Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071318\

Quantitation Report (QT/LSC Reviewed)

Data File : VU025400.D
Acq On : 13 Jul 2018 20:20
Operator : MD/SY
Sample : J3984-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB181

Quant Time: Jul 14 04:37:55 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	300055	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	288943	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136257	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	82319	45.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.78%			
7) Chloroethane-d5	1.68	69	66473	44.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.86%			
11) 1,1-Dichloroethene-d2	2.27	63	118059	30.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.34%			
21) 2-Butanone-d5	4.17	46	151231	100.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.87%			
24) Chloroform-d	4.65	84	172089	44.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.58%			
26) 1,2-Dichloroethane-d4	5.31	65	125695	46.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.28%			
32) Benzene-d6	5.34	84	339829	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.74%			
36) 1,2-Dichloropropane-d6	6.33	67	108829	43.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.20%			
41) Toluene-d8	7.57	98	329407	42.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.94%			
43) trans-1,3-Dichloropropene-	7.85	79	46568	36.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.56%			
47) 2-Hexanone-d5	8.31	63	114144	99.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.04%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158888	44.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.82%			
64) 1,2-Dichlorobenzene-d4	11.86	152	135214	45.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.08%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	8584	3.817	ug/L	98
5) Vinyl chloride	1.40	62	1087847	467.468	ug/L	99
13) Acetone	2.32	43	10491	6.808	ug/L	99
14) Carbon disulfide	2.48	76	16046	2.887	ug/L	98
15) Methyl Acetate	2.61	43	16077	6.819	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	227674	98.929	ug/L	99
42) Toluene	7.64	91	15119	1.588	ug/L	100

