Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
Data File : VU025469.D
Acq On : 17 Jul 2018 20:33
Operator : MD/SY
Sample : J3984-12DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB188DL

Quant Time: Jul 18 06:47:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 18 06:47:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	339734	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303340	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	142134	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75726	47.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.52%			
7) Chloroethane-d5	1.68	69	67465	49.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.86%			
11) 1,1-Dichloroethene-d2	2.28	63	132640	37.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.40%			
21) 2-Butanone-d5	4.18	46	164180	96.30	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.30%			
24) Chloroform-d	4.65	84	194601	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.64%			
26) 1,2-Dichloroethane-d4	5.31	65	136082	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.22%			
32) Benzene-d6	5.35	84	376765	51.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.80%			
36) 1,2-Dichloropropane-d6	6.34	67	124195	51.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.32%			
41) Toluene-d8	7.57	98	353260	49.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.58%			
43) trans-1,3-Dichloropropene-	7.85	79	60627	47.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.96%			
47) 2-Hexanone-d5	8.31	63	118307	94.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.00%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169880	47.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	139639	49.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.06%			
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	68994	27.742	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	26342	12.094	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	119890	44.958	ug/L	98
34) Trichloroethene	6.19	95	85076	35.812	ug/L	95
37) 1,2-Dichloropropane	6.33	63	14163	5.721	ug/L #	88
46) Tetrachloroethene	8.23	164	12937	6.528	ug/L	96
49) Dibromochloromethane	8.23	129	12001	4.224	ug/L #	12

