Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\
Data File : VU032820.D
Acq On : 18 Jun 2019 13:37
Operator : JC/SP
Sample : K3363-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JR2

Quant Time: Jun 19 04:14:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236679	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	227934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114346	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	73969	45.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.46%			
7) Chloroethane-d5	1.67	69	62261	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.52%			
11) 1,1-Dichloroethene-d2	2.26	63	115486	35.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.88%			
21) 2-Butanone-d5	4.17	46	150748	111.97	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.97%			
24) Chloroform-d	4.64	84	149026	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.78%			
26) 1,2-Dichloroethane-d4	5.30	65	104169	49.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.46%			
32) Benzene-d6	5.33	84	298451	50.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.46%			
36) 1,2-Dichloropropane-d6	6.32	67	96360	50.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.82%			
41) Toluene-d8	7.56	98	275529	49.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.04%			
43) trans-1,3-Dichloropropene-	7.84	79	42358	43.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.04%			
47) 2-Hexanone-d5	8.31	63	102219	115.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.66%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	140997	48.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.38%			
64) 1,2-Dichlorobenzene-d4	11.86	152	111800	50.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.06%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	91256	42.460	ug/L	99
12) 1,1-Dichloroethene	2.28	96	6808	4.568	ug/L #	1
13) Acetone	2.32	43	12971	6.975	ug/L	97
15) Methyl Acetate	2.62	43	3412	1.619	ug/L	92
16) Methylene chloride	2.69	84	2694	1.540	ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	5249	3.248	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	789408	448.339	ug/L	96
34) Trichloroethene	6.19	95	2947	1.680	ug/L	88

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

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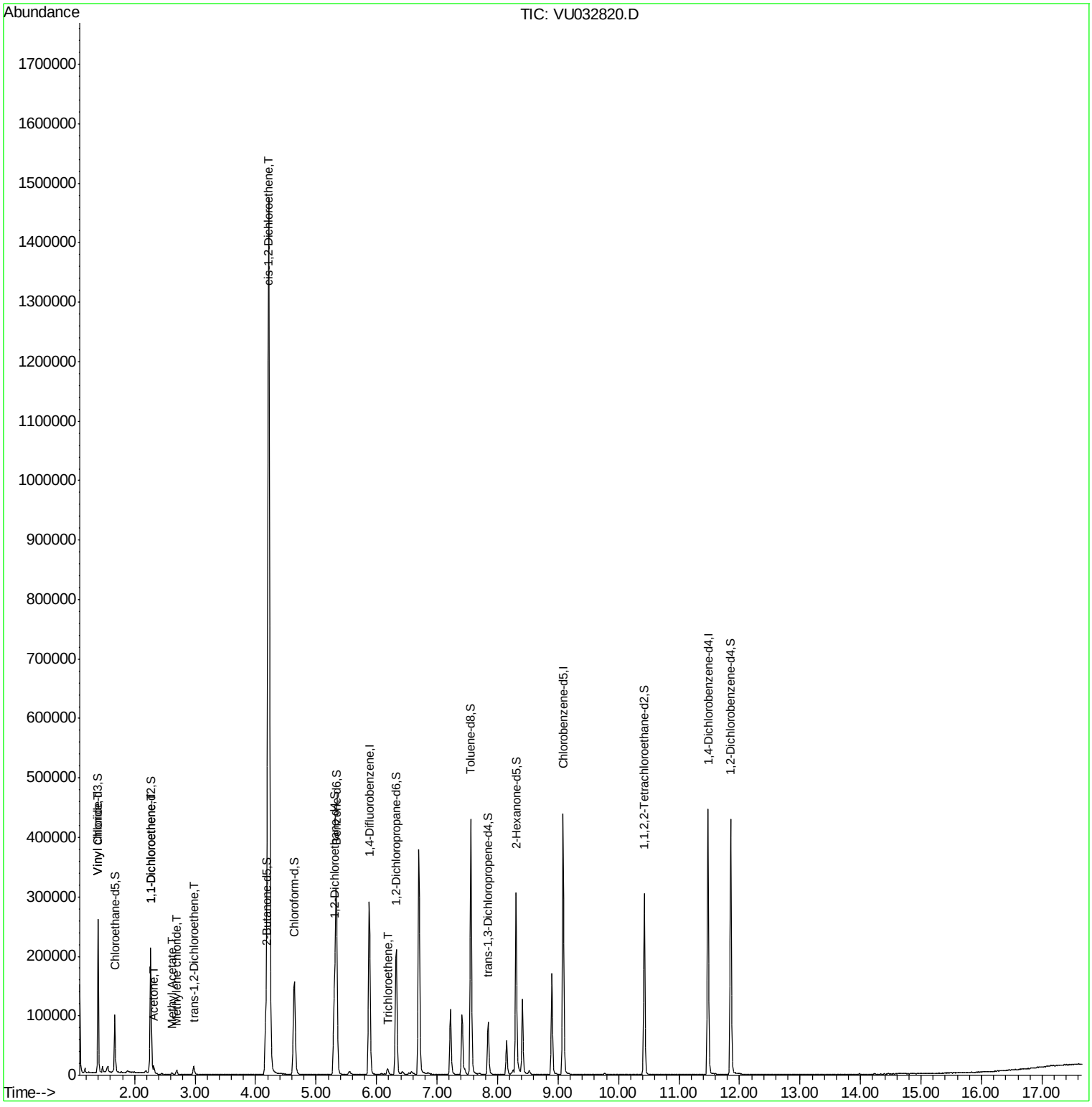
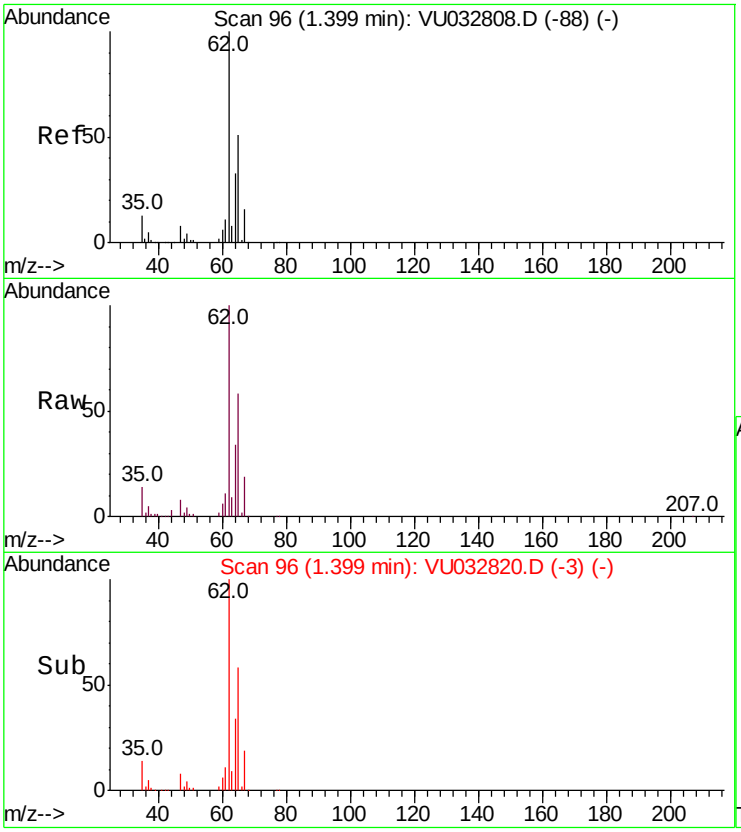