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

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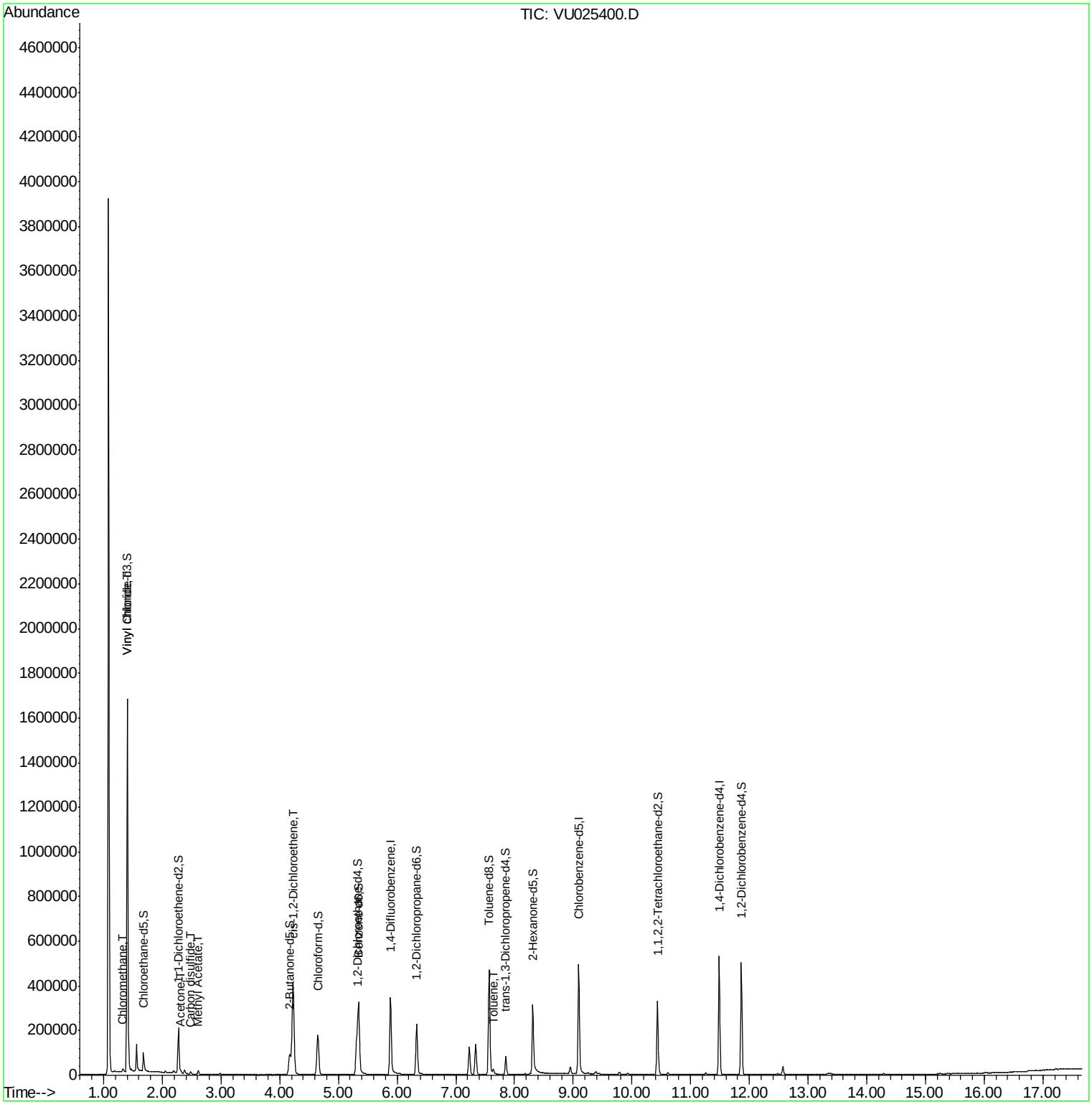
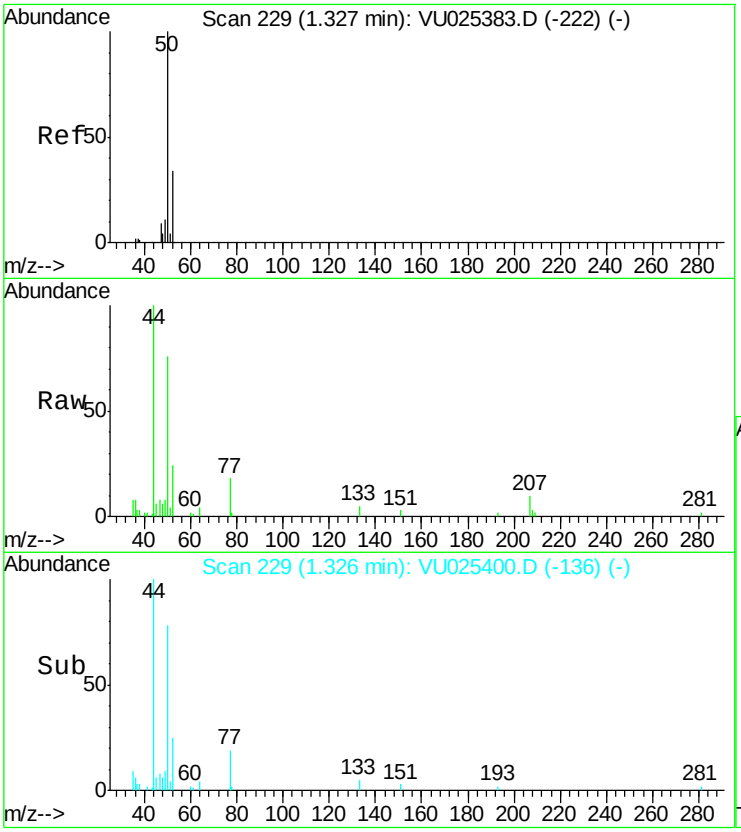


