Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071318\
Data File : VU025398.D
Acq On : 13 Jul 2018 17:54
Operator : MD/SY
Sample : J3984-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB178

Quant Time: Jul 14 04:30:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 13 14:43:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337809	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148091	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	85194	42.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.38%			
7) Chloroethane-d5	1.68	69	71038	42.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.30%			
11) 1,1-Dichloroethene-d2	2.27	63	140120	31.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.62%			
21) 2-Butanone-d5	4.18	46	167123	99.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.01%			
24) Chloroform-d	4.65	84	190084	43.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.90%			
26) 1,2-Dichloroethane-d4	5.31	65	133791	43.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.24%			
32) Benzene-d6	5.35	84	370165	43.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.90%			
36) 1,2-Dichloropropane-d6	6.33	67	121371	44.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.46%			
41) Toluene-d8	7.57	98	354649	42.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.10%			
43) trans-1,3-Dichloropropene-	7.85	79	54450	40.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.04%			
47) 2-Hexanone-d5	8.31	63	130152	105.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.10%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174020	45.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	146671	45.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.90%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	6042	2.386	ug/L	90
5) Vinyl chloride	1.40	62	156994	59.923	ug/L	98
12) 1,1-Dichloroethene	2.28	96	6914	3.337	ug/L #	1
13) Acetone	2.32	43	3403	1.962	ug/L	95
14) Carbon disulfide	2.48	76	9452	1.511	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	7850	3.499	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	1769538	682.969	ug/L	97
34) Trichloroethene	6.19	95	48301	19.284	ug/L	98

