Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
Data File : VU025509.D
Acq On : 18 Jul 2018 20:17
Operator : MD/SY
Sample : J4039-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 19 01:10:17 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	320211	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136664	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57506	38.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.16%			
7) Chloroethane-d5	1.68	69	55239	42.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.88%			
11) 1,1-Dichloroethene-d2	2.28	63	151423	45.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.34%			
21) 2-Butanone-d5	4.18	46	141616	88.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.13%			
24) Chloroform-d	4.65	84	169667	43.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.62%			
26) 1,2-Dichloroethane-d4	5.31	65	118591	44.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.96%			
32) Benzene-d6	5.35	84	317592	45.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.06%			
36) 1,2-Dichloropropane-d6	6.34	67	108965	46.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.30%			
41) Toluene-d8	7.57	98	296761	43.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.94%			
43) trans-1,3-Dichloropropene-	7.85	79	51459	42.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.64%			
47) 2-Hexanone-d5	8.31	63	102438	84.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.59%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155458	44.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.66%			
64) 1,2-Dichlorobenzene-d4	11.86	152	127789	46.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.32%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.29	96	88120	50.772	ug/L	95
13) Acetone	2.32	43	5688	4.054	ug/L	72
33) Benzene	5.39	78	424251	49.133	ug/L	100
34) Trichloroethene	6.19	95	108239	47.354	ug/L	97
37) 1,2-Dichloropropane	6.33	63	12937	5.431	ug/L #	88
42) Toluene	7.64	91	459793	49.940	ug/L	98
51) Chlorobenzene	9.12	112	296640	48.018	ug/L	100
59) 1,2,3-Trichloropropane	11.49	75	14615	4.614	ug/L #	82

