Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
Data File : VU025508.D
Acq On : 18 Jul 2018 19:54
Operator : MD/SY
Sample : J4039-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 19 01:10:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 19 01:07:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	317301	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133791	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57226	38.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.48%			
7) Chloroethane-d5	1.68	69	53935	42.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.62%			
11) 1,1-Dichloroethene-d2	2.28	63	151893	46.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.46%			
21) 2-Butanone-d5	4.18	46	142653	89.59	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.59%			
24) Chloroform-d	4.65	84	172416	44.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.84%			
26) 1,2-Dichloroethane-d4	5.31	65	120110	45.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.94%			
32) Benzene-d6	5.35	84	317545	45.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.46%			
36) 1,2-Dichloropropane-d6	6.33	67	108730	47.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.56%			
41) Toluene-d8	7.57	98	295648	43.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.98%			
43) trans-1,3-Dichloropropene-	7.85	79	51163	42.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.48%			
47) 2-Hexanone-d5	8.31	63	103464	86.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.79%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	157305	46.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	125196	46.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	88613	51.525	ug/L	92
13) Acetone	2.32	43	6444	4.635	ug/L	94
33) Benzene	5.39	78	418184	49.193	ug/L	100
34) Trichloroethene	6.19	95	106563	47.355	ug/L	97
37) 1,2-Dichloropropane	6.33	63	12487	5.325	ug/L #	88
42) Toluene	7.64	91	448514	49.483	ug/L	100
51) Chlorobenzene	9.12	112	294744	48.463	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	14537	4.662	ug/L #	81

