Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071318\
Data File : VU025397.D
Acq On : 13 Jul 2018 17:29
Operator : MD/SY
Sample : J3984-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFB

Quant Time: Jul 13 19:04:53 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	329809	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144566	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	83454	42.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.66%			
7) Chloroethane-d5	1.68	69	69365	42.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.32%			
11) 1,1-Dichloroethene-d2	2.27	63	137784	32.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.08%			
21) 2-Butanone-d5	4.18	46	160566	97.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.43%			
24) Chloroform-d	4.65	84	181659	43.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.04%			
26) 1,2-Dichloroethane-d4	5.31	65	129793	43.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.70%			
32) Benzene-d6	5.35	84	353903	43.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.30%			
36) 1,2-Dichloropropane-d6	6.33	67	114369	43.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.56%			
41) Toluene-d8	7.57	98	339267	42.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.54%			
43) trans-1,3-Dichloropropene-	7.85	79	50817	38.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.58%			
47) 2-Hexanone-d5	8.31	63	122076	102.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.38%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162557	43.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.82%			
64) 1,2-Dichlorobenzene-d4	11.86	152	138487	43.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.92%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	4679	1.893	ug/L	99
5) Vinyl chloride	1.40	62	31787	12.427	ug/L	89
12) 1,1-Dichloroethene	2.29	96	10092	4.989	ug/L #	1
13) Acetone	2.32	43	14604	8.622	ug/L	99
14) Carbon disulfide	2.48	76	8962	1.467	ug/L #	90
17) trans-1,2-Dichloroethene	3.00	96	59405	27.122	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	5874371	2322.261	ug/L	97
22) 2-Butanone	4.27	43	46414	23.163	ug/L #	1
34) Trichloroethene	6.19	95	78710	32.635	ug/L	99
35) Methylcyclohexane	6.33	83	26652	6.622	ug/L #	19
46) Tetrachloroethene	8.23	164	191685	93.890	ug/L	99