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

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QLast Update : Fri Jul 13 14:43:42 2018
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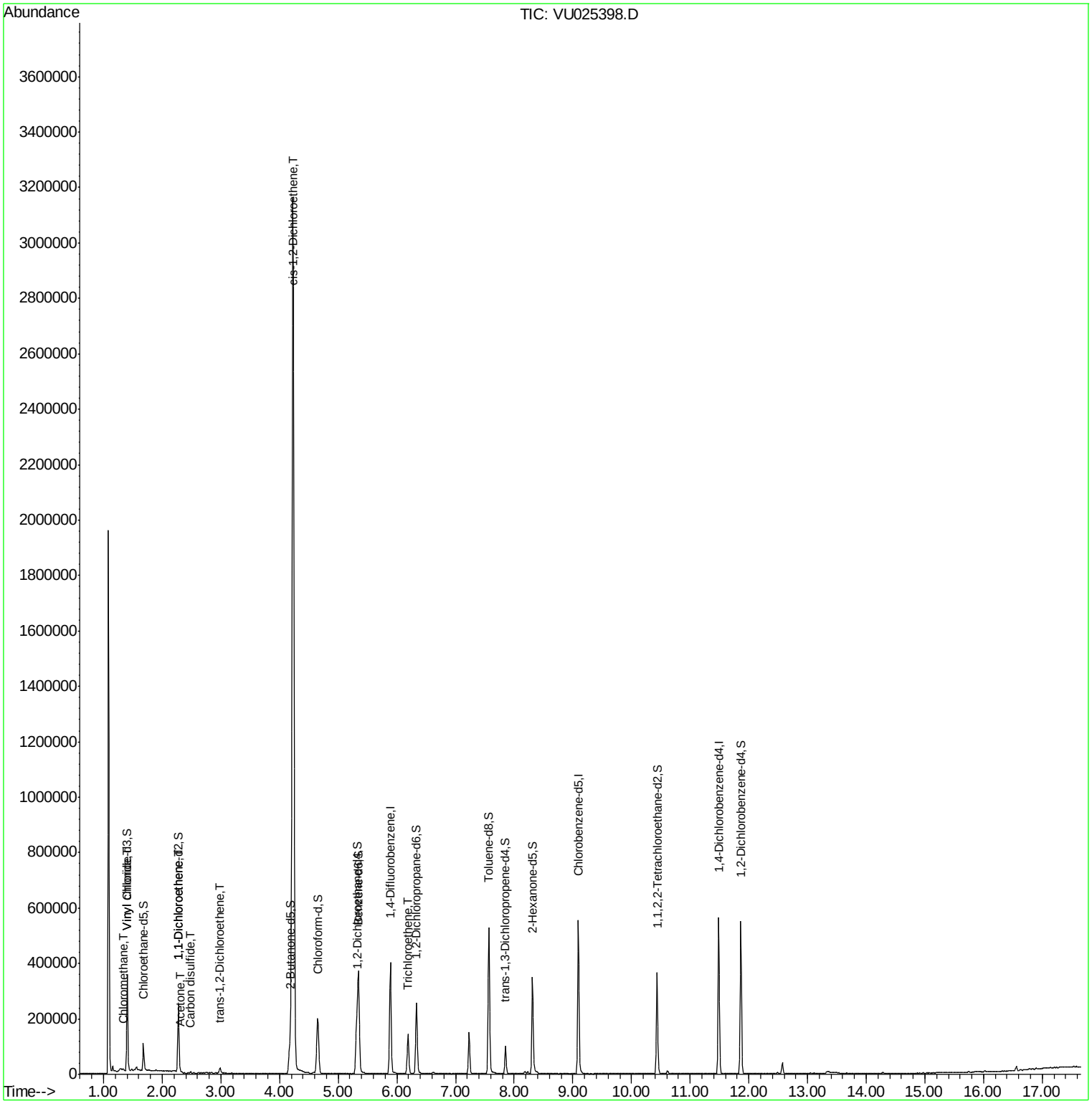
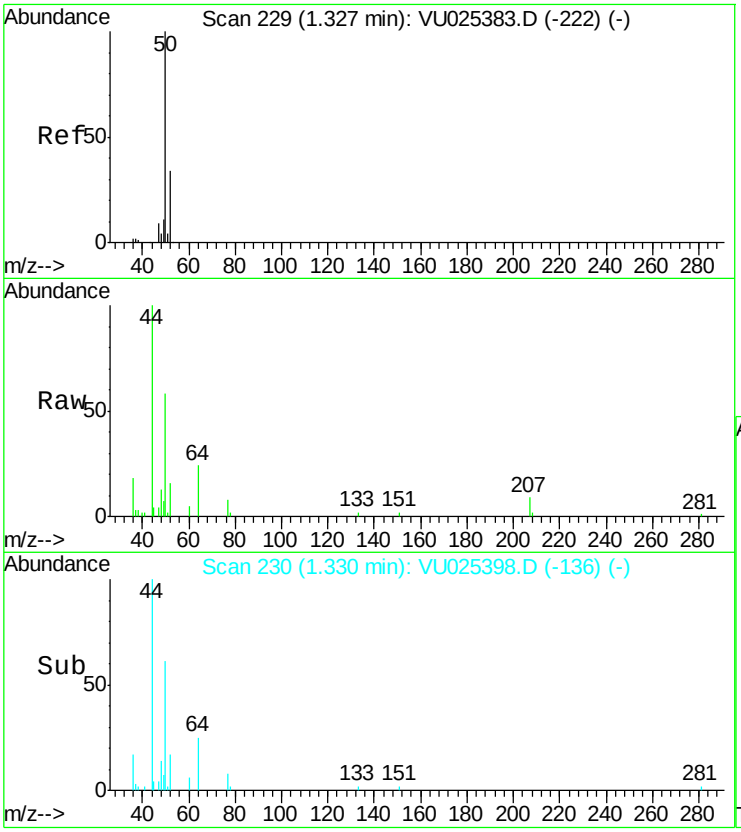