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

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DB188DL

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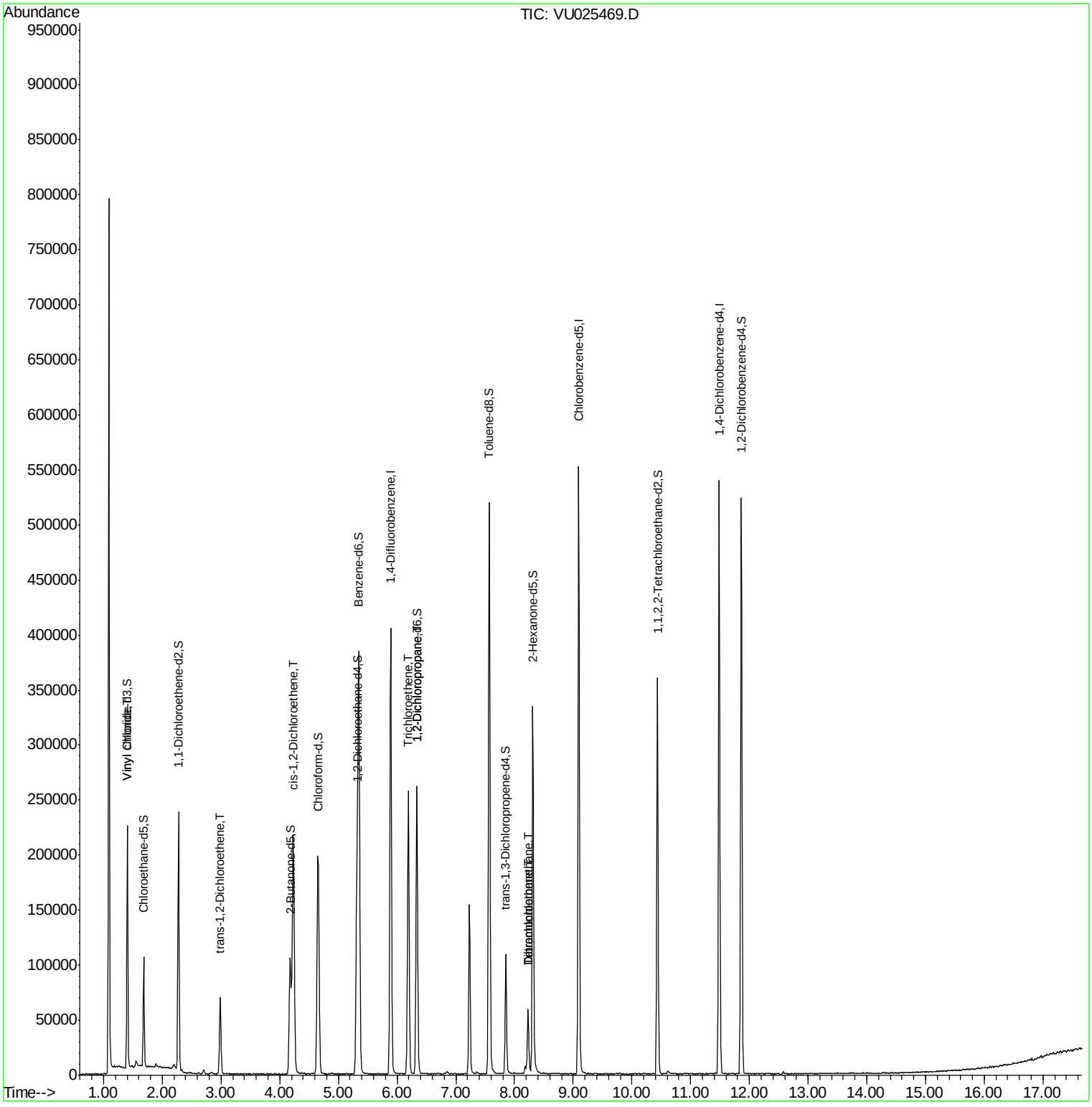
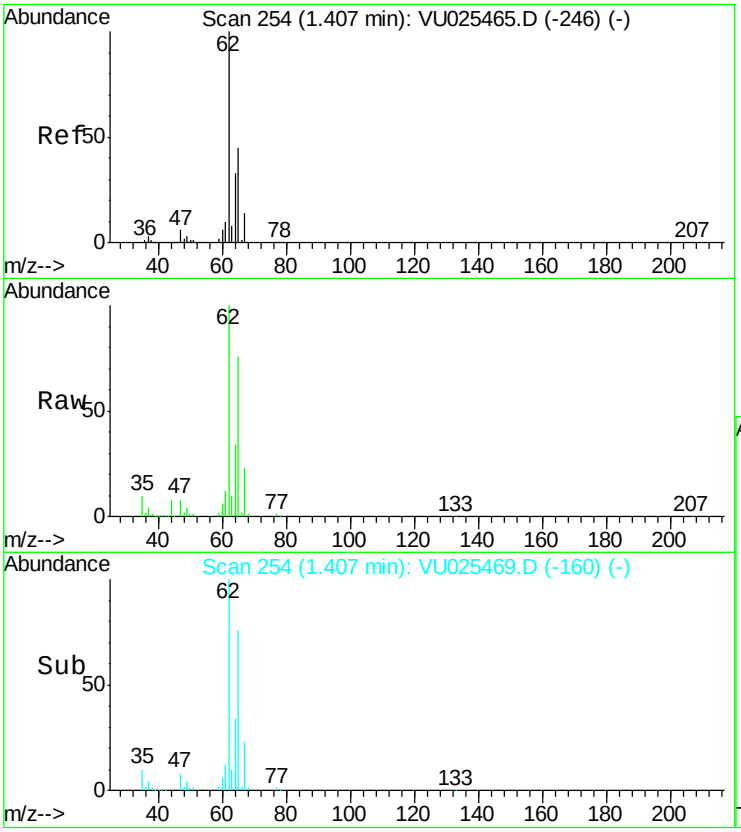