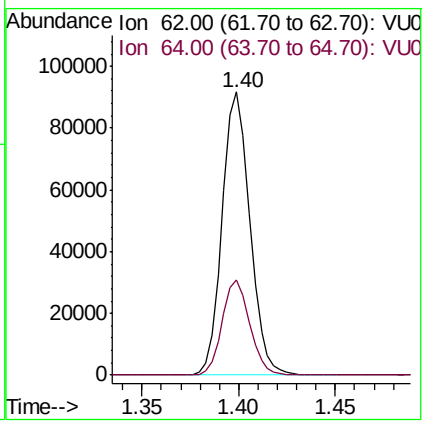


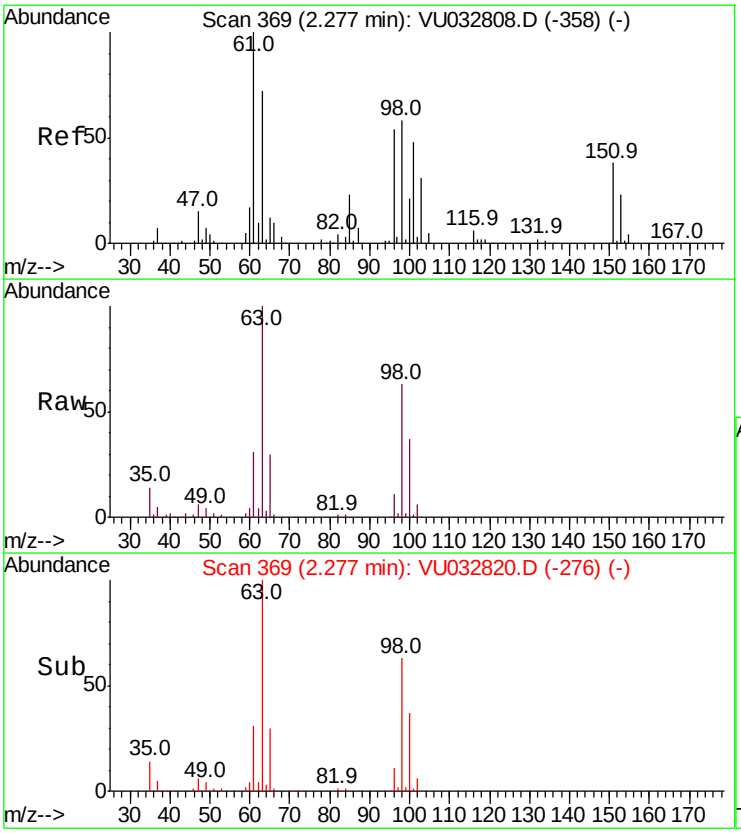
#5
Vinyl chloride
Concen: 42.460 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU032820.D
Acq: 18 Jun 2019 13:37