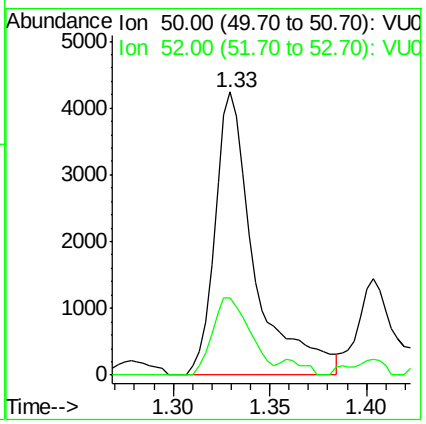


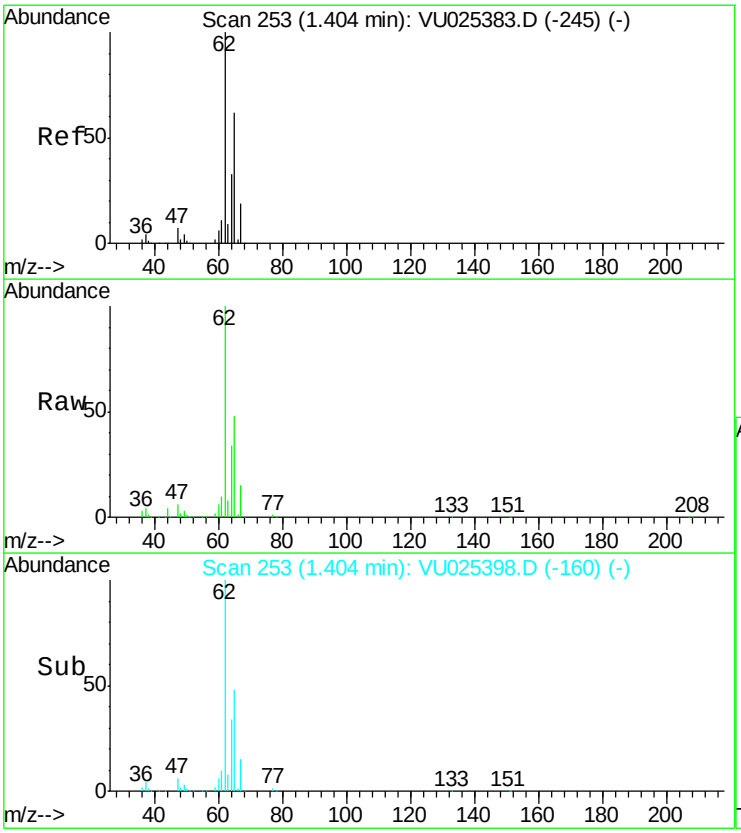
#3
Chloromethane
Concen: 2.386 ug/L
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025398.D
Acq: 13 Jul 2018 17:54