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

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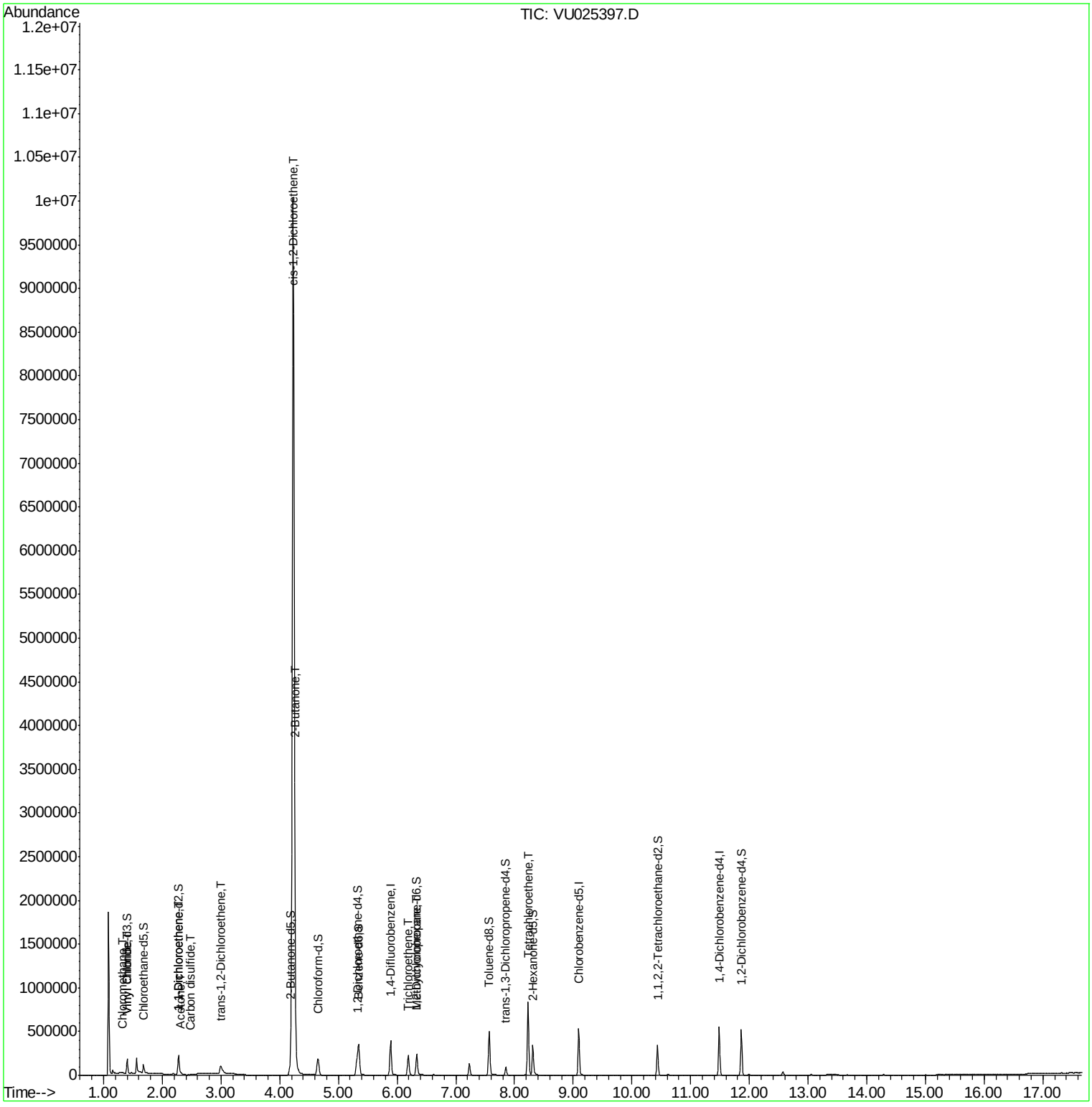
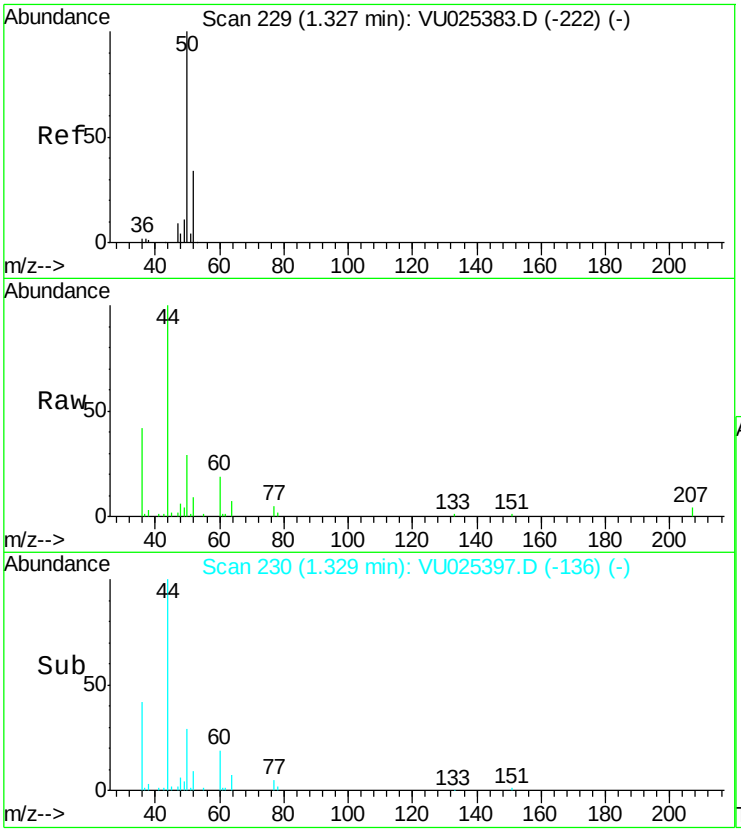
Instrument :
MSVOA_U
ClientSampleId :
BFB

Quant Time: Jul 13 19:04:53 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