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

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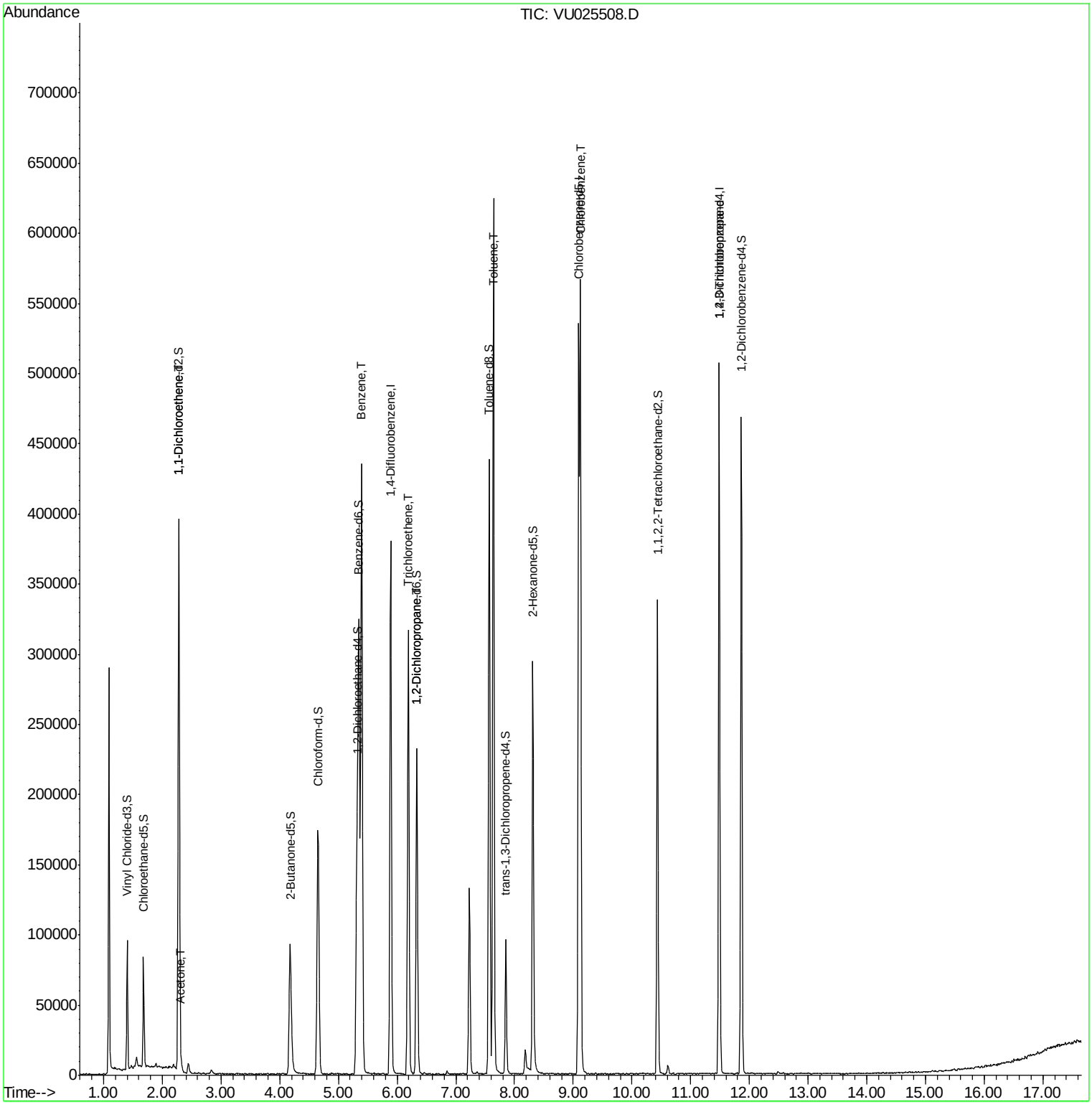
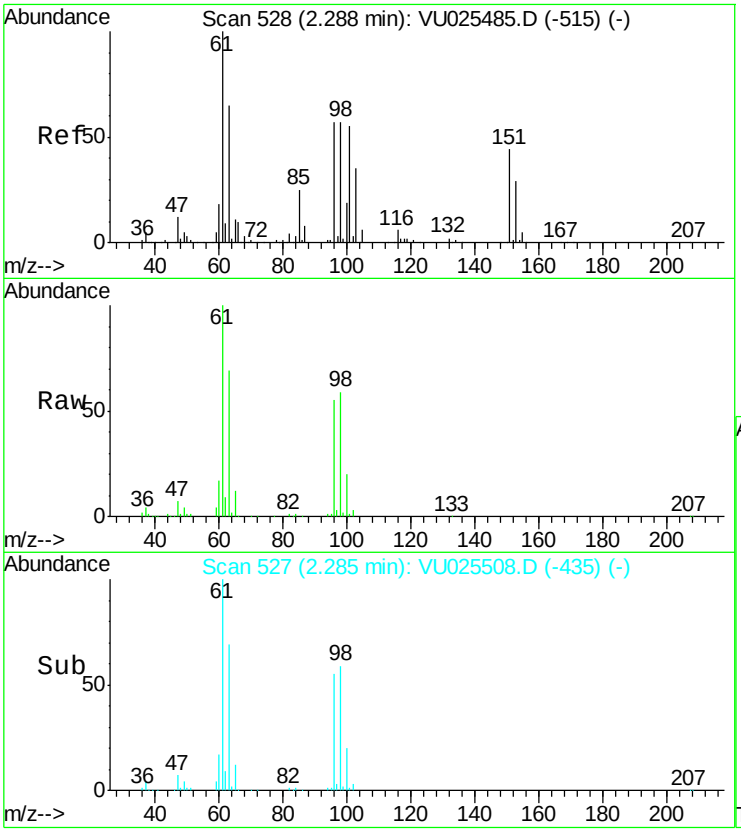
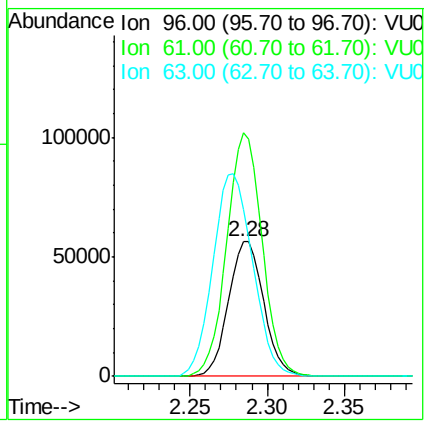