Instrument : MSVOA_U
ClientSampleId : DB178

Tgt Ion: 50 Resp: 6042

Ion	Ratio	Lower	Upper
50	100		
52	27.5	23.1	42.9

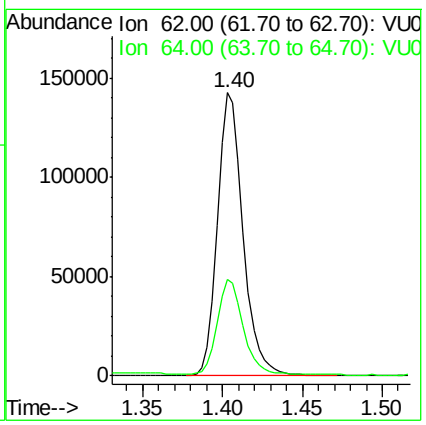


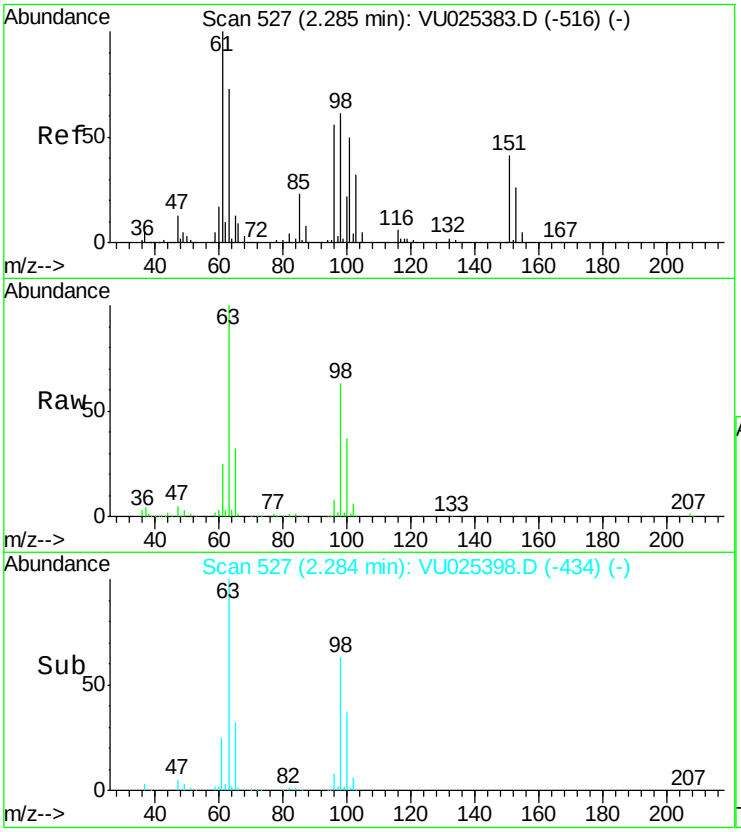


#5
Vinyl chloride
Concen: 59.923 ug/L
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025398.D
Acq: 13 Jul 2018 17:54

Tgt Ion: 62 Resp: 156994

Ion	Ratio	Lower	Upper
62	100		
64	34.1	23.0	42.8



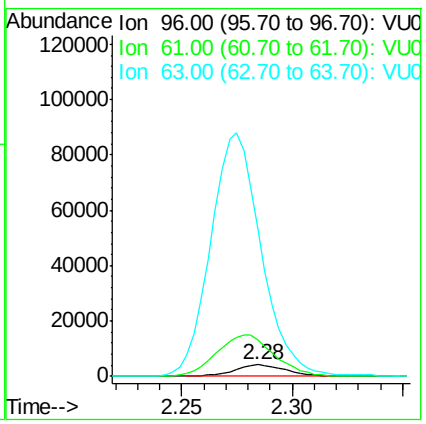


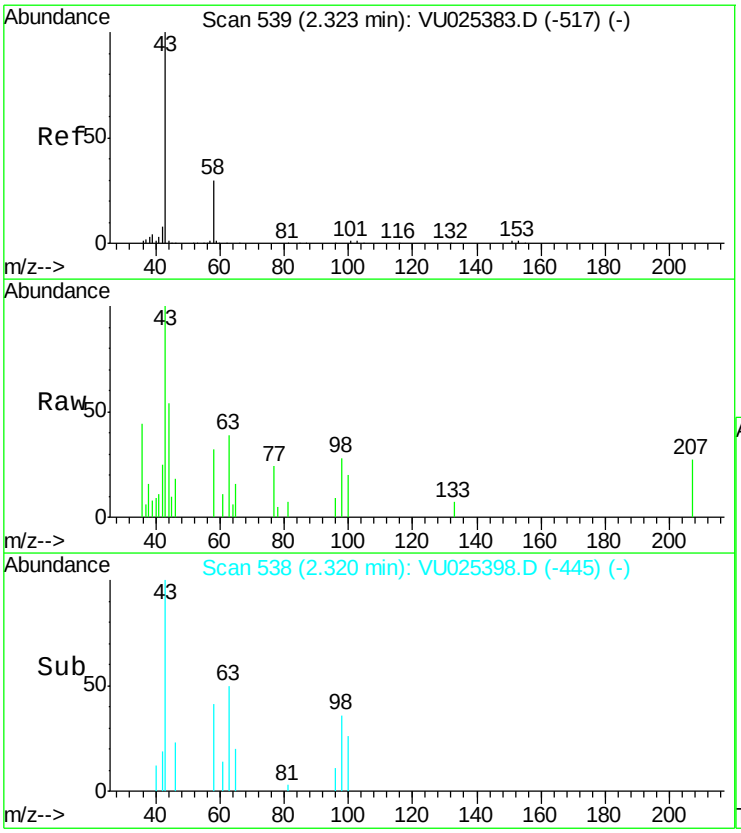
#12
1,1-Dichloroethene
Concen: 3.337 ug/L
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025398.D
Acq: 13 Jul 2018 17:54