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

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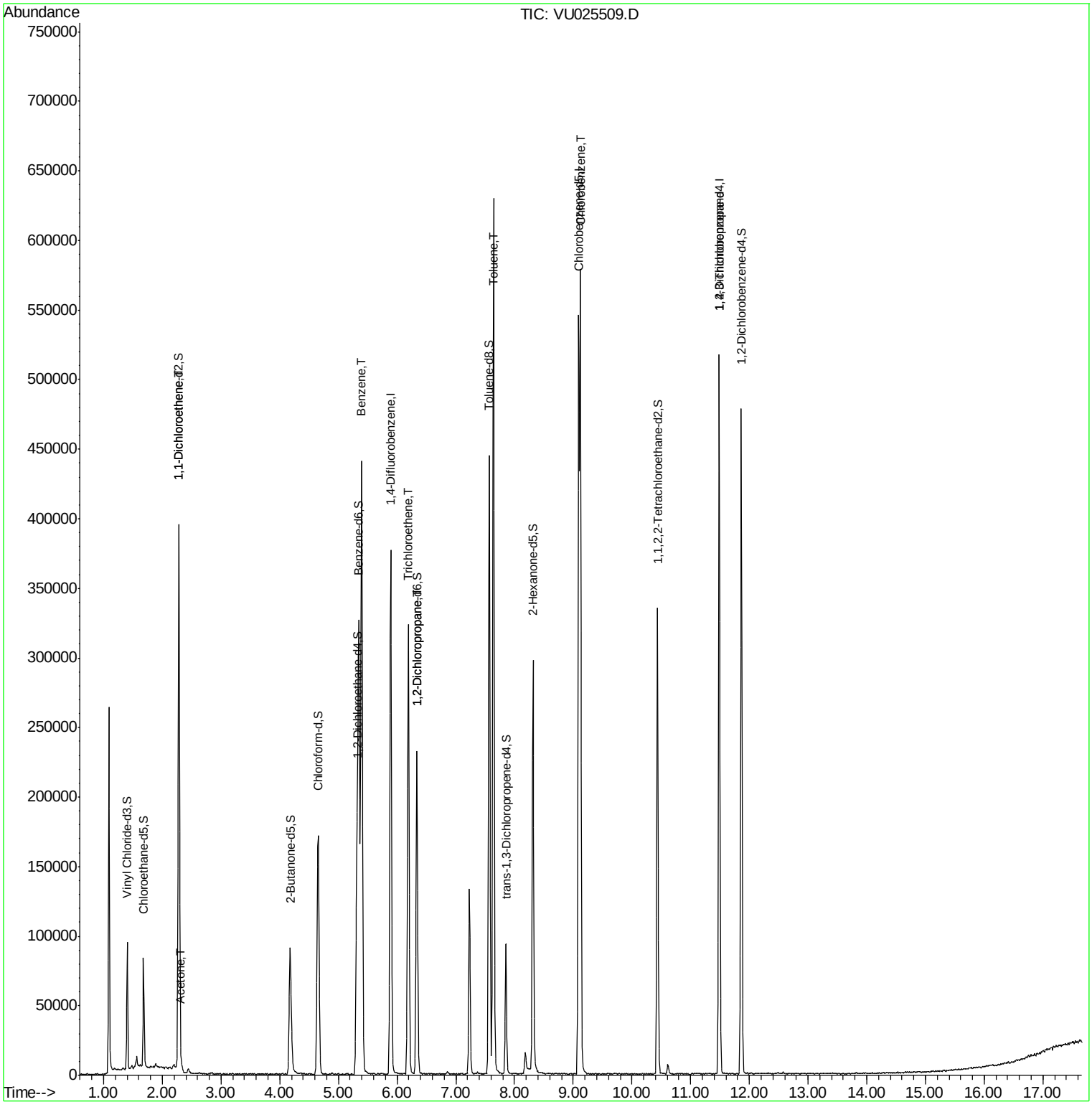
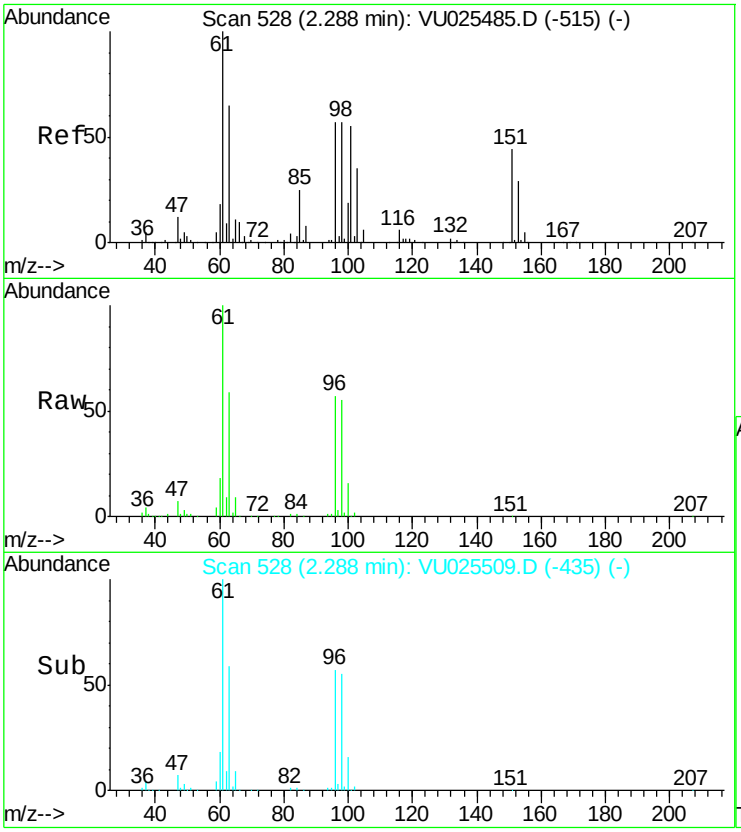
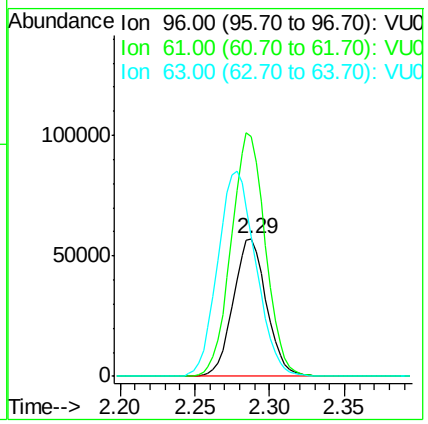


