Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
Data File : VU025497.D
Acq On : 18 Jul 2018 15:14
Operator : MD/SY
Sample : J3986-09MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 19 01:09:18 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	321317	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	295201	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138050	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	62563	41.29	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.58%				
7) Chloroethane-d5	1.68	69	59270	45.91	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.82%				
11) 1,1-Dichloroethene-d2	2.28	63	162195	48.75	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.50%				
21) 2-Butanone-d5	4.18	46	144904	89.87	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.87%				
24) Chloroform-d	4.65	84	175506	44.65	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.30%				
26) 1,2-Dichloroethane-d4	5.31	65	124294	46.46	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.92%				
32) Benzene-d6	5.35	84	336045	47.11	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.22%				
36) 1,2-Dichloropropane-d6	6.34	67	112967	47.82	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.64%				
41) Toluene-d8	7.57	98	314375	45.53	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.06%				
43) trans-1,3-Dichloropropene-	7.85	79	54746	44.52	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.04%				
47) 2-Hexanone-d5	8.31	63	104515	85.33	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.33%				
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155565	44.35	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.70%				
64) 1,2-Dichlorobenzene-d4	11.86	152	133147	48.13	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.26%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	2.29	96	90422	51.919	ug/L		96
13) Acetone	2.32	43	3275	2.326	ug/L		90
17) trans-1,2-Dichloroethene	2.99	96	2501	1.214	ug/L		93
20) cis-1,2-Dichloroethene	4.23	96	301581	119.573	ug/L		99
27) 1,2-Dichloroethane	5.39	62	4701	1.307	ug/L	#	77
33) Benzene	5.39	78	432362	49.507	ug/L		100
34) Trichloroethene	6.19	95	250096	108.180	ug/L		99
37) 1,2-Dichloropropane	6.33	63	12719	5.279	ug/L	#	88
42) Toluene	7.64	91	468154	50.274	ug/L		98
48) 2-Hexanone	8.31	43	12386	4.437	ug/L	#	47
51) Chlorobenzene	9.12	112	305801	48.942	ug/L		99
59) 1,2,3-Trichloropropane	11.49	75	15093	4.711	ug/L		89