Instrument : MSVOA_U
ClientSampleId : DB178

Tgt Ion: 96 Resp: 6914

Ion	Ratio	Lower	Upper
96	100		
61	313.2	128.1	237.9#
63	1257.9	103.6	192.4#

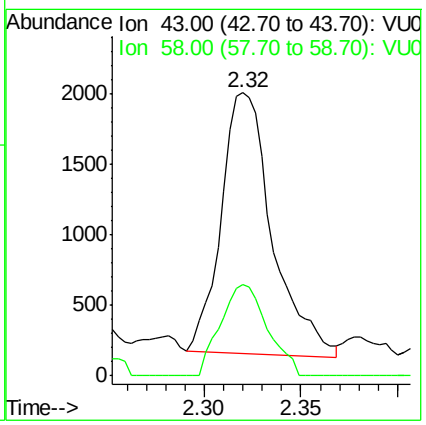


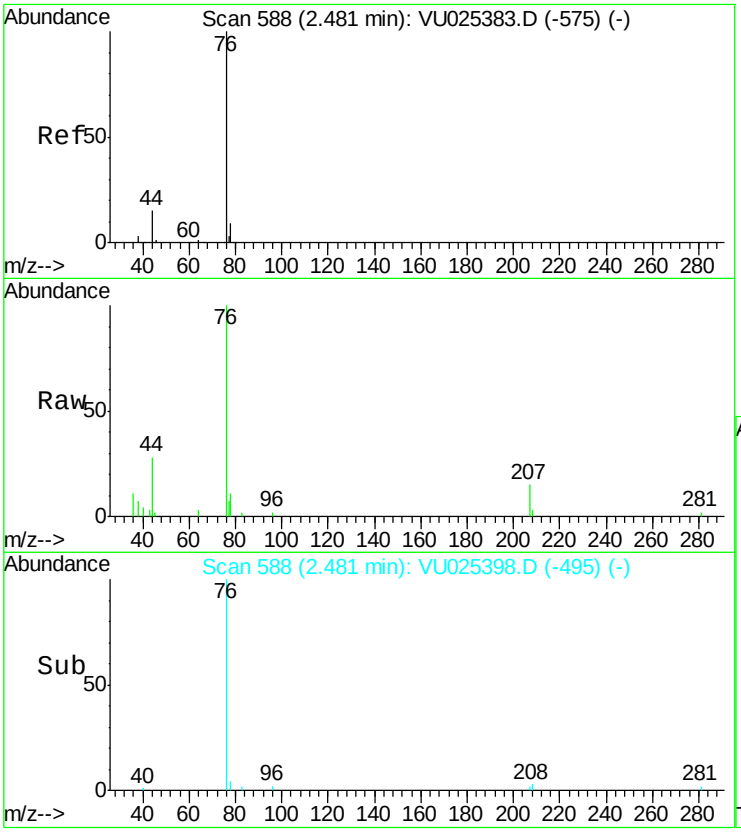


#13
Acetone
Concen: 1.962 ug/L
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU025398.D
Acq: 13 Jul 2018 17:54