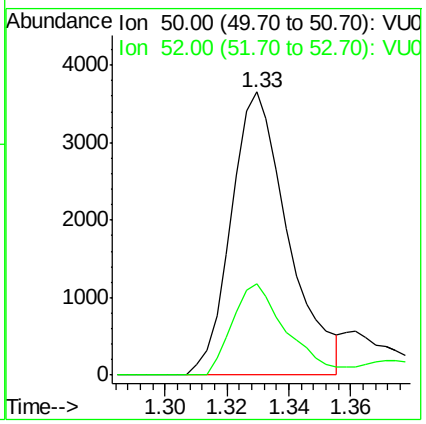


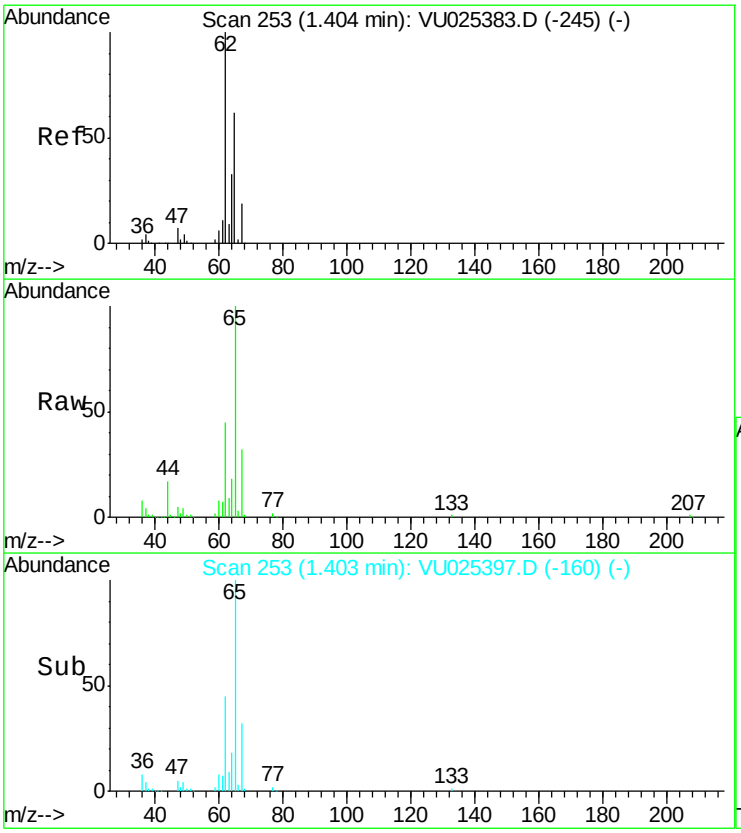
#3
Chloromethane
Concen: 1.893 ug/L
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 50 Resp: 4679

Ion	Ratio	Lower	Upper
50	100		
52	32.3	23.1	42.9

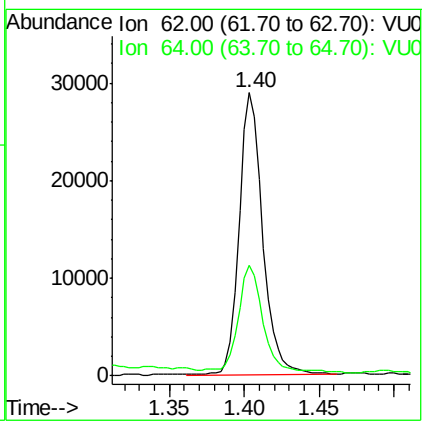


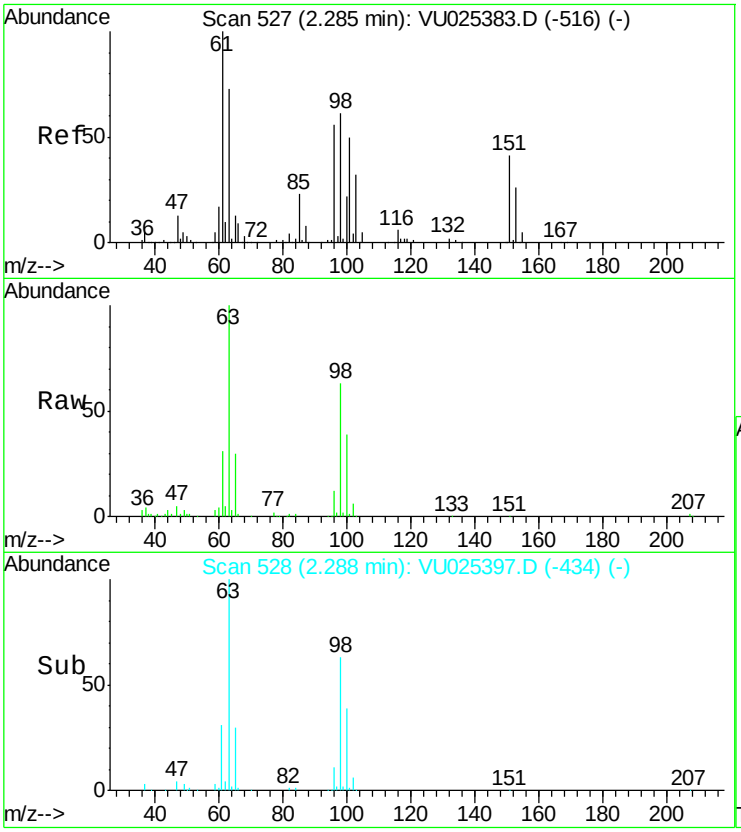


#5
Vinyl chloride
Concen: 12.427 ug/L
RT: 1.40 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Tgt Ion: 62 Resp: 31787