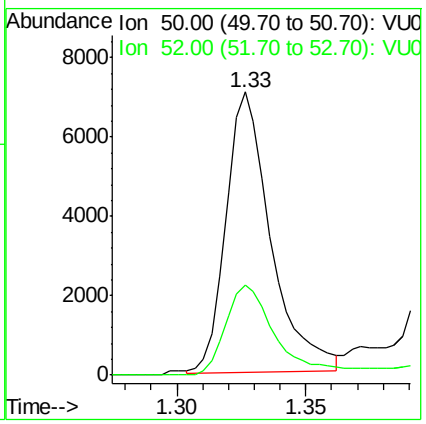


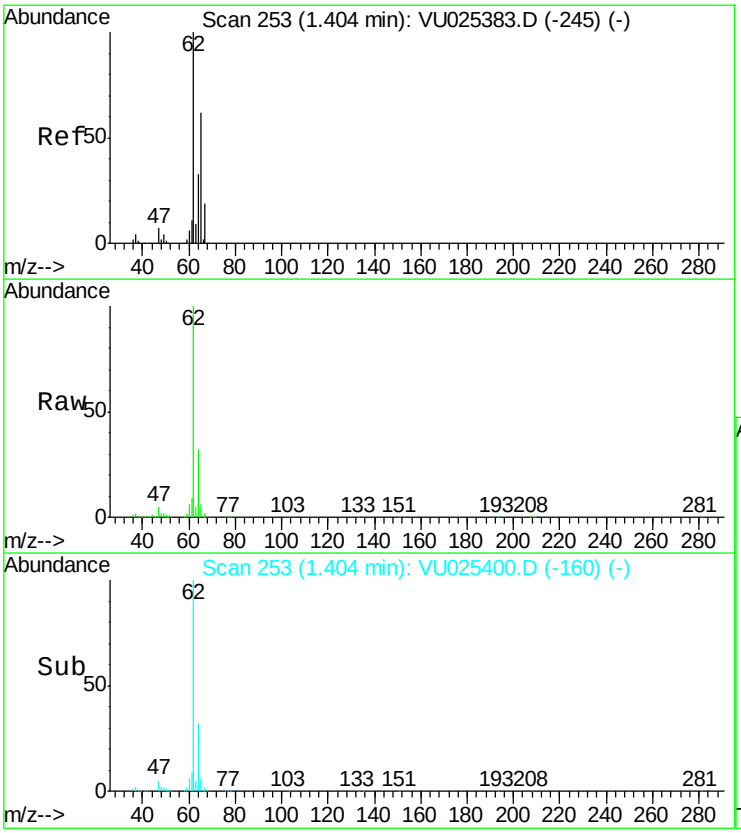
#3
Chloromethane
Concen: 3.817 ug/L
RT: 1.33 min Scan# 229
Delta R.T. 0.00 min
Lab File: VU025400.D
Acq: 13 Jul 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
DB181