Tgt Ion: 43 Resp: 3403

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	59.4



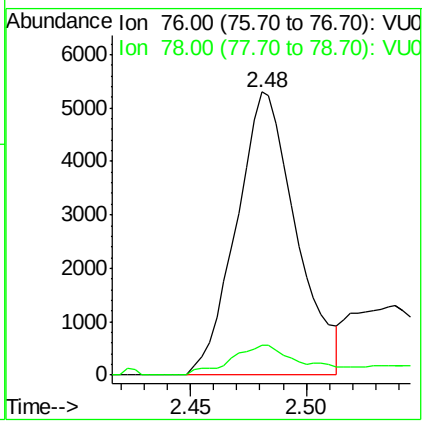


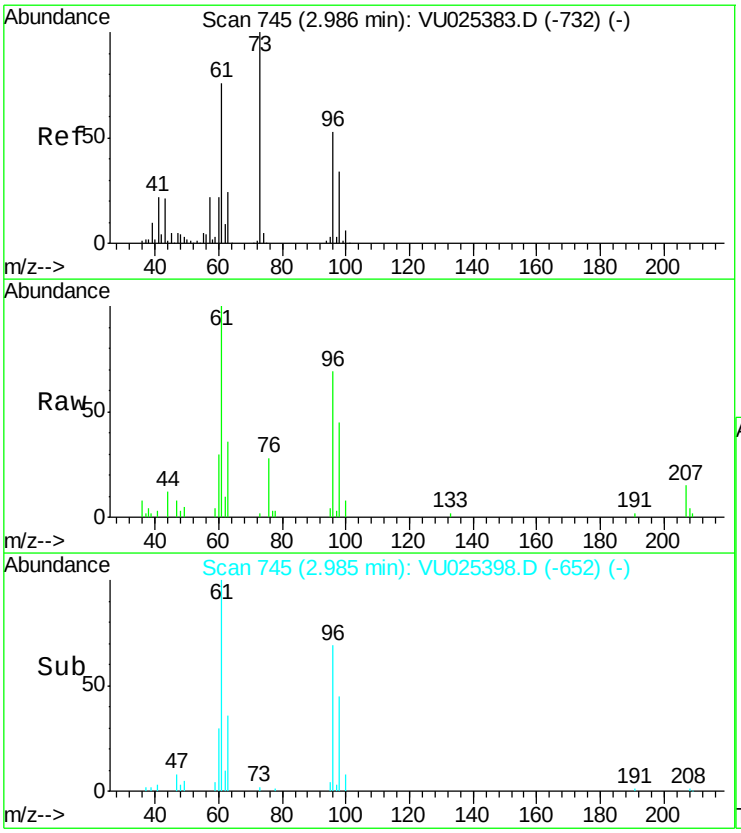
#14
Carbon disulfide
Concen: 1.511 ug/L
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU025398.D
Acq: 13 Jul 2018 17:54