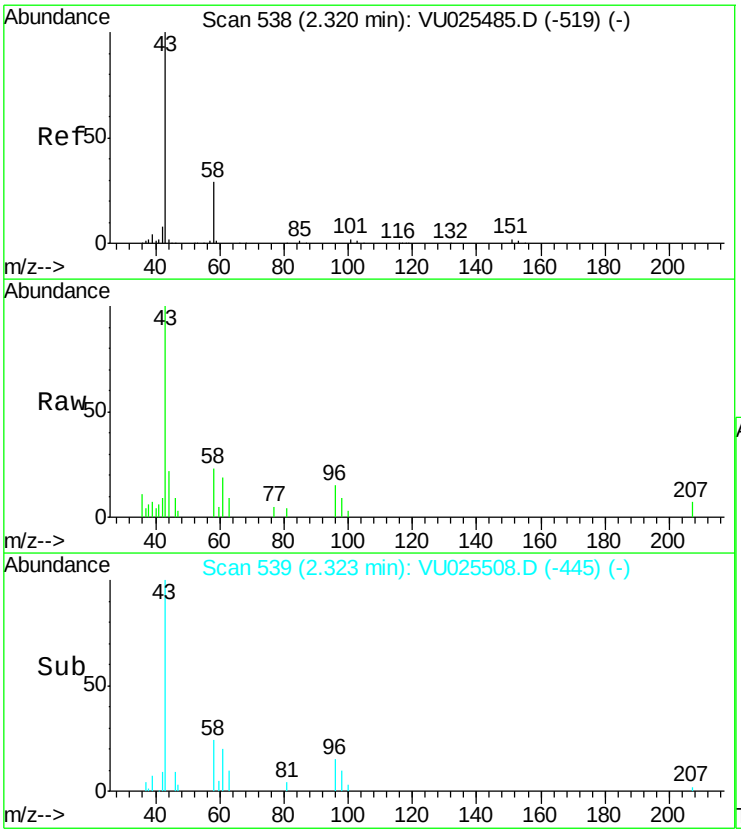


#12
1,1-Dichloroethene
Concen: 51.525 ug/L
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU025508.D
Acq: 18 Jul 2018 19:54