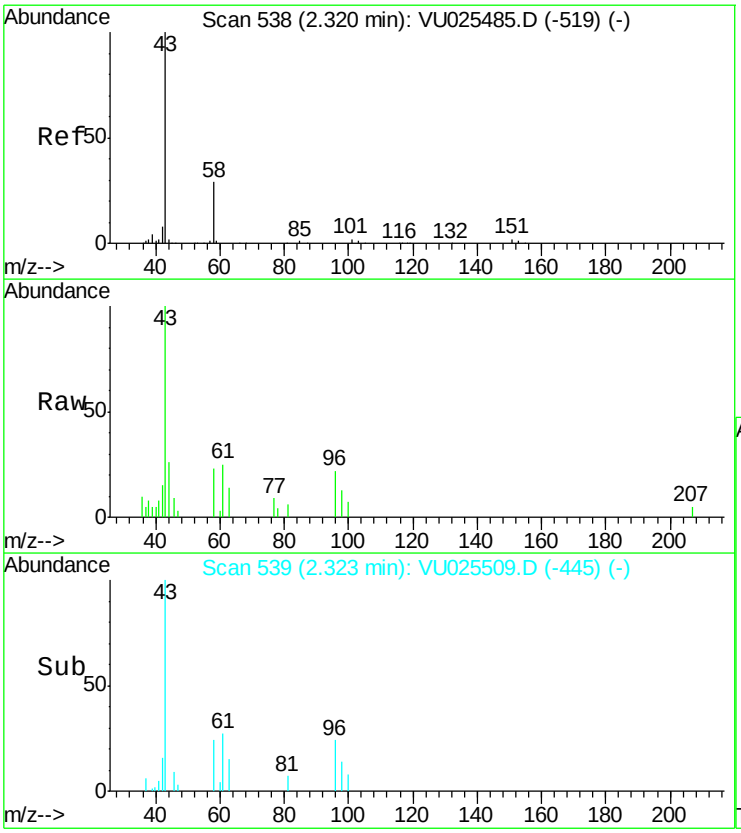


#12
1,1-Dichloroethene
Concen: 50.772 ug/L
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025509.D
Acq: 18 Jul 2018 20:17