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

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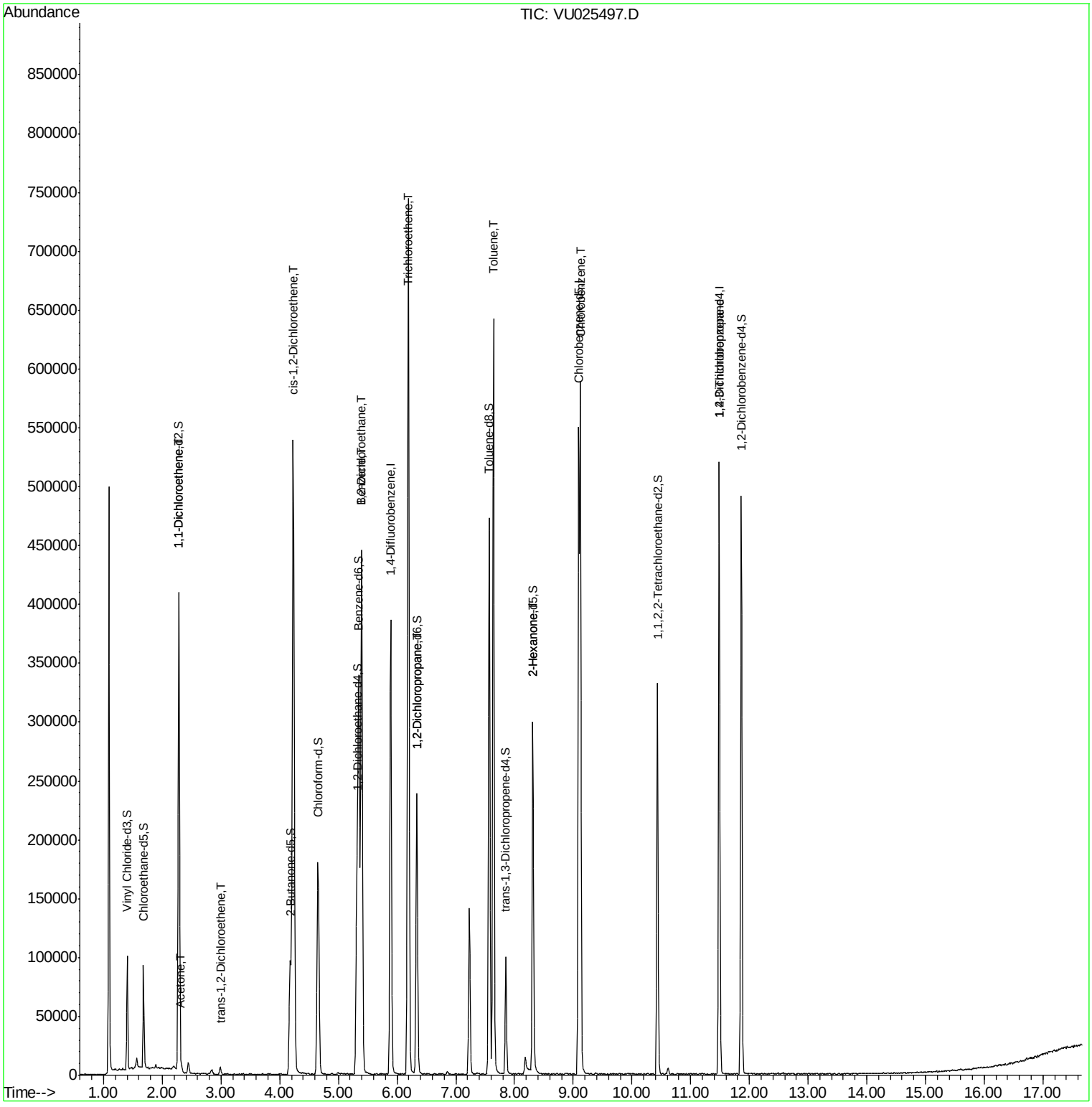
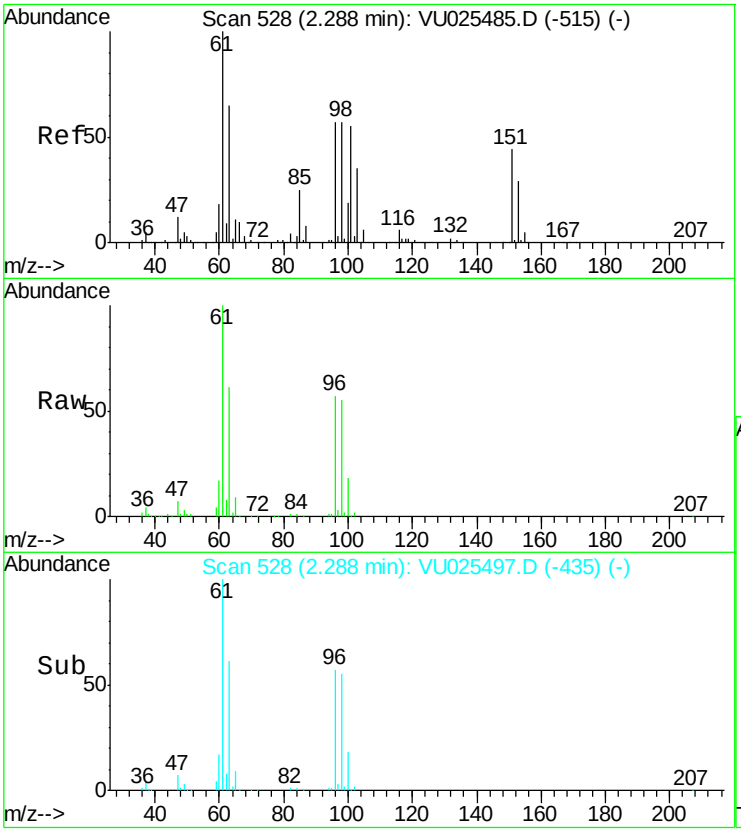
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 19 01:09:18 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