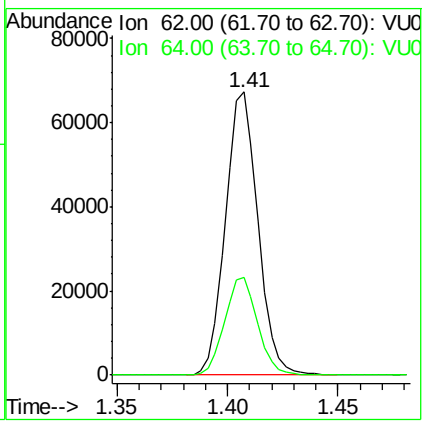


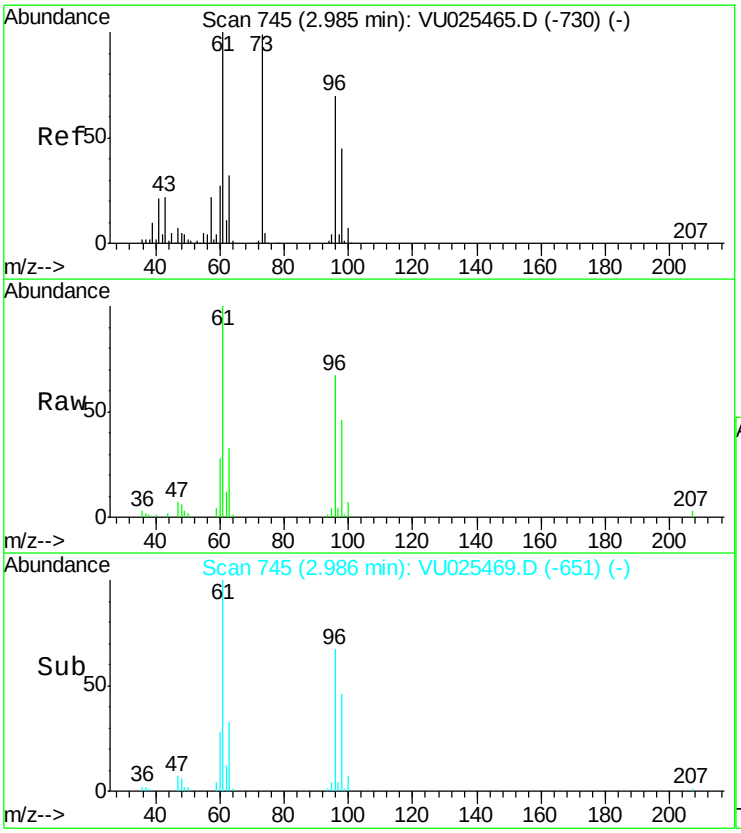
#5
Vinyl chloride
Concen: 27.742 ug/L
RT: 1.41 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU025469.D
Acq: 17 Jul 2018 20:33

Instrument : MSVOA_U
ClientSampleId : DB188DL

Tgt Ion: 62 Resp: 68994

Ion	Ratio	Lower	Upper
62	100		
64	34.4	22.7	42.1

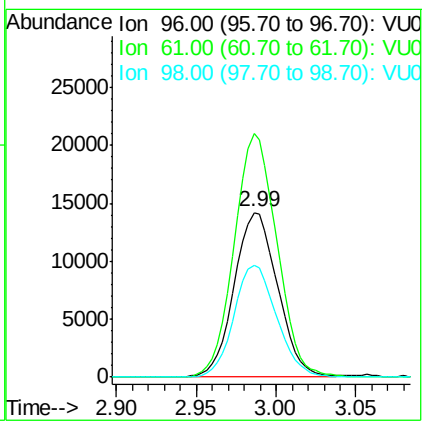


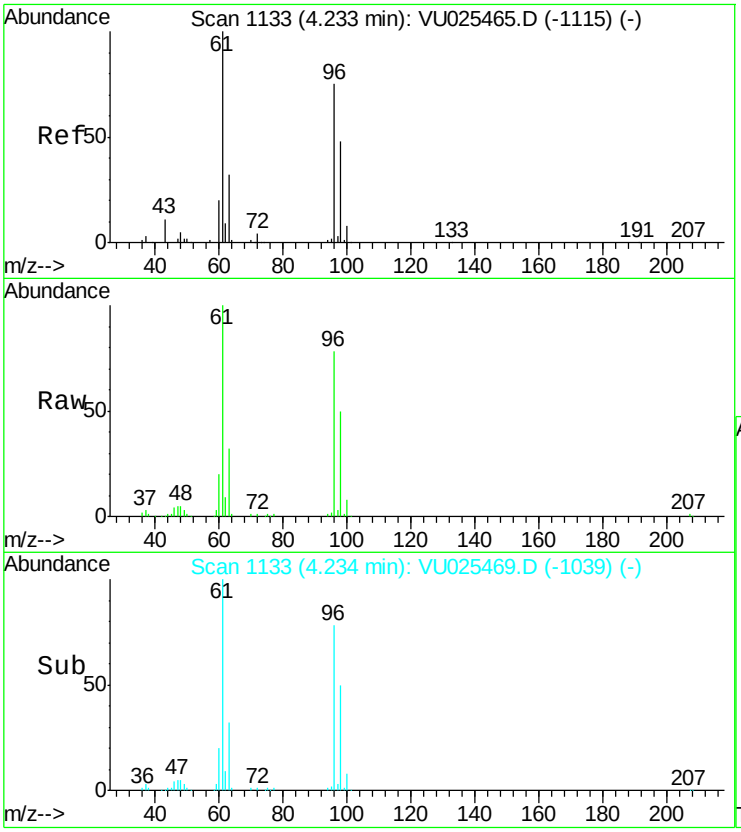


#17
trans-1,2-Dichloroethene
Concen: 12.094 ug/L
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU025469.D
Acq: 17 Jul 2018 20:33