Instrument : MSVOA_U
ClientSampleId : C0JR2

Tgt Ion: 62 Resp: 91256

Ion	Ratio	Lower	Upper
62	100		
64	33.5	23.0	42.6

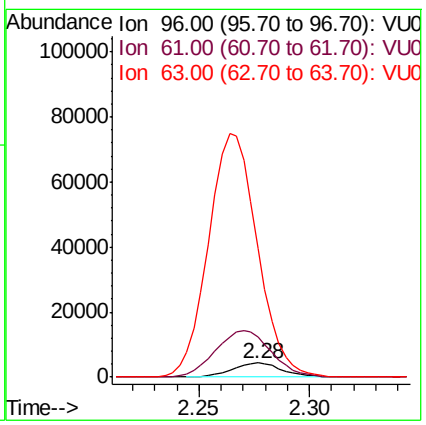


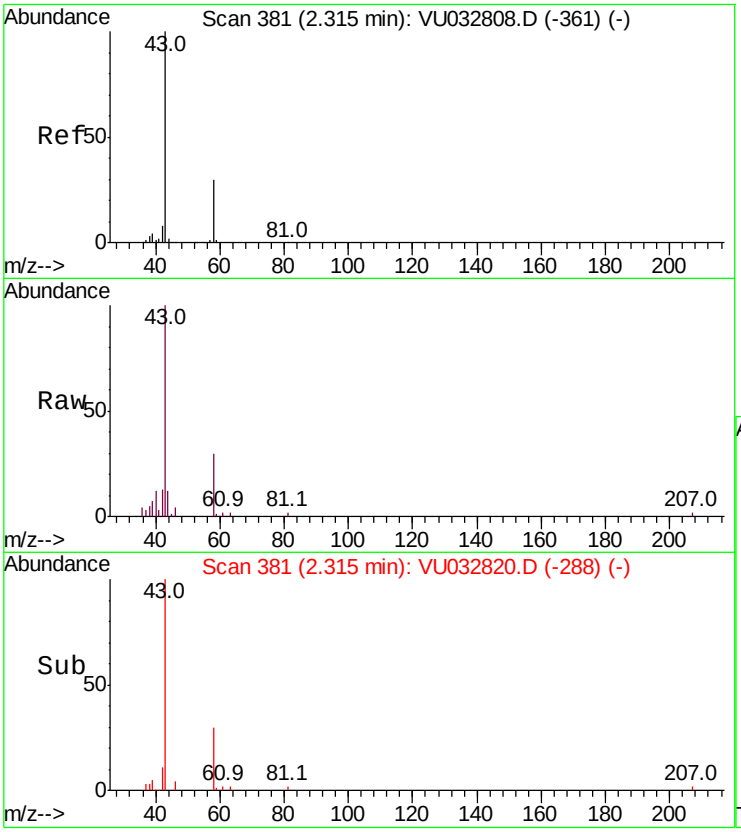


#12
1,1-Dichloroethene
Concen: 4.568 ug/L
RT: 2.28 min Scan# 369
Delta R.T. 0.00 min
Lab File: VU032820.D
Acq: 18 Jun 2019 13:37

Tgt Ion: 96 Resp: 6808

Ion	Ratio	Lower	Upper
96	100		
61	280.2	131.0	243.4#
63	916.2	101.0	187.6#



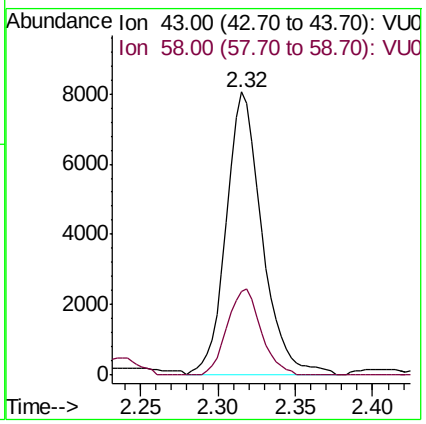