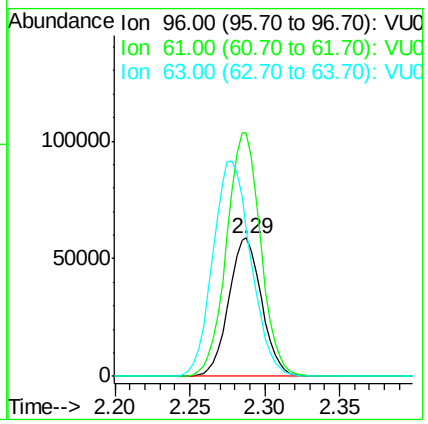


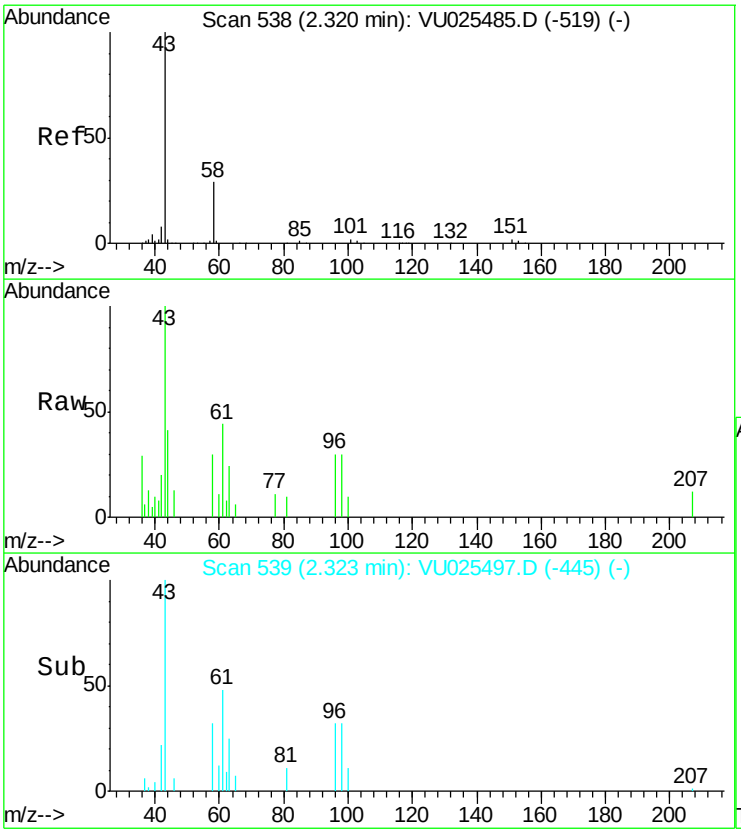


#12
1,1-Dichloroethene
Concen: 51.919 ug/L
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 96 Resp: 90422

Ion	Ratio	Lower	Upper
96	100		
61	176.0	120.6	224.0
63	107.2	79.3	147.3

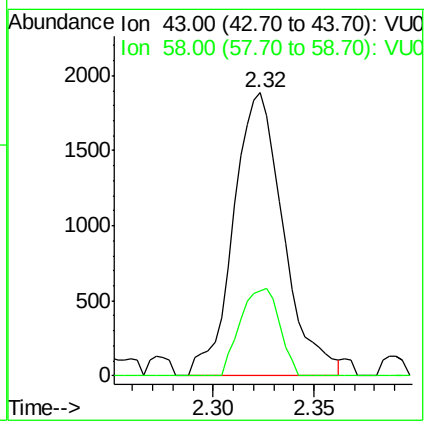


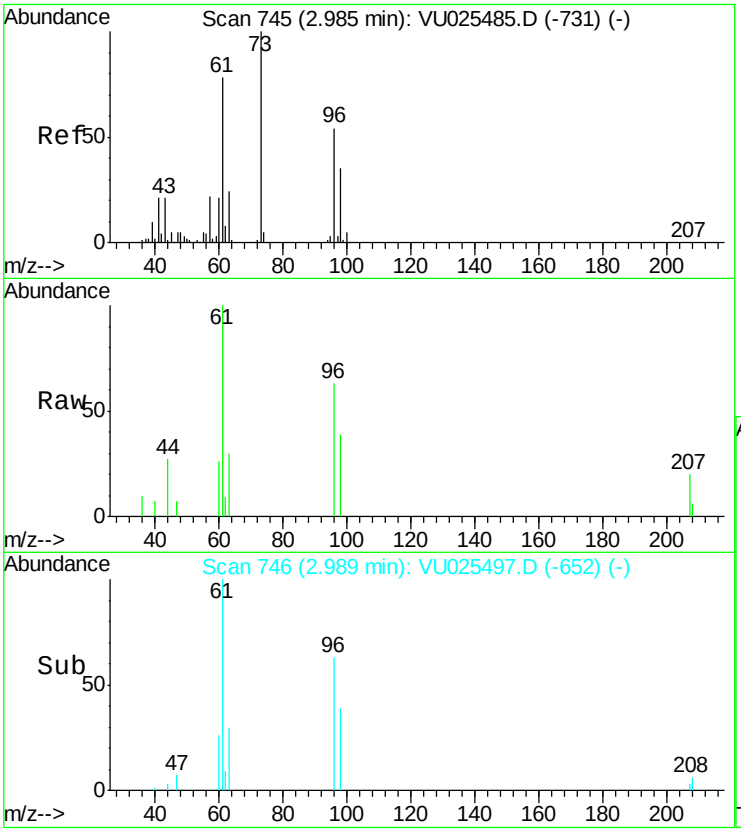


#13
Acetone
Concen: 2.326 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 43 Resp: 3275