Ion	Ratio	Lower	Upper
62	100		
64	39.0	23.0	42.8



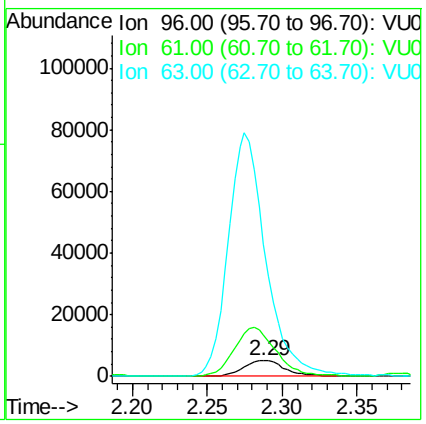


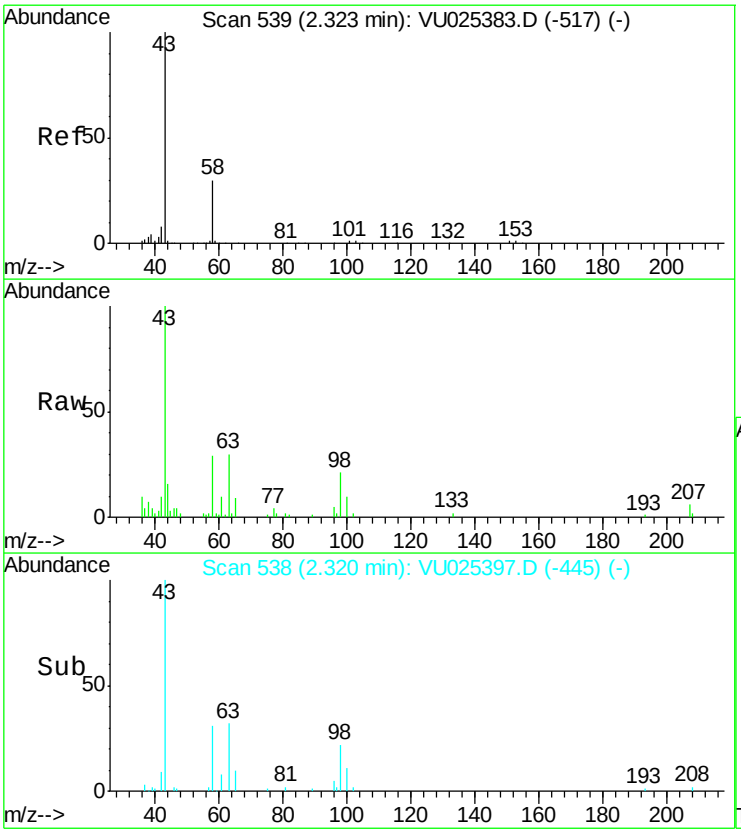
#12
1,1-Dichloroethene
Concen: 4.989 ug/L
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 96 Resp: 10092