Tgt Ion: 96 Resp: 88120

Ion	Ratio	Lower	Upper
96	100		
61	174.0	120.6	224.0
63	102.2	79.3	147.3

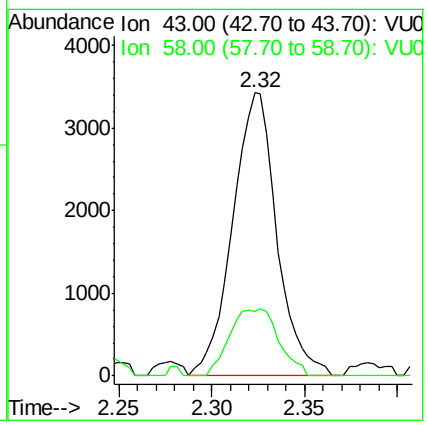


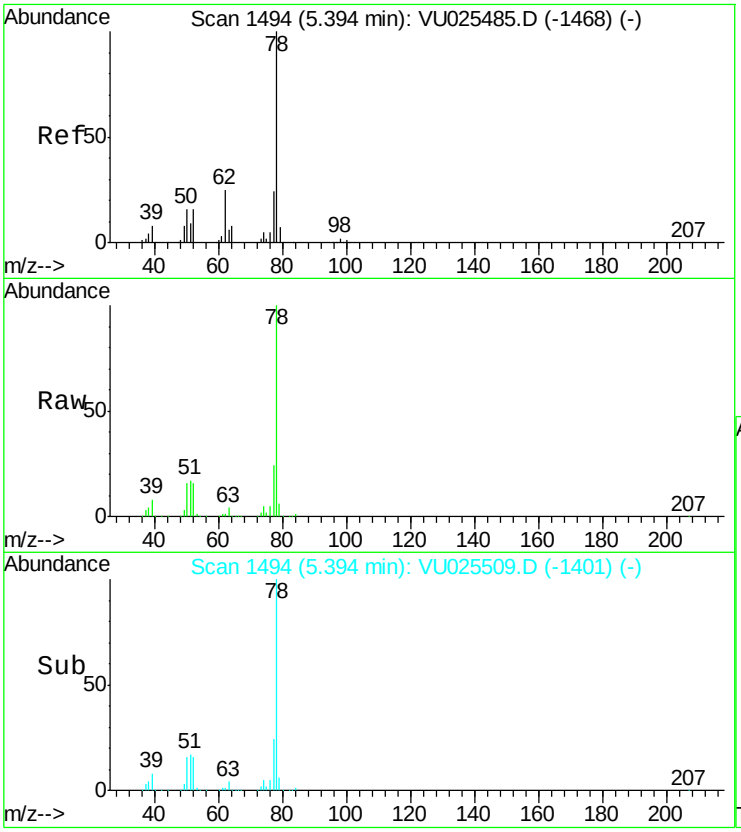


#13
Acetone
Concen: 4.054 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025509.D
Acq: 18 Jul 2018 20:17

Tgt Ion: 43 Resp: 5688

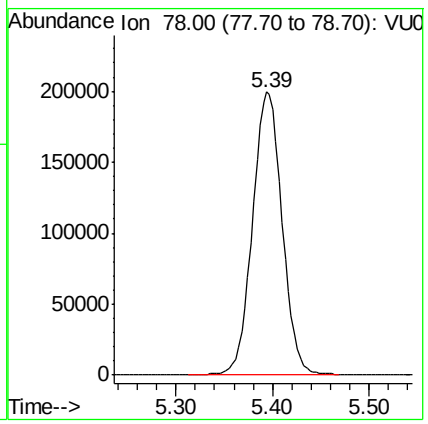
Ion	Ratio	Lower	Upper
43	100		
58	14.4	0.0	59.0

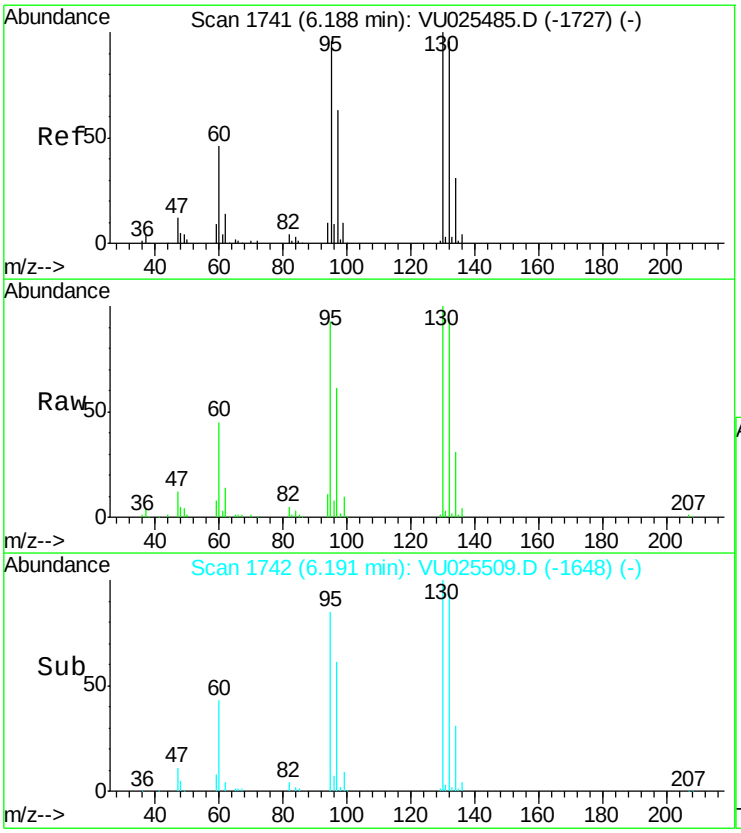




#33
Benzene
Concen: 49.133 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025509.D
Acq: 18 Jul 2018 20:17