Instrument : MSVOA_U
ClientSampleId : DB178

Tgt Ion: 76 Resp: 9452

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.3	10.9

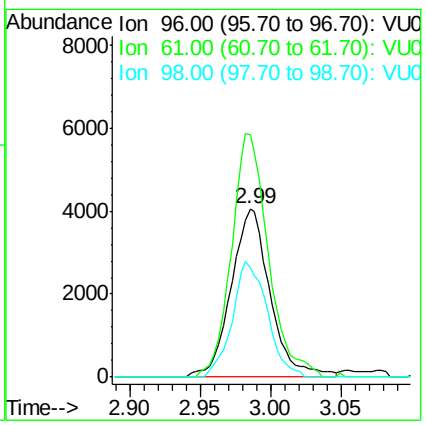


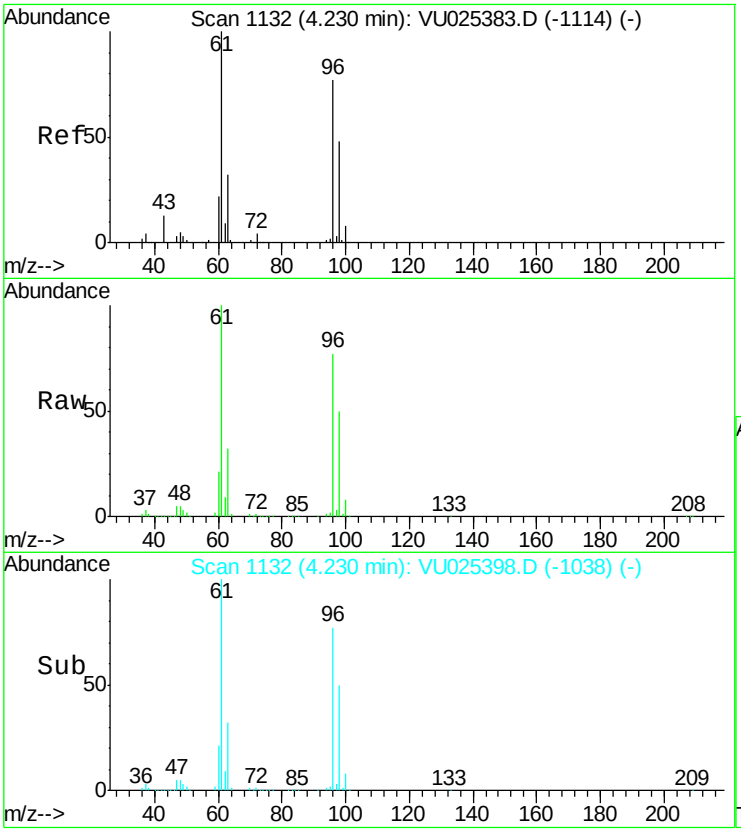


#17
trans-1,2-Dichloroethene
Concen: 3.499 ug/L
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU025398.D
Acq: 13 Jul 2018 17:54

Tgt Ion: 96 Resp: 7850

Ion	Ratio	Lower	Upper
96	100		
61	144.1	102.7	190.7
98	64.8	44.4	82.5



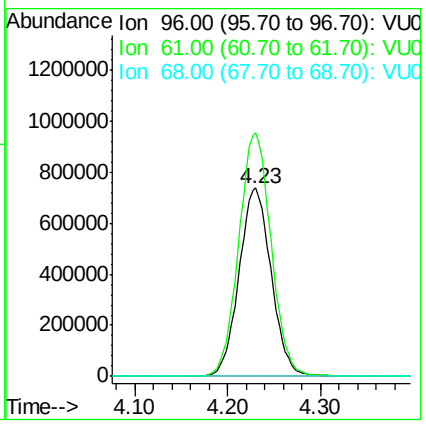


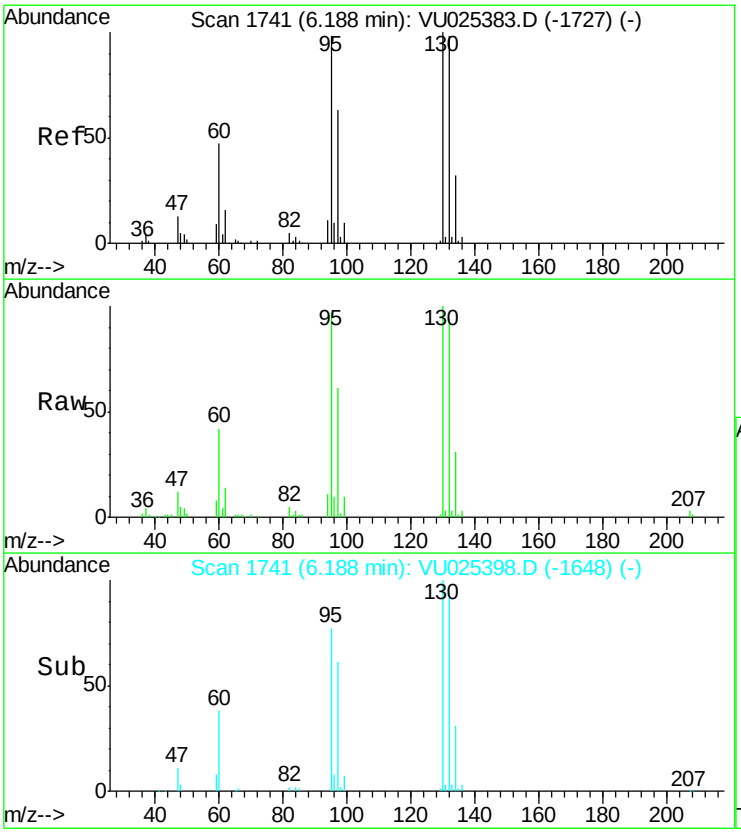
#20
cis-1,2-Dichloroethene
Concen: 682.969 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025398.D
Acq: 13 Jul 2018 17:54

Instrument :
MSVOA_U
ClientSampleId :
DB178

Tgt Ion: 96 Resp: 1769538

Ion	Ratio	Lower	Upper
96	100		
61	129.5	93.4	173.6
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 19.284 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU025398.D
Acq: 13 Jul 2018 17:54

Tgt Ion: 95 Resp: 48301

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.1	81.9
132	97.2	70.2	130.4
130	103.4	71.7	133.1