Ion	Ratio	Lower	Upper
96	100		
61	263.2	128.1	237.9#
63	845.0	103.6	192.4#

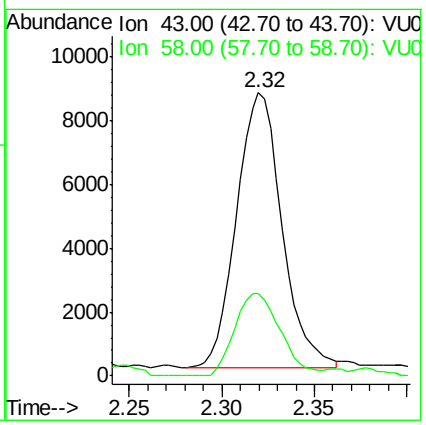


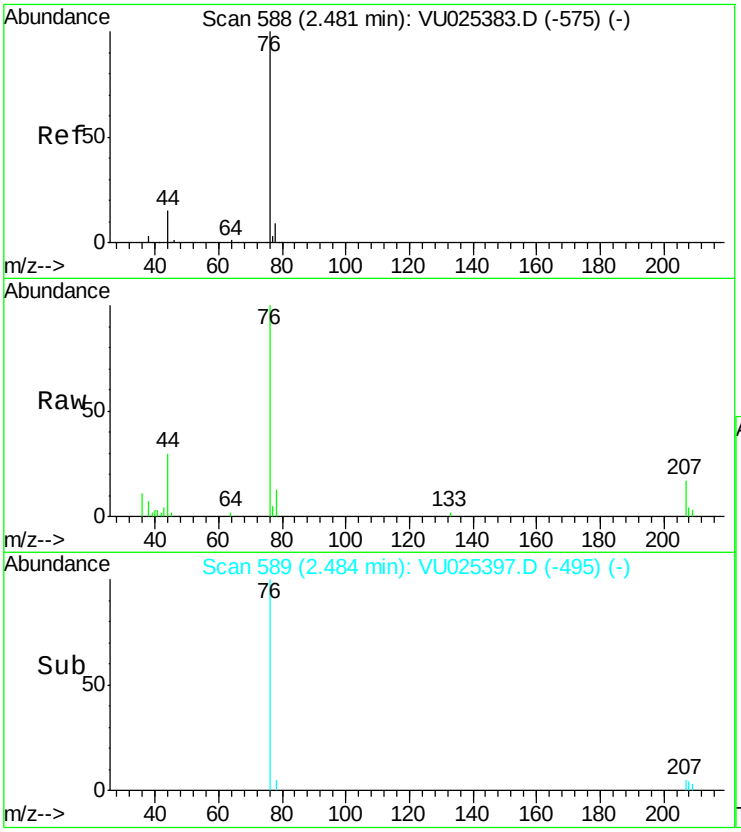


#13
Acetone
Concen: 8.622 ug/L
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Tgt Ion: 43 Resp: 14604

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	59.4



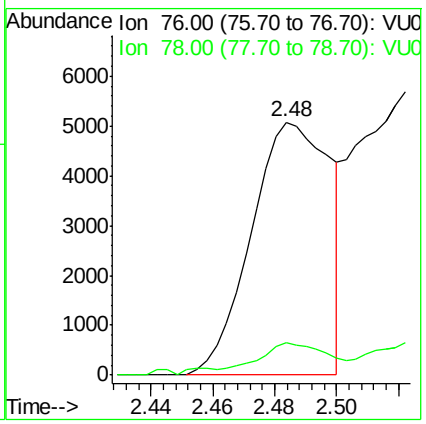


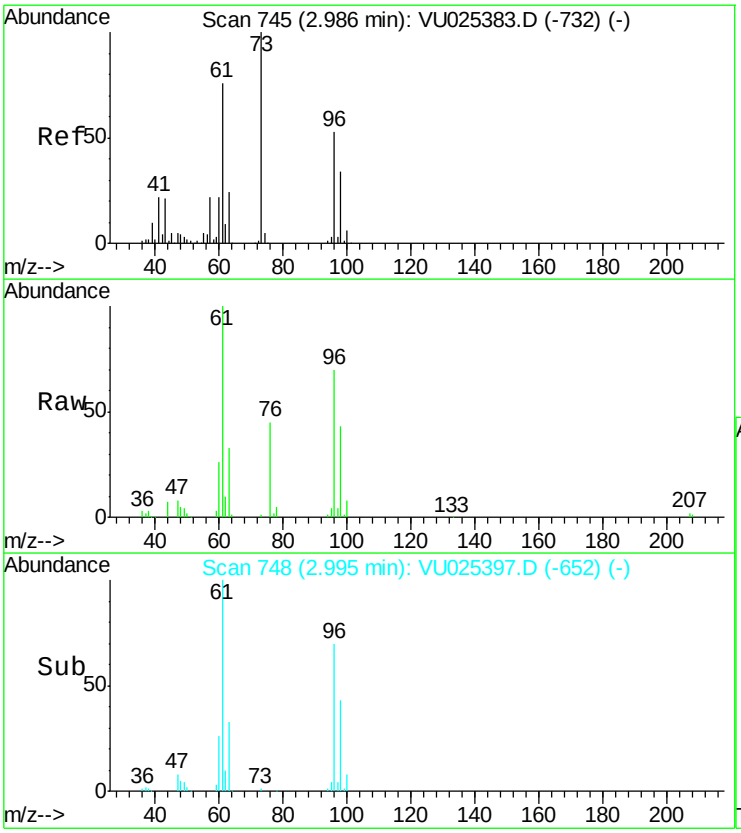
#14
Carbon disulfide
Concen: 1.467 ug/L
RT: 2.48 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 76 Resp: 8962