Ion	Ratio	Lower	Upper
43	100		
58	24.3	0.0	59.0

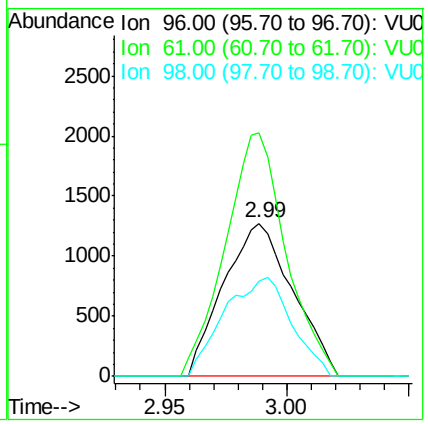


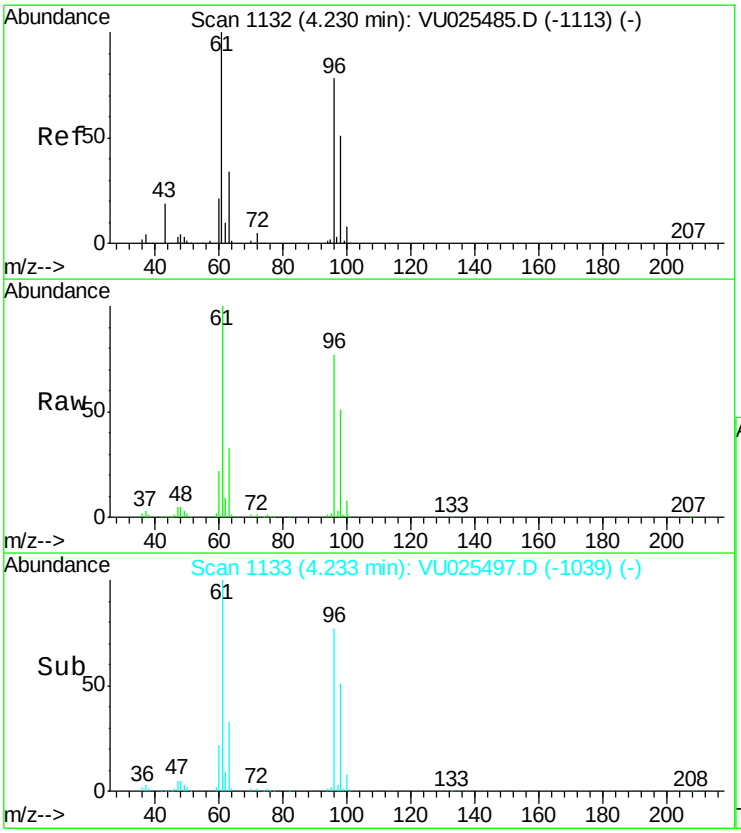


#17
trans-1,2-Dichloroethene
Concen: 1.214 ug/L
RT: 2.99 min Scan# 746
Delta R.T. 0.00 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 96 Resp: 2501

Ion	Ratio	Lower	Upper
96	100		
61	159.0	103.6	192.4
98	62.3	44.8	83.2

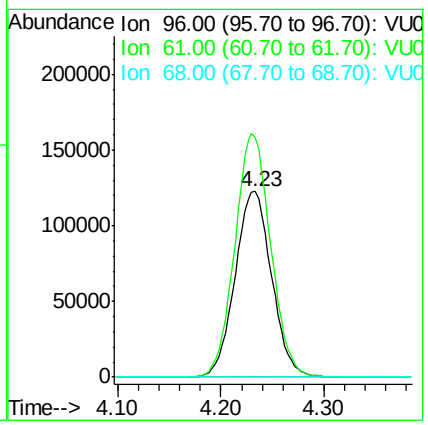


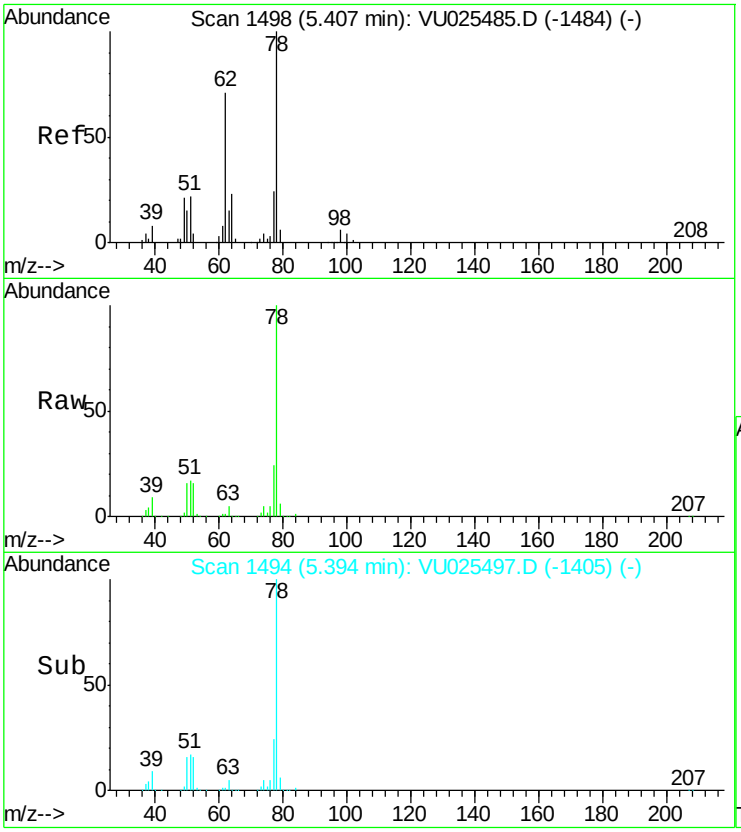


#20
cis-1,2-Dichloroethene
Concen: 119.573 ug/L
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 96 Resp: 301581