Tgt Ion: 96 Resp: 26342

Ion	Ratio	Lower	Upper
96	100		
61	148.2	103.6	192.4
98	68.3	44.8	83.2



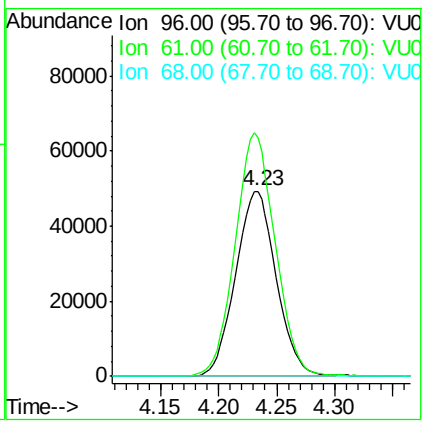


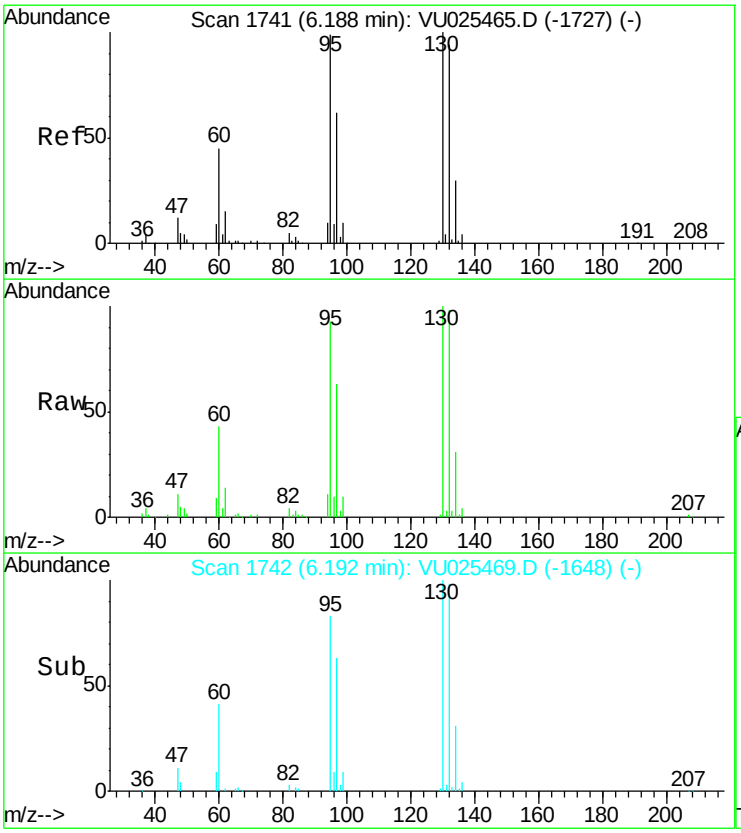
#20
cis-1,2-Dichloroethene
Concen: 44.958 ug/L
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025469.D
Acq: 17 Jul 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
DB188DL