Ion	Ratio	Lower	Upper
76	100		
78	12.8	7.3	10.9#

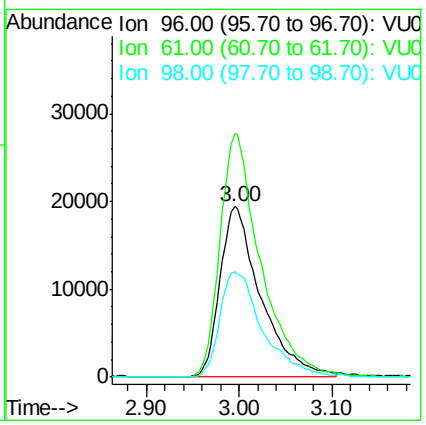


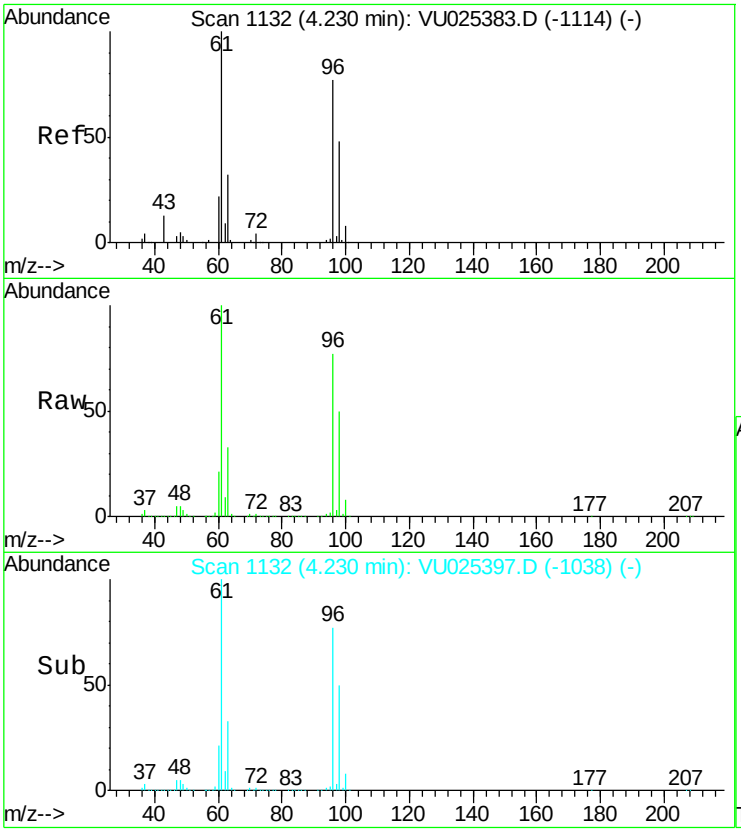


#17
trans-1,2-Dichloroethene
Concen: 27.122 ug/L
RT: 3.00 min Scan# 748
Delta R.T. 0.01 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Tgt Ion: 96 Resp: 59405

Ion	Ratio	Lower	Upper
96	100		
61	143.2	102.7	190.7
98	61.7	44.4	82.5



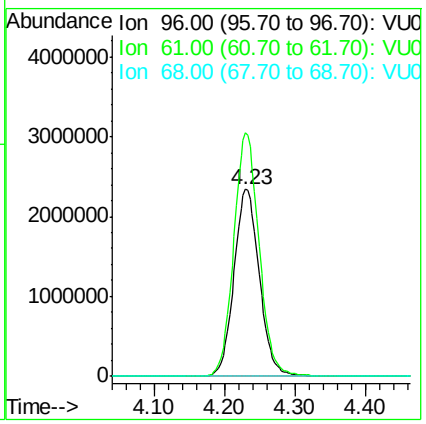


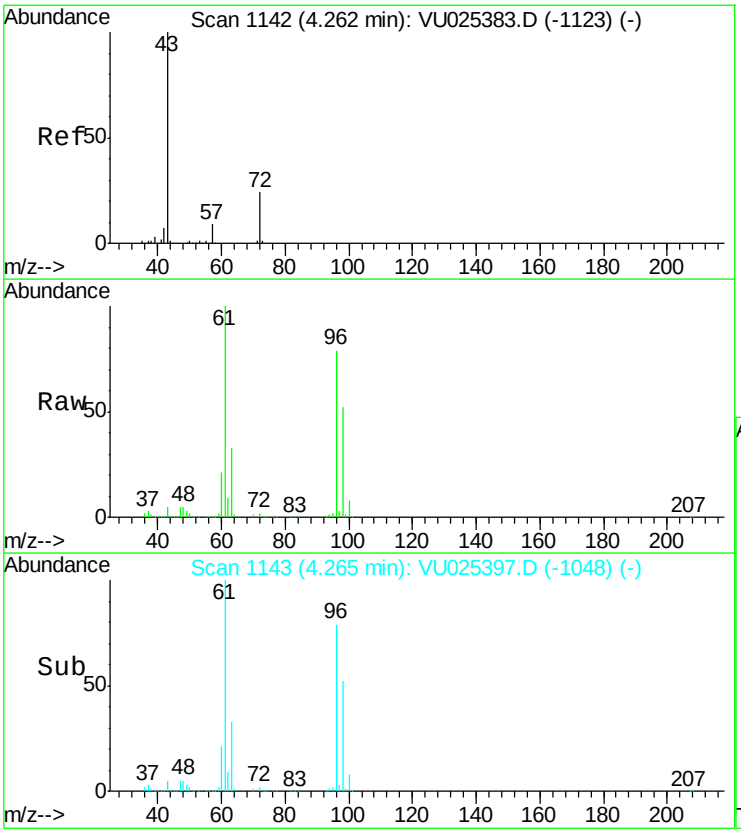
#20
cis-1,2-Dichloroethene
Concen: 2322.261 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 96 Resp: 5874371