Tgt Ion: 78 Resp: 424251

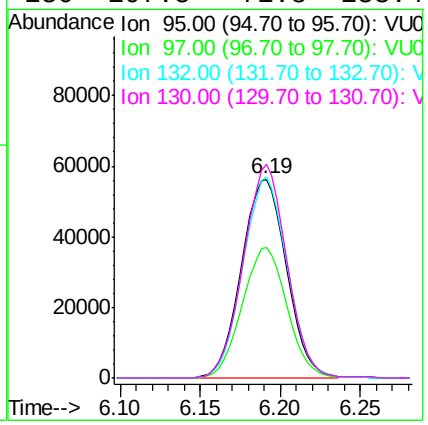


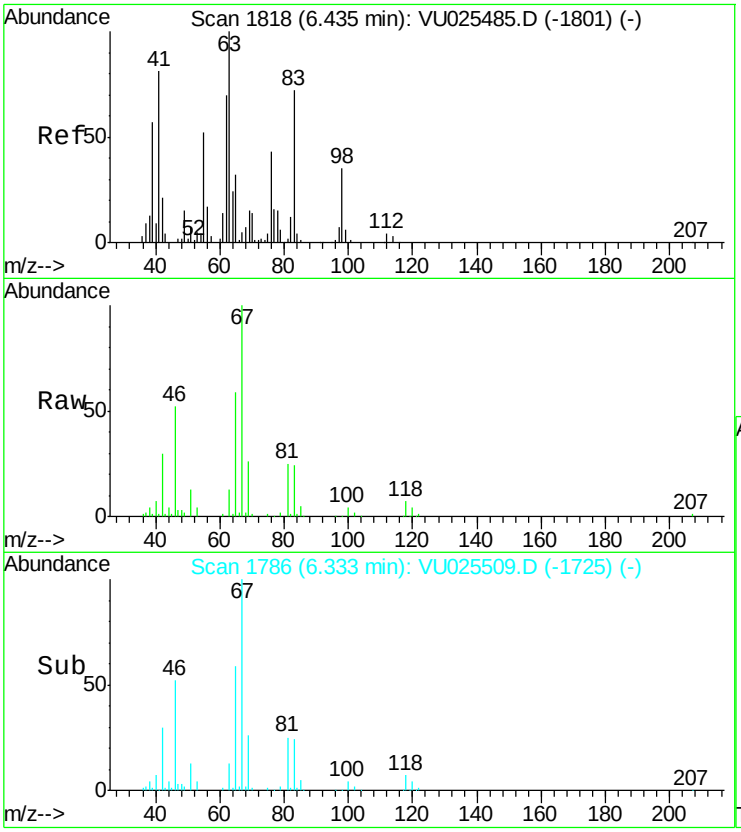


#34
Trichloroethene
Concen: 47.354 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025509.D
Acq: 18 Jul 2018 20:17

Tgt Ion: 95 Resp: 108239

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.9	85.3
132	101.4	68.2	126.6
130	107.5	71.8	133.4