Tgt Ion: 96 Resp: 88613

Ion	Ratio	Lower	Upper
96	100		
61	181.0	120.6	224.0
63	124.4	79.3	147.3

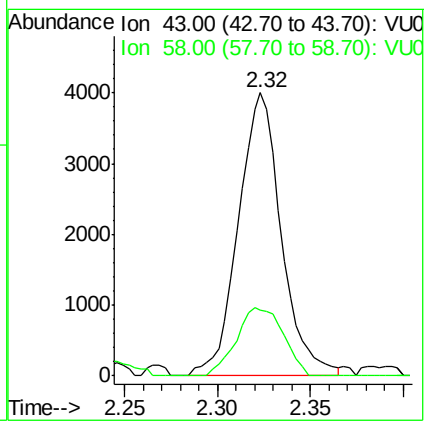


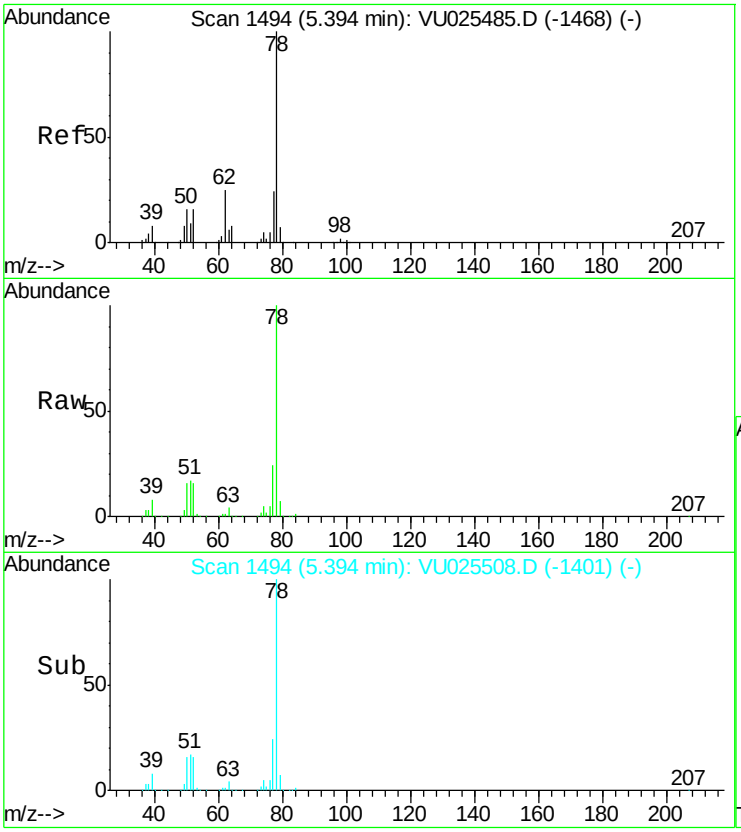


#13
Acetone
Concen: 4.635 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025508.D
Acq: 18 Jul 2018 19:54

Tgt Ion: 43 Resp: 6444

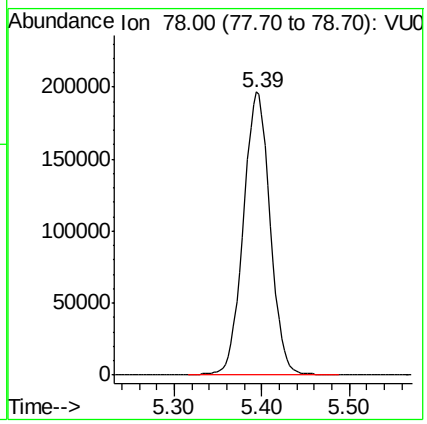
Ion	Ratio	Lower	Upper
43	100		
58	26.1	0.0	59.0

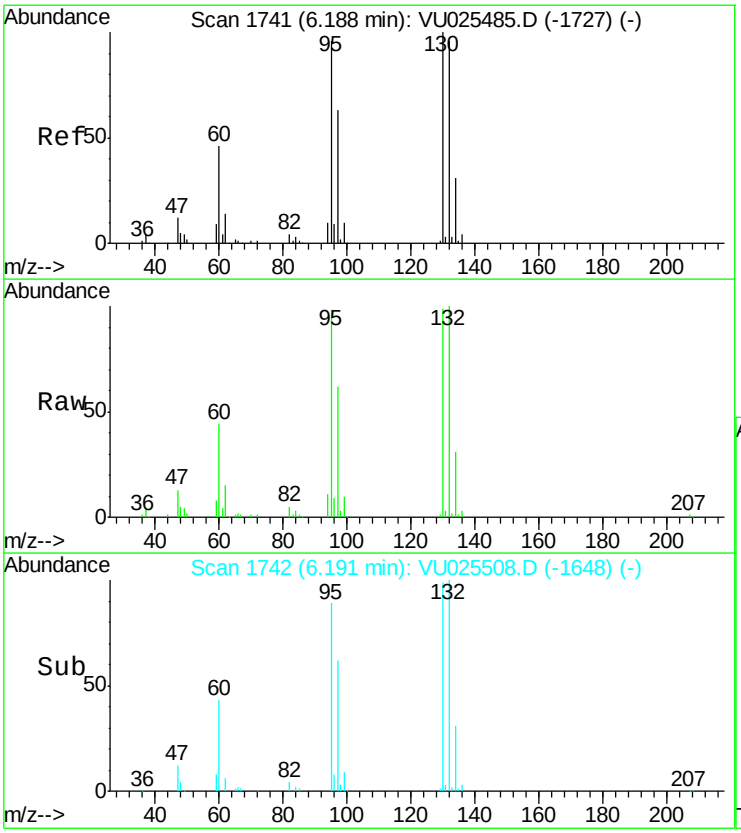




#33
Benzene
Concen: 49.193 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025508.D
Acq: 18 Jul 2018 19:54