Tgt Ion: 96 Resp: 119890

Ion	Ratio	Lower	Upper
96	100		
61	129.0	91.7	170.3
68	0.0	0.0	0.0

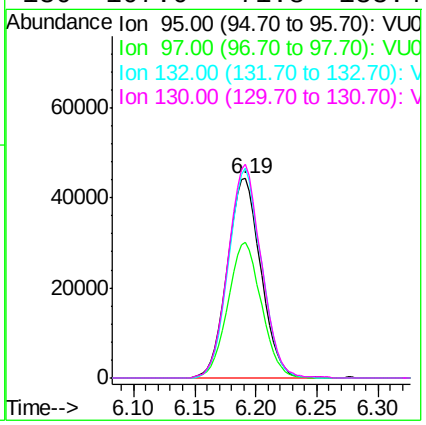


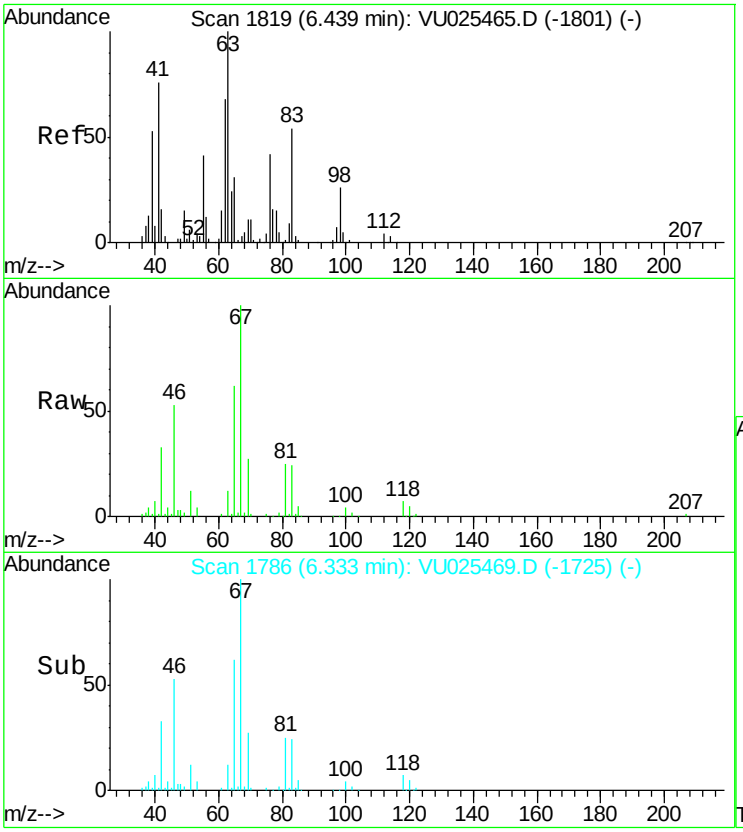


#34
Trichloroethene
Concen: 35.812 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025469.D
Acq: 17 Jul 2018 20:33

Tgt Ion: 95 Resp: 85076

Ion	Ratio	Lower	Upper
95	100		
97	67.7	45.9	85.3
132	104.9	68.2	126.6
130	107.0	71.8	133.4



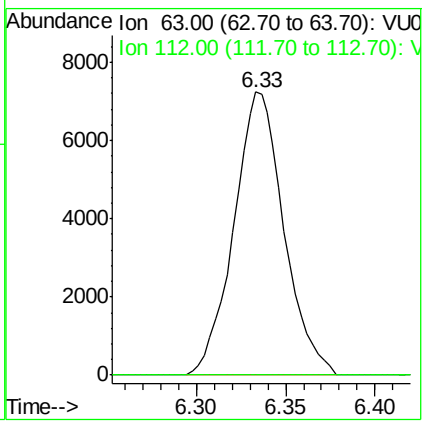


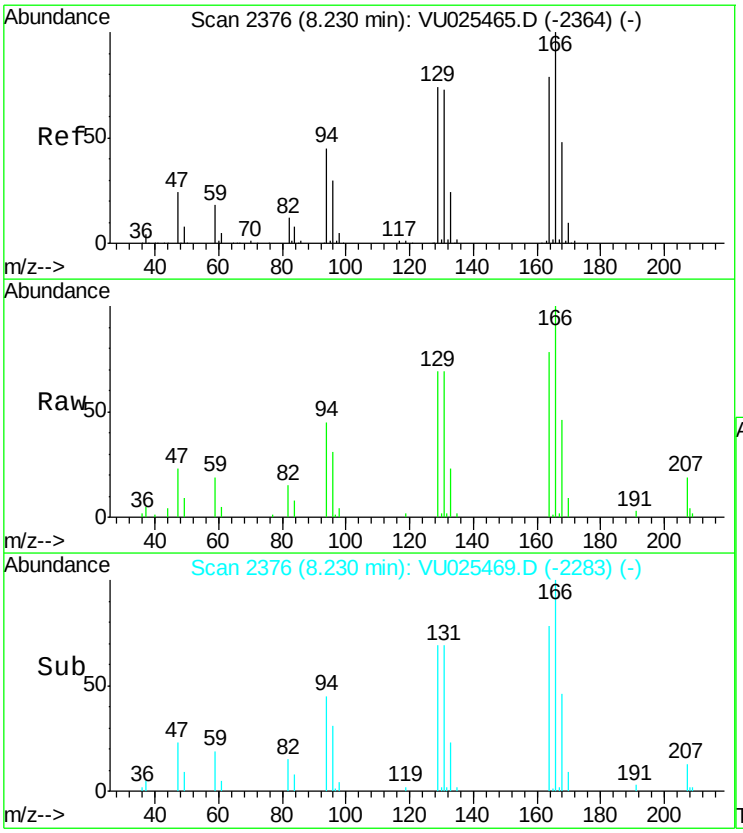
#37
1,2-Dichloropropane
Concen: 5.721 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.11 min
Lab File: VU025469.D
Acq: 17 Jul 2018 20:33