Tgt Ion: 50 Resp: 8584

Ion	Ratio	Lower	Upper
50	100		
52	32.0	23.1	42.9

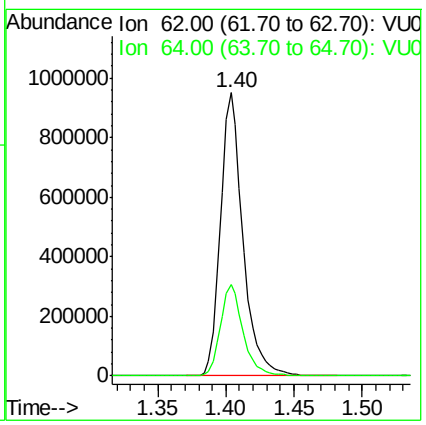


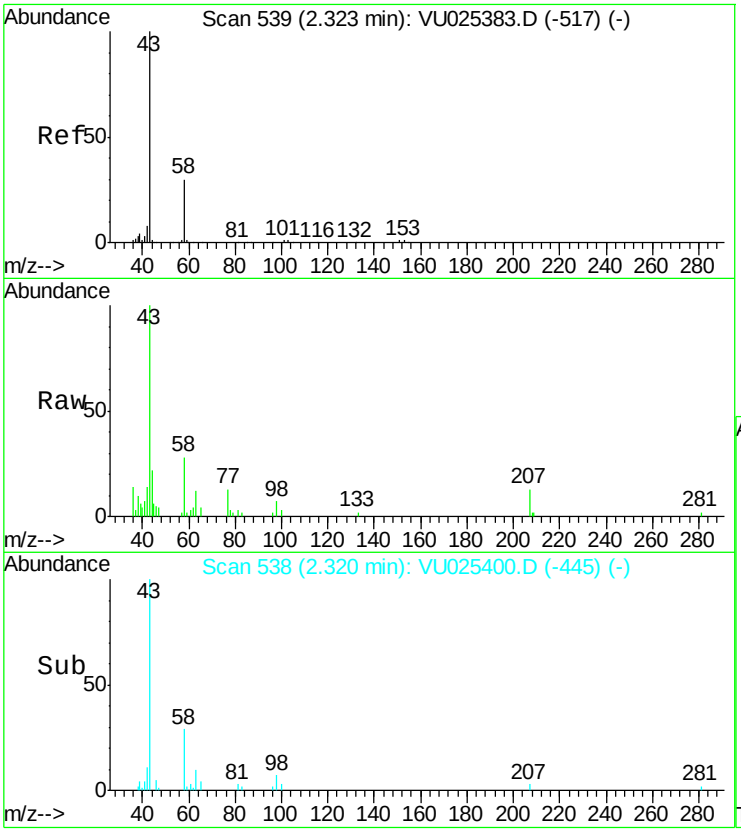


#5
Vinyl chloride
Concen: 467.468 ug/L
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025400.D
Acq: 13 Jul 2018 20:20

Tgt Ion: 62 Resp: 1087847

Ion	Ratio	Lower	Upper
62	100		
64	32.3	23.0	42.8



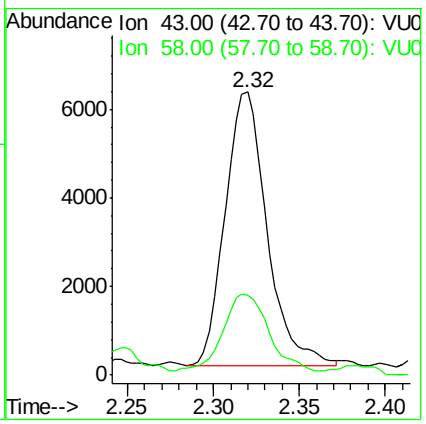


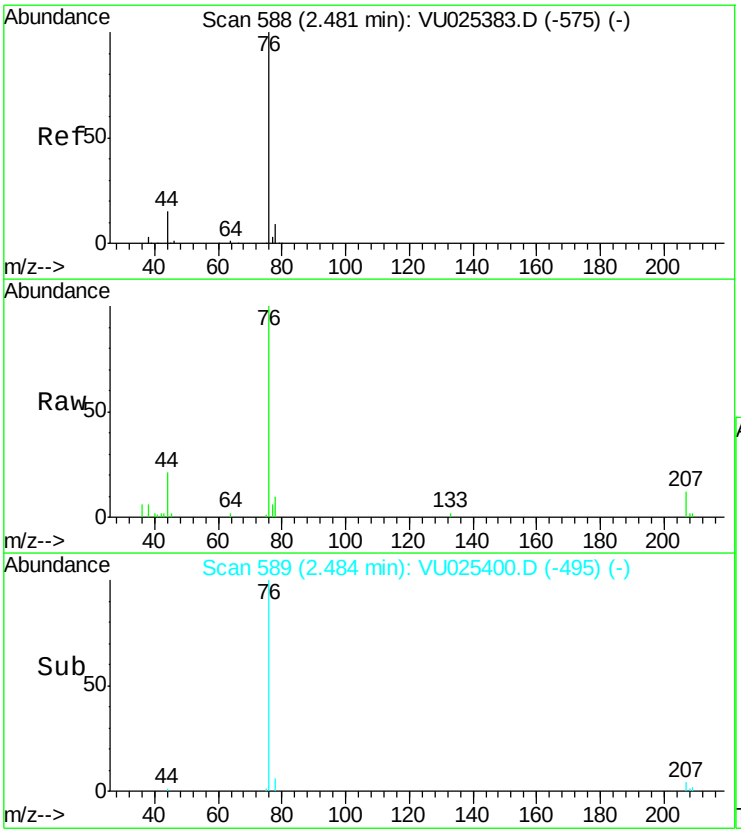
#13
Acetone
Concen: 6.808 ug/L
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU025400.D
Acq: 13 Jul 2018 20:20

