80.6
132	105.3	73.1	135.8
130	111.7	75.3	139.8

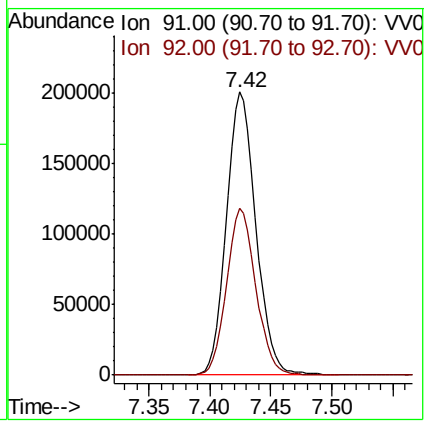


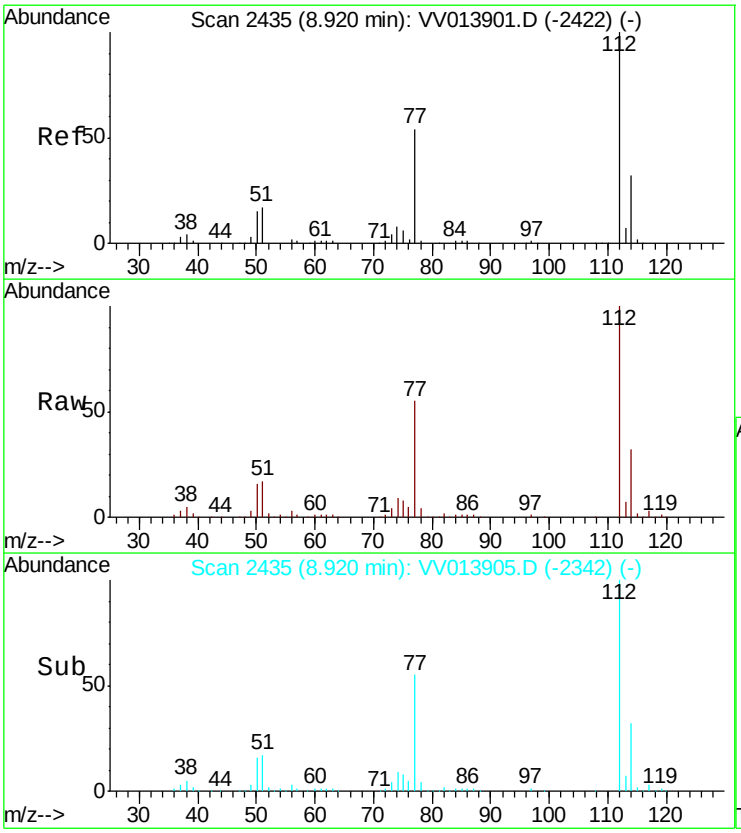


#42
Toluene
Concen: 57.206 ug/L
RT: 7.42 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VV013905.D
Acq: 04 Dec 2019 15:51

Tgt Ion: 91 Resp: 340136

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.1	74.5





#51
Chlorobenzene
Concen: 58.526 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013905.D
Acq: 04 Dec 2019 15:51

Tgt Ion:112 Resp: 234615

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.8	42.4
77	55.2	44.7	67.1