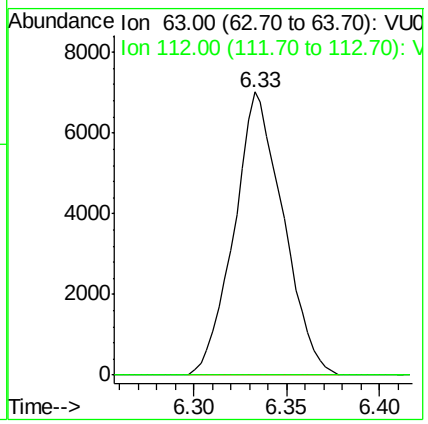


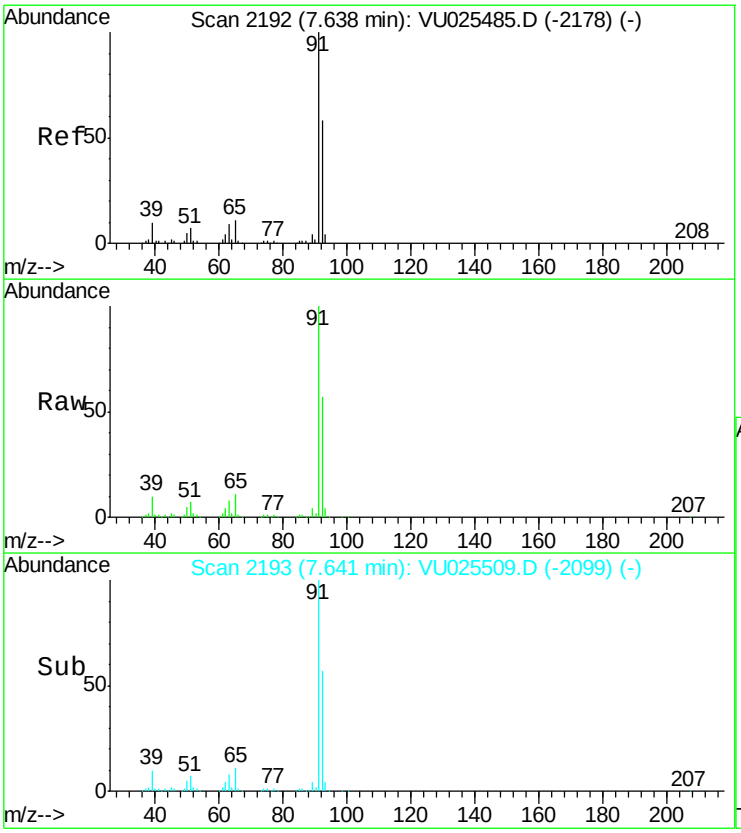


#37
1,2-Dichloropropane
Concen: 5.431 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU025509.D
Acq: 18 Jul 2018 20:17