Ion	Ratio	Lower	Upper
96	100		
61	130.4	93.4	173.6
68	0.0	0.0	0.0

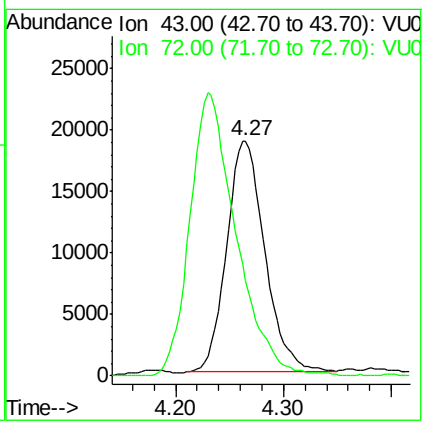


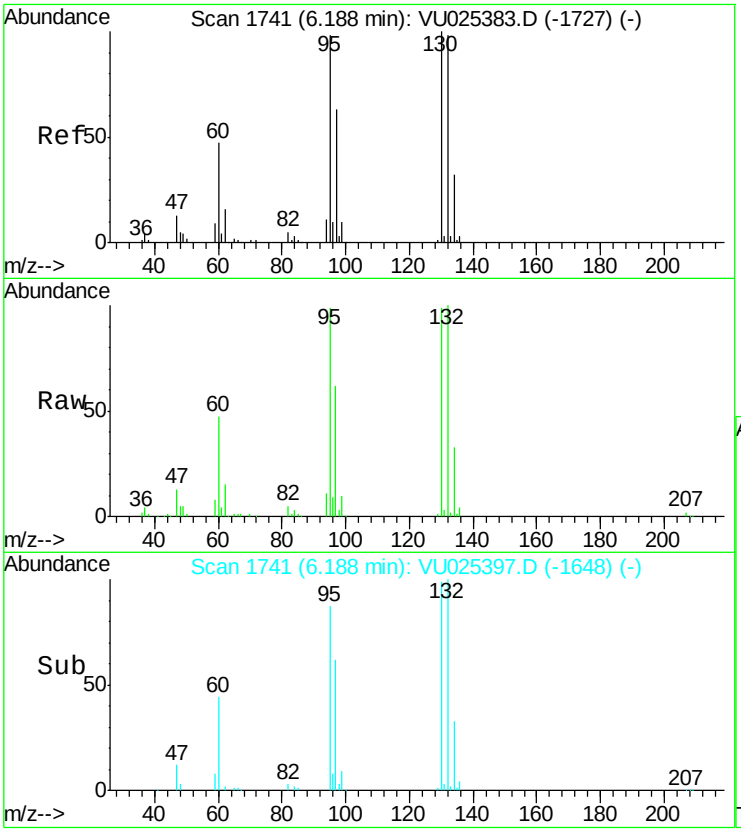


#22
2-Butanone
Concen: 23.163 ug/L
RT: 4.27 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Tgt Ion: 43 Resp: 46414