Ion	Ratio	Lower	Upper
96	100		
61	129.6	91.7	170.3
68	0.0	0.0	0.0

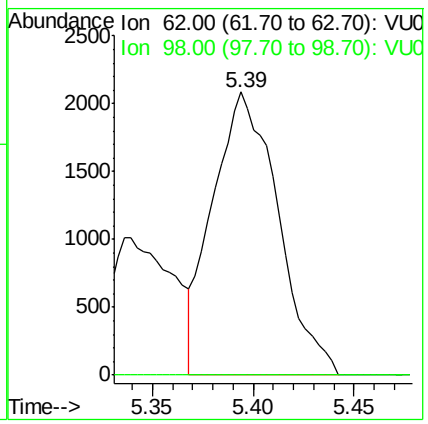


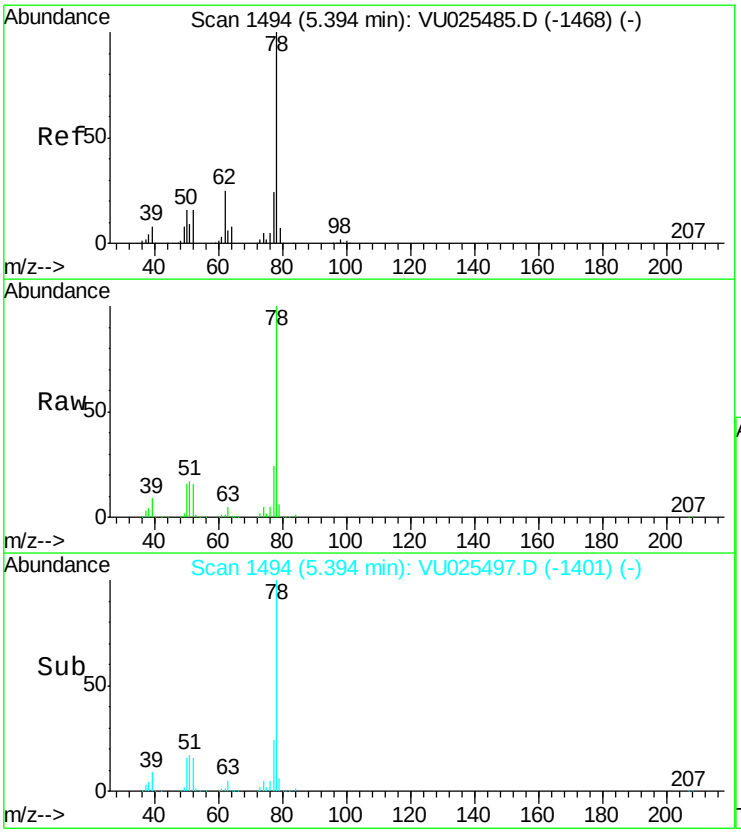


#27
1,2-Dichloroethane
Concen: 1.307 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 62 Resp: 4701

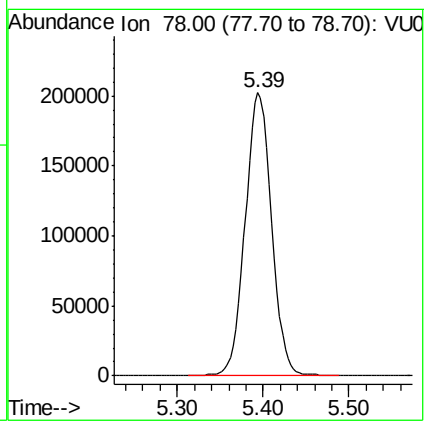
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.5	9.7#

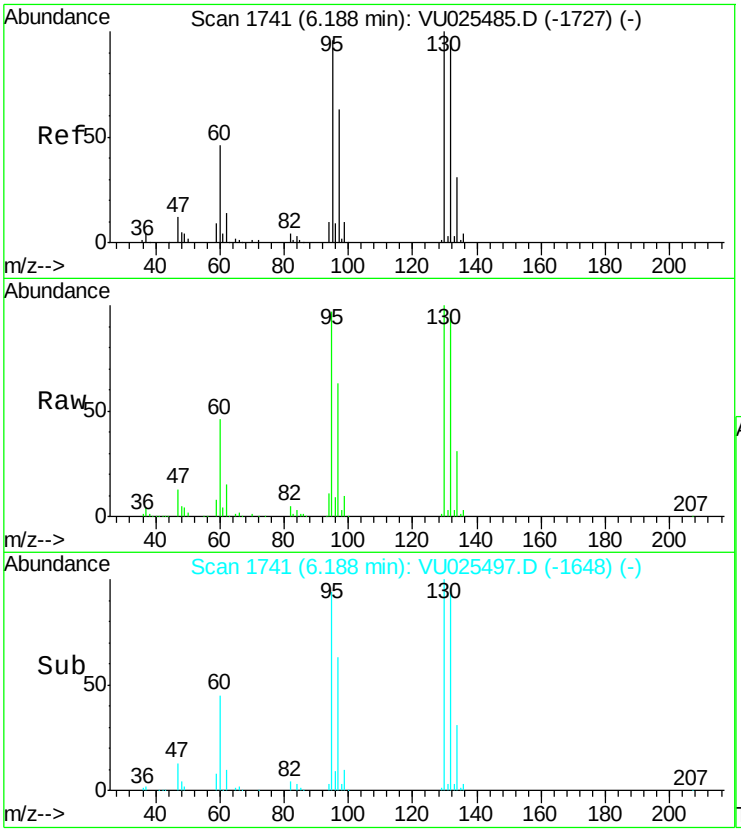




#33
Benzene
Concen: 49.507 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 78 Resp: 432362