Instrument : MSVOA_U
ClientSampleId : DB181

Tgt Ion: 43 Resp: 10491

Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	59.4

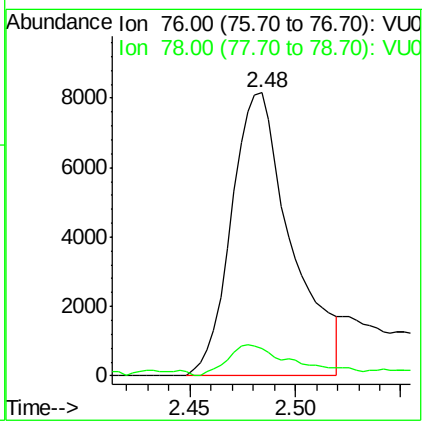


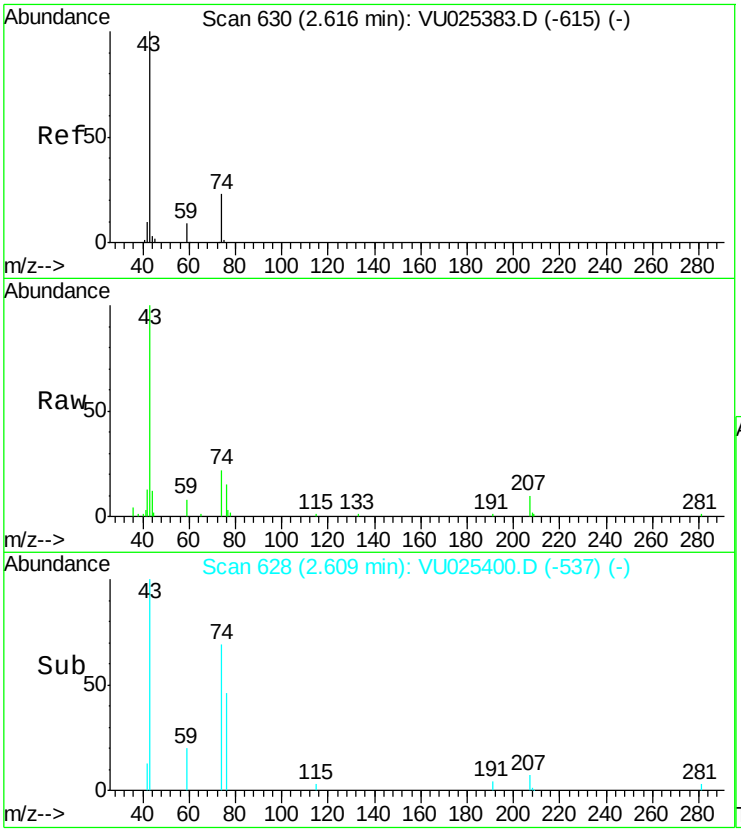


#14
Carbon disulfide
Concen: 2.887 ug/L
RT: 2.48 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU025400.D
Acq: 13 Jul 2018 20:20

Tgt Ion: 76 Resp: 16046

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9



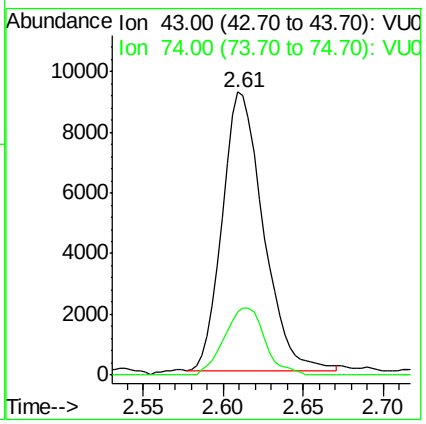


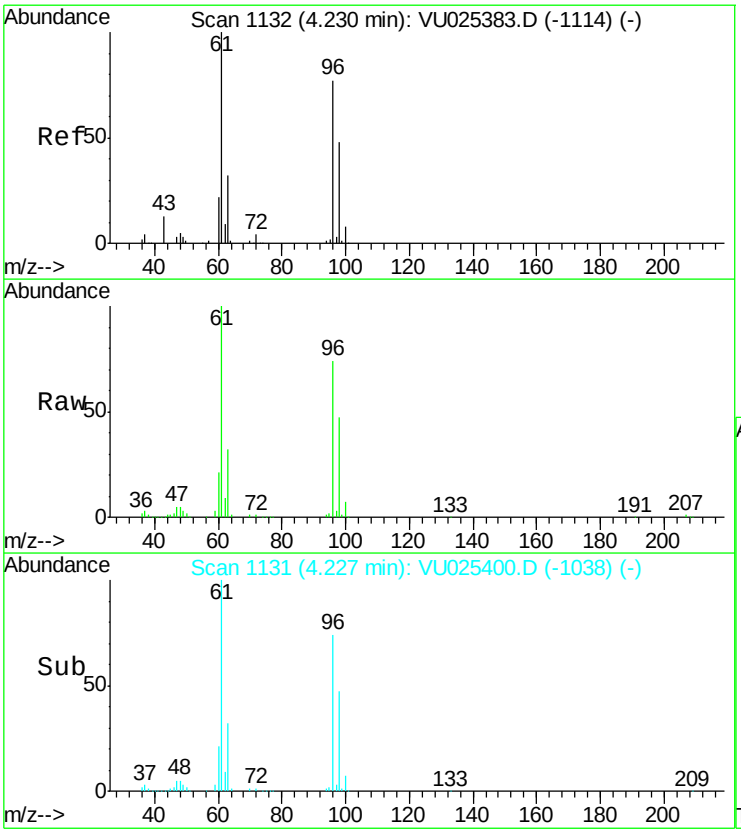
#15
Methyl Acetate
Concen: 6.819 ug/L
RT: 2.61 min Scan# 628
Delta R.T. -0.01 min
Lab File: VU025400.D
Acq: 13 Jul 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
DB181