Tgt Ion: 63 Resp: 12937

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

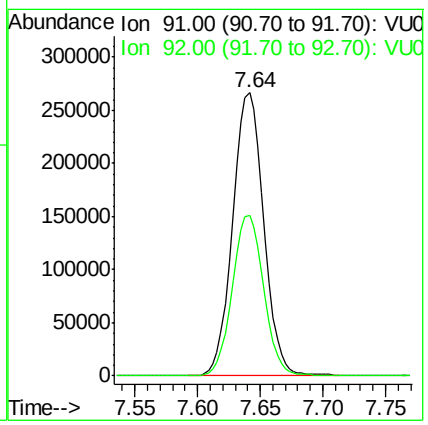


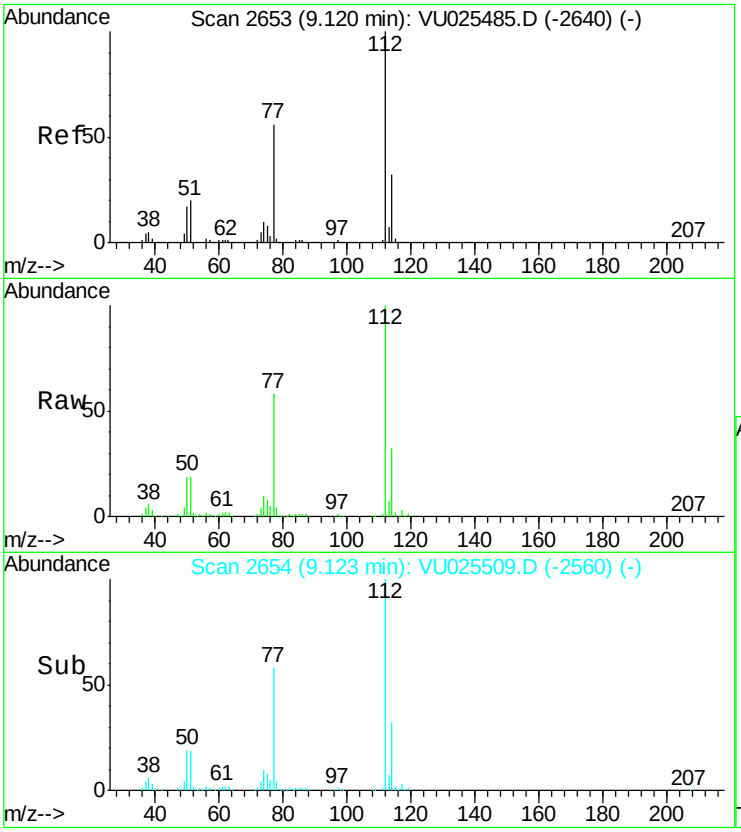


#42
Toluene
Concen: 49.940 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025509.D
Acq: 18 Jul 2018 20:17

Tgt Ion: 91 Resp: 459793

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.5	75.1

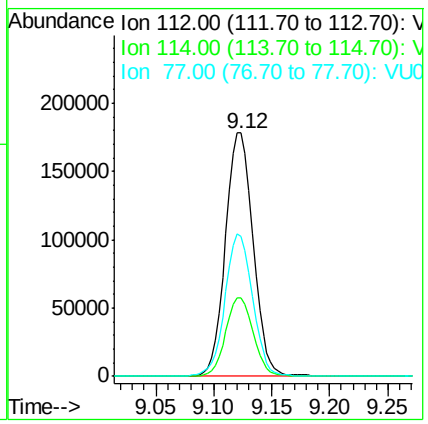


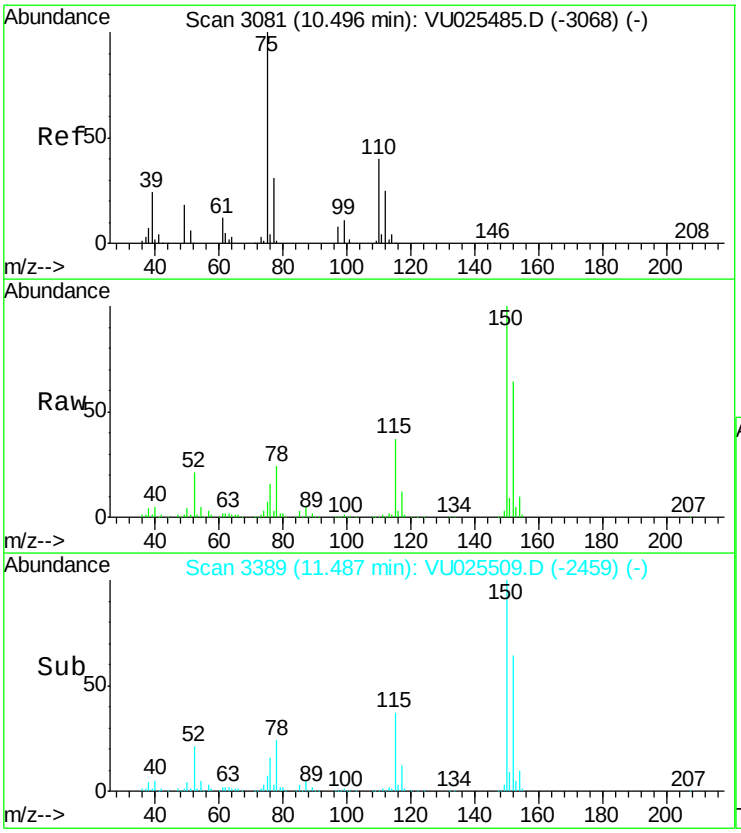


#51
Chlorobenzene
Concen: 48.018 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025509.D
Acq: 18 Jul 2018 20:17

Tgt Ion:112 Resp: 296640

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.8	42.4
77	57.6	45.8	68.8





#59
1,2,3-Trichloropropane
Concen: 4.614 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU025509.D
Acq: 18 Jul 2018 20:17

Tgt Ion: 75 Resp: 14615

Ion	Ratio	Lower	Upper
75	100		
77	42.9	26.2	39.2#