Tgt Ion: 78 Resp: 418184

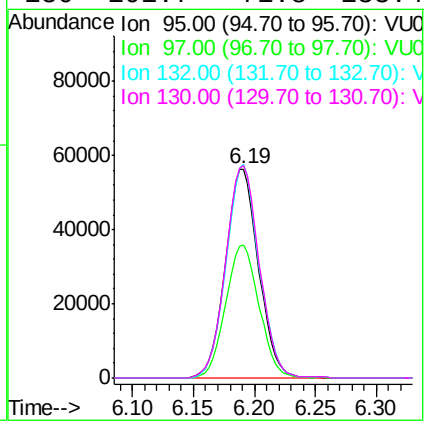


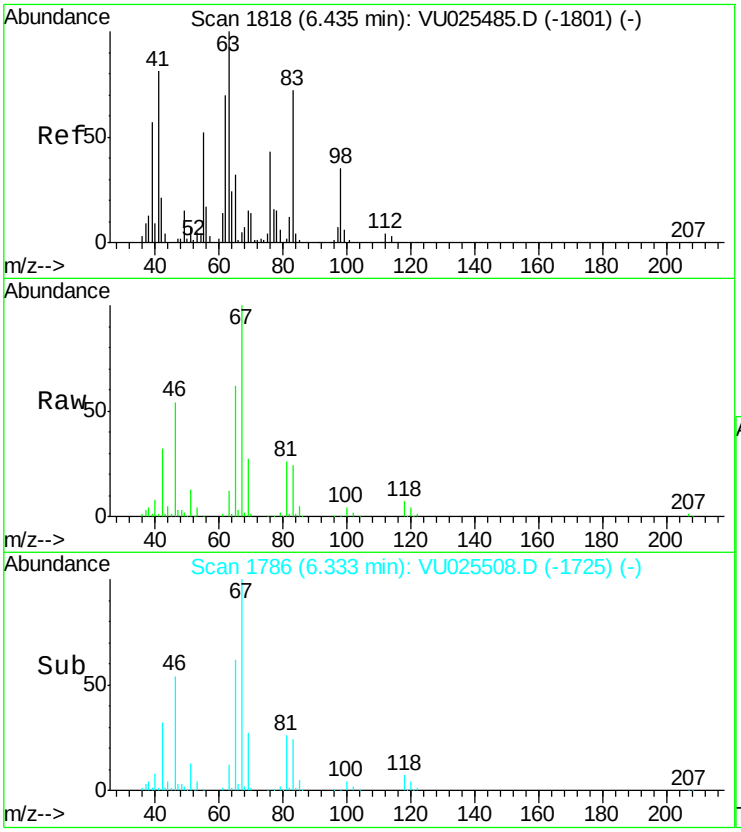


#34
Trichloroethene
Concen: 47.355 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025508.D
Acq: 18 Jul 2018 19:54

Tgt Ion: 95 Resp: 106563

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.9	85.3
132	102.3	68.2	126.6
130	101.7	71.8	133.4