Tgt Ion: 43 Resp: 16077

Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.6	28.0

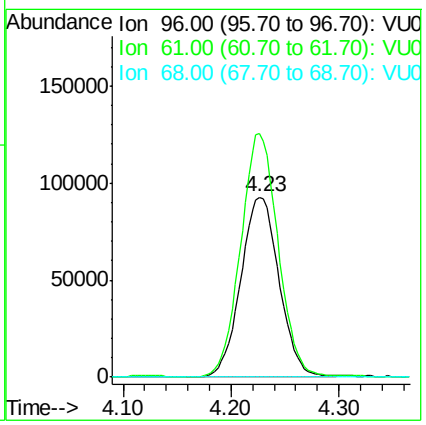


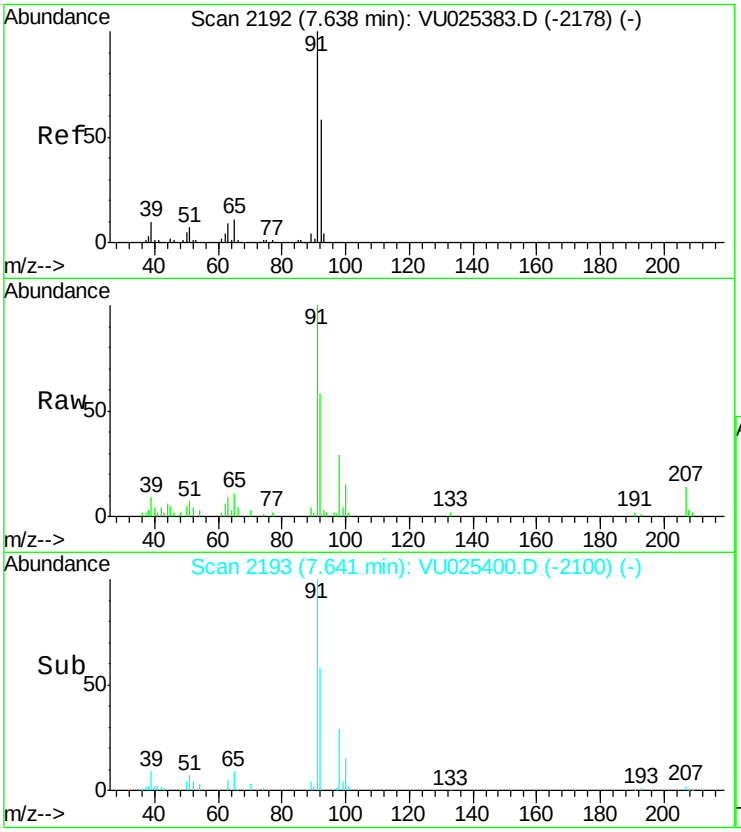


#20
cis-1,2-Dichloroethene
Concen: 98.929 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VU025400.D
Acq: 13 Jul 2018 20:20

Tgt Ion: 96 Resp: 227674

Ion	Ratio	Lower	Upper
96	100		
61	135.1	93.4	173.6
68	0.0	0.0	0.0





#42
Toluene
Concen: 1.588 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025400.D
Acq: 13 Jul 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
DB181

Tgt Ion: 91 Resp: 15119

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.7	75.5