Ion	Ratio	Lower	Upper
43	100		
72	146.7	13.7	41.0#



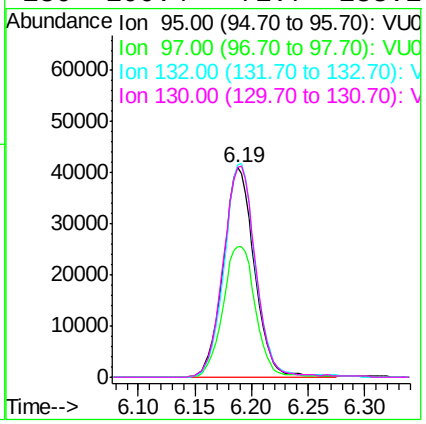


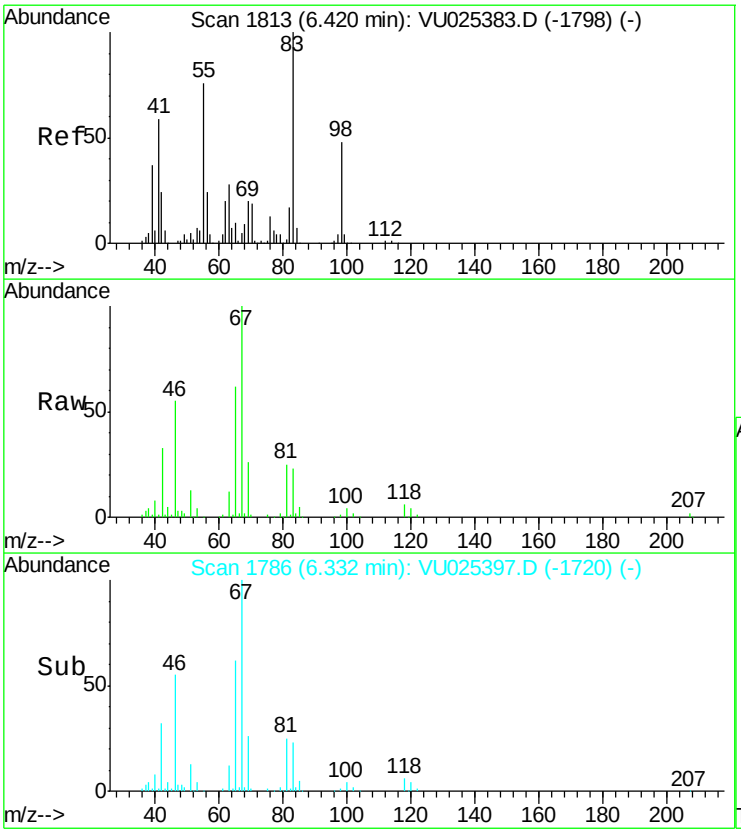
#34
Trichloroethene
Concen: 32.635 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion: 95 Resp: 78710

Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.1	81.9
132	101.3	70.2	130.4
130	100.4	71.7	133.1

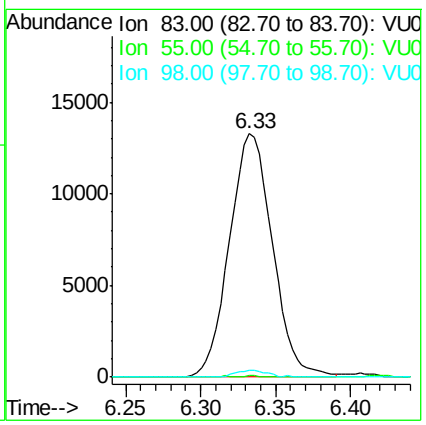


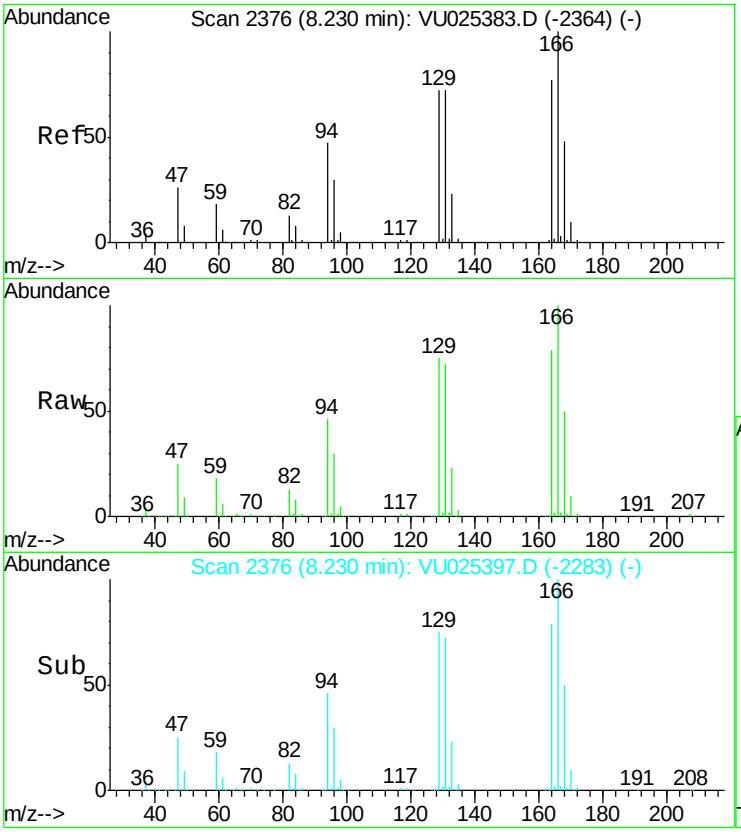


#35
Methylcyclohexane
Concen: 6.622 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Tgt Ion: 83 Resp: 26652

Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.8	92.6#
98	1.9	37.4	56.0#





#46
Tetrachloroethene
Concen: 93.890 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025397.D
Acq: 13 Jul 2018 17:29

Instrument :
MSVOA_U
ClientSampleId :
BFB

Tgt Ion:164 Resp: 191685

Ion	Ratio	Lower	Upper
164	100		
129	95.1	66.1	122.8
131	91.7	62.7	116.5
166	127.2	88.8	165.0