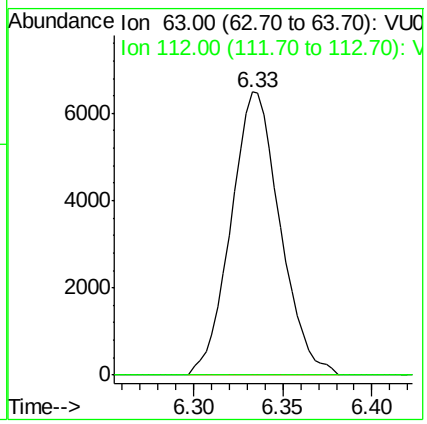


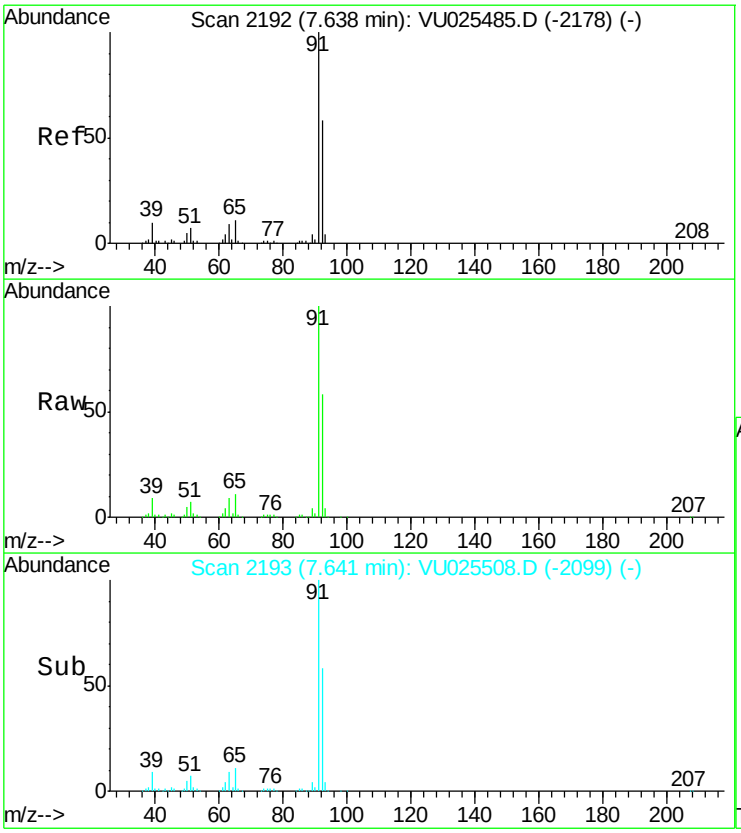


#37
1,2-Dichloropropane
Concen: 5.325 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU025508.D
Acq: 18 Jul 2018 19:54