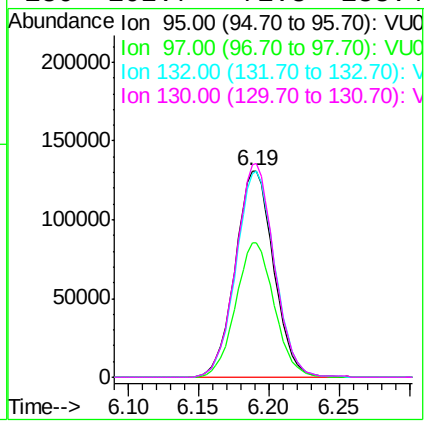


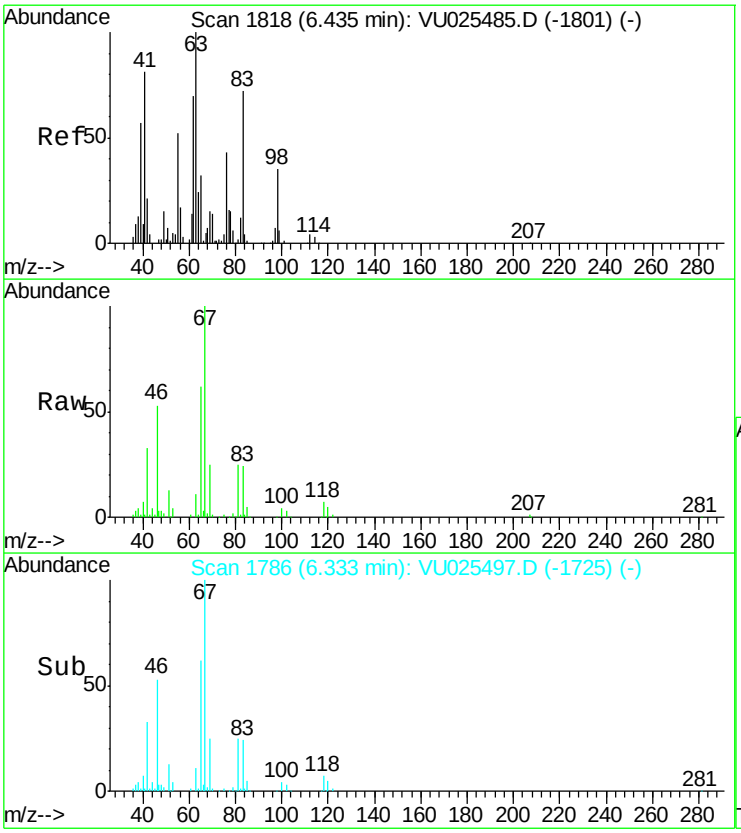


#34
Trichloroethene
Concen: 108.180 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 95 Resp: 250096

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.9	85.3
132	98.8	68.2	126.6
130	102.7	71.8	133.4