Instrument : MSVOA_U
ClientSampleId : DB188DL

Tgt Ion: 63 Resp: 14163

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

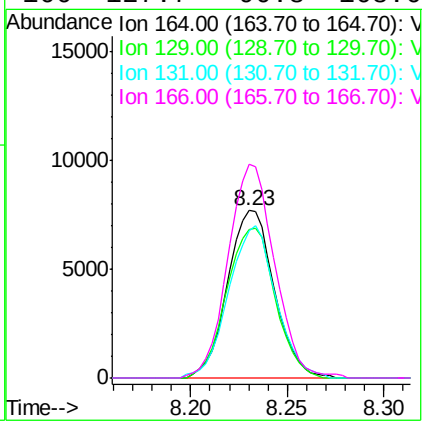


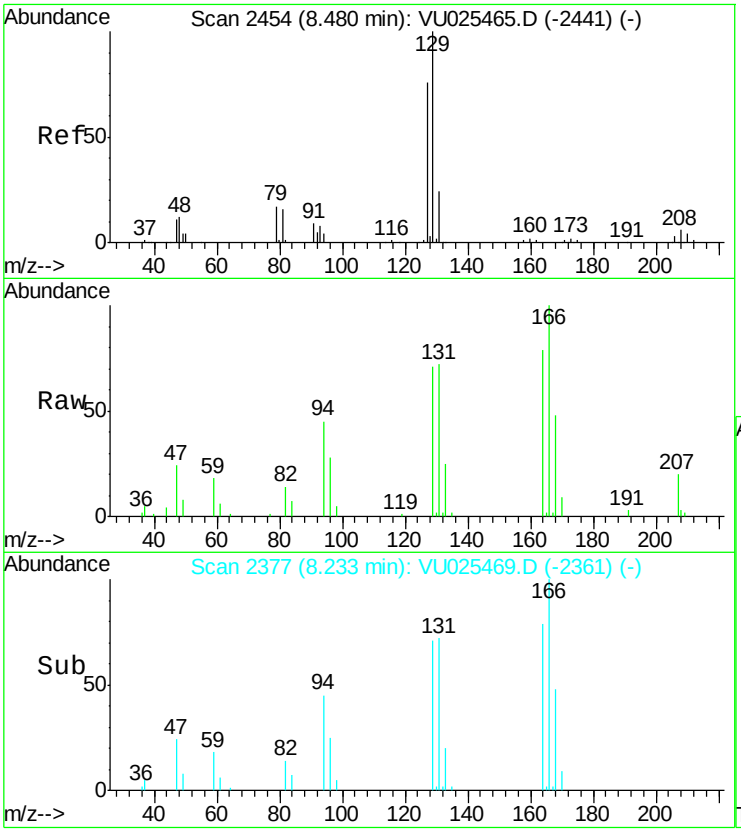


#46
Tetrachloroethene
Concen: 6.528 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025469.D
Acq: 17 Jul 2018 20:33

Tgt Ion:164 Resp: 12937

Ion	Ratio	Lower	Upper
164	100		
129	88.7	66.5	123.5
131	87.8	63.7	118.3
166	127.7	90.8	168.6





#49
Dibromochloromethane
Concen: 4.224 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU025469.D
Acq: 17 Jul 2018 20:33

Instrument :
MSVOA_U
ClientSampleId :
DB188DL

Tgt Ion:129 Resp: 12001

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#