Tgt Ion: 63 Resp: 12487

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

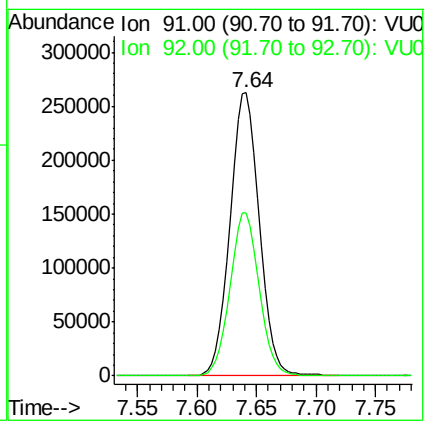


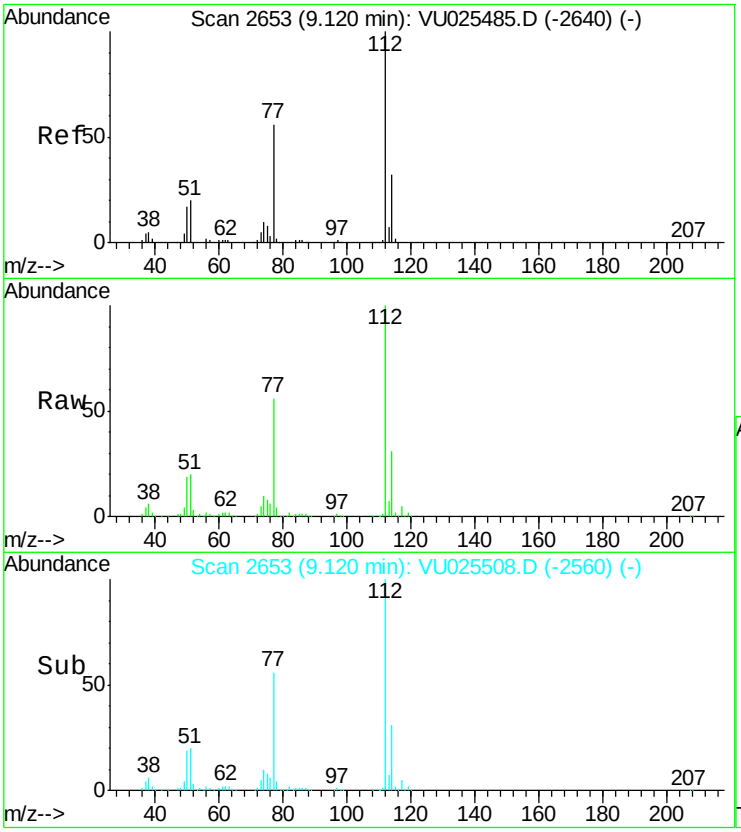


#42
Toluene
Concen: 49.483 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025508.D
Acq: 18 Jul 2018 19:54

Tgt Ion: 91 Resp: 448514

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.5	75.1

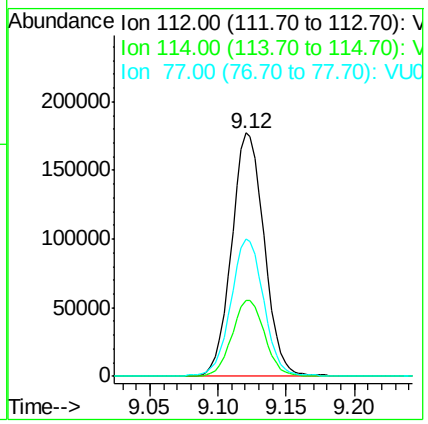


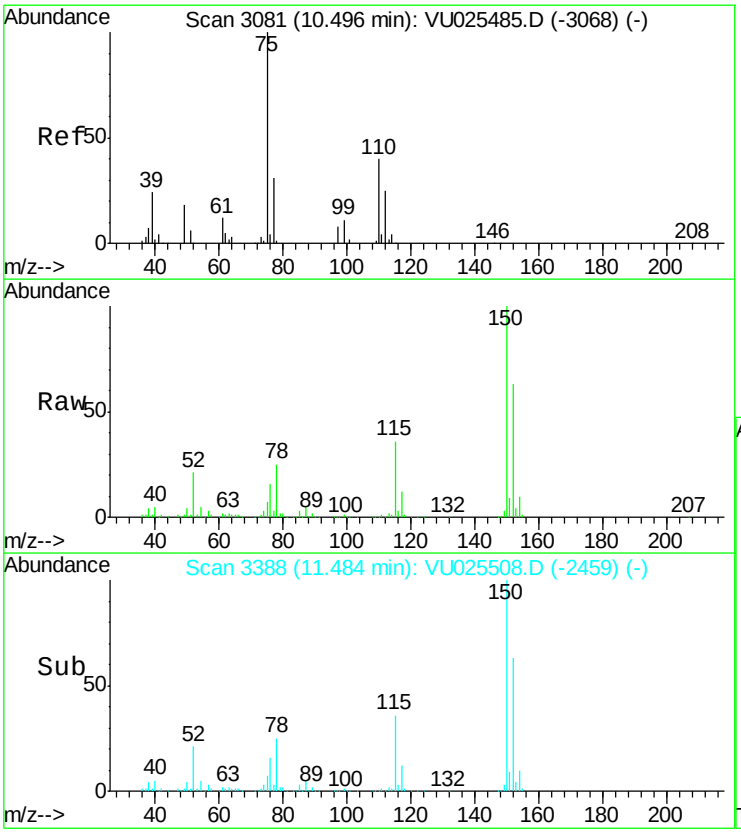


#51
Chlorobenzene
Concen: 48.463 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU025508.D
Acq: 18 Jul 2018 19:54

Tgt Ion:112 Resp: 294744

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.8	42.4
77	56.5	45.8	68.8





#59
1,2,3-Trichloropropane
Concen: 4.662 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU025508.D
Acq: 18 Jul 2018 19:54

Tgt Ion: 75 Resp: 14537

Ion	Ratio	Lower	Upper
75	100		
77	43.6	26.2	39.2#