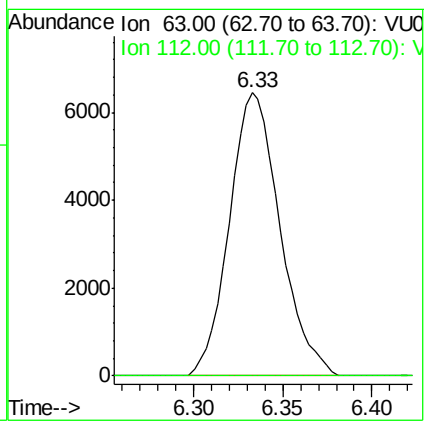


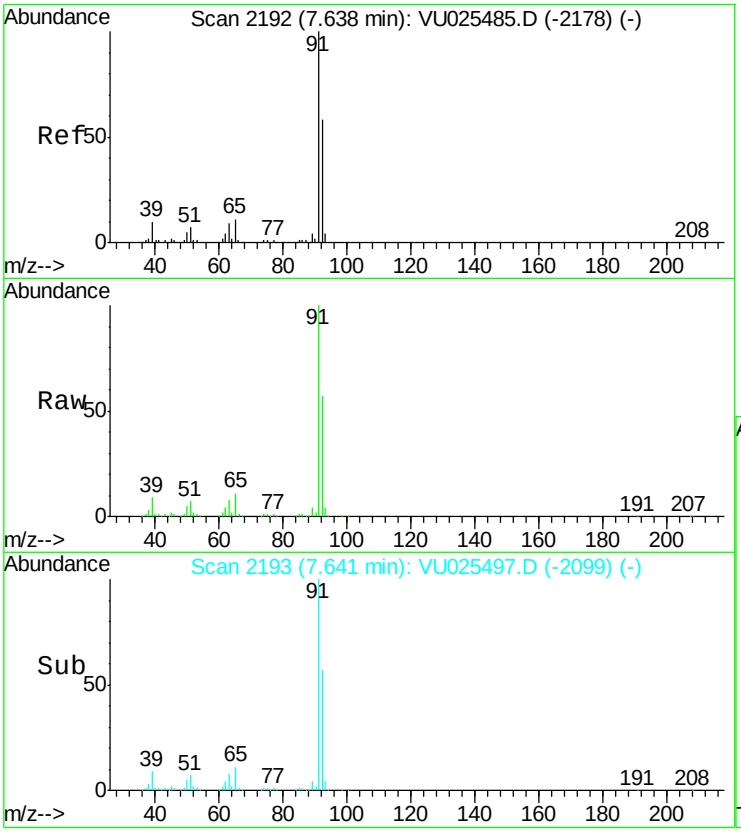


#37
1,2-Dichloropropane
Concen: 5.279 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 63 Resp: 12719

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

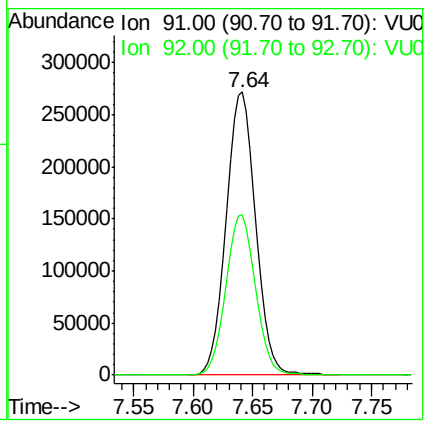


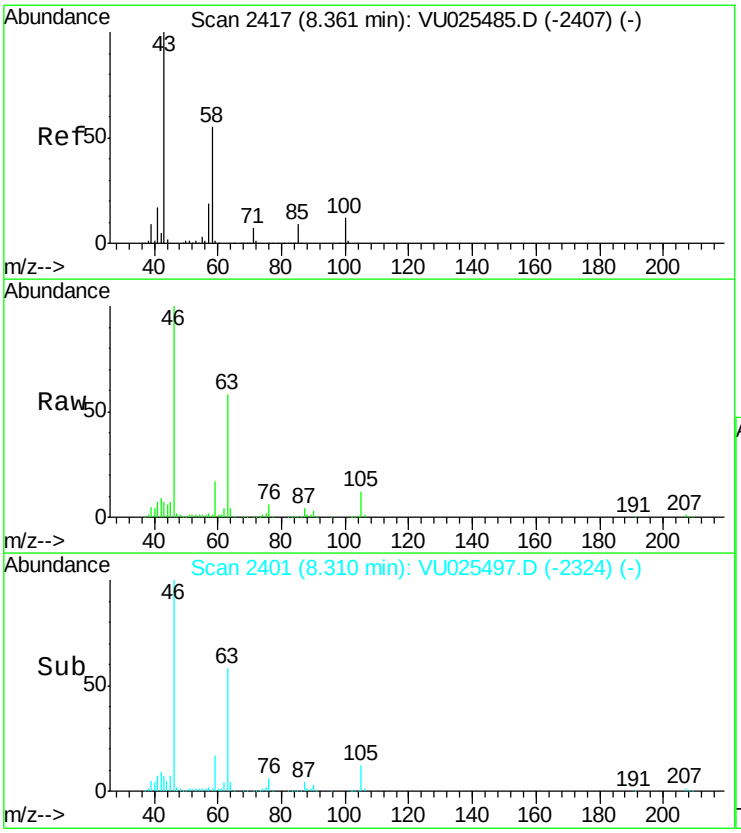


#42
Toluene
Concen: 50.274 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 91 Resp: 468154

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.5	75.1

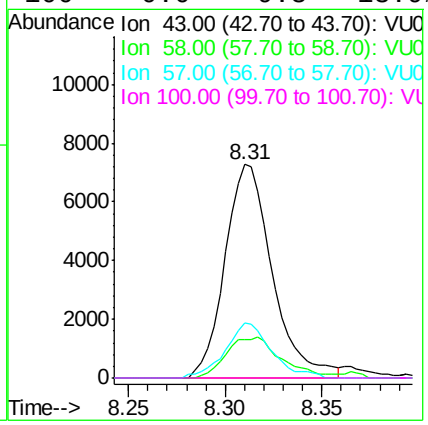


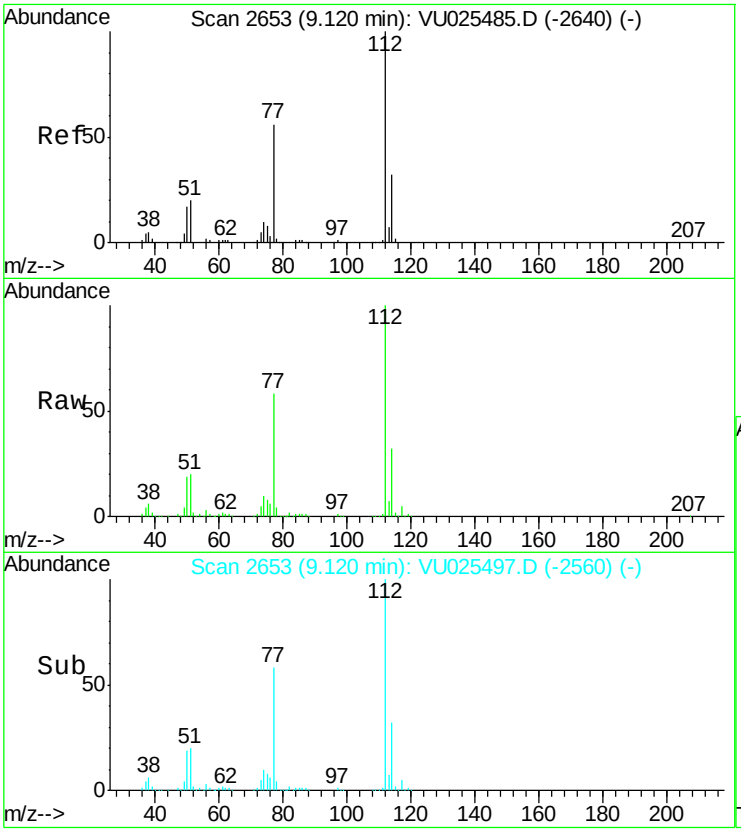


#48
2-Hexanone
Concen: 4.437 ug/L
RT: 8.31 min Scan# 2401
Delta R.T. -0.05 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 43 Resp: 12386

Ion	Ratio	Lower	Upper
43	100		
58	1.0	42.3	63.5#
57	24.2	15.6	23.4#
100	0.0	9.3	13.9#

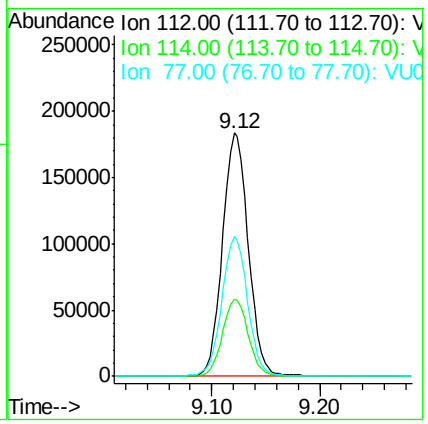


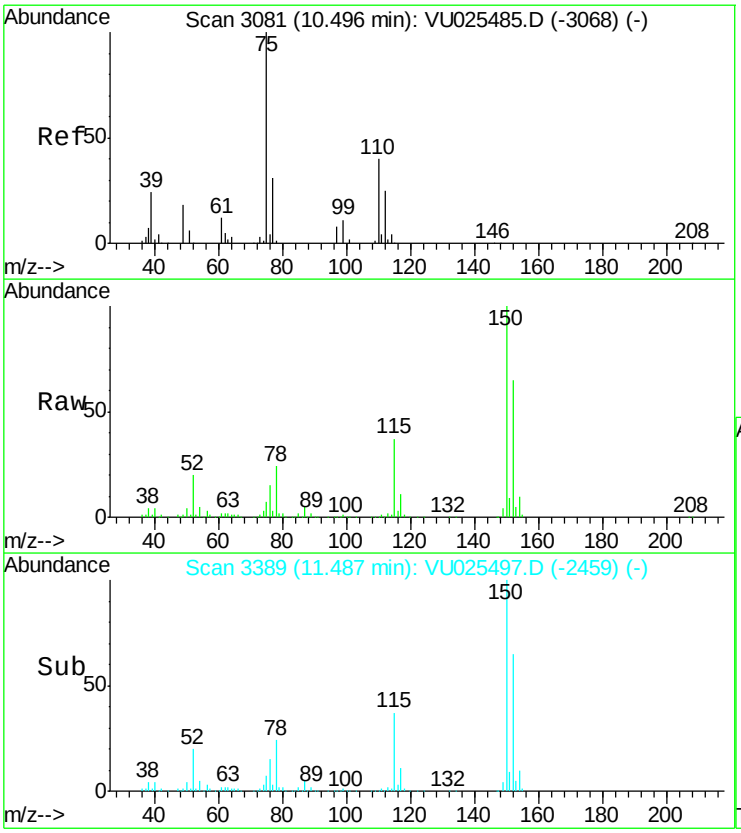


#51
Chlorobenzene
Concen: 48.942 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion:112 Resp: 305801

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.8	42.4
77	57.5	45.8	68.8





#59
1,2,3-Trichloropropane
Concen: 4.711 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU025497.D
Acq: 18 Jul 2018 15:14

Tgt Ion: 75 Resp: 15093

Ion	Ratio	Lower	Upper
75	100		
77	38.8	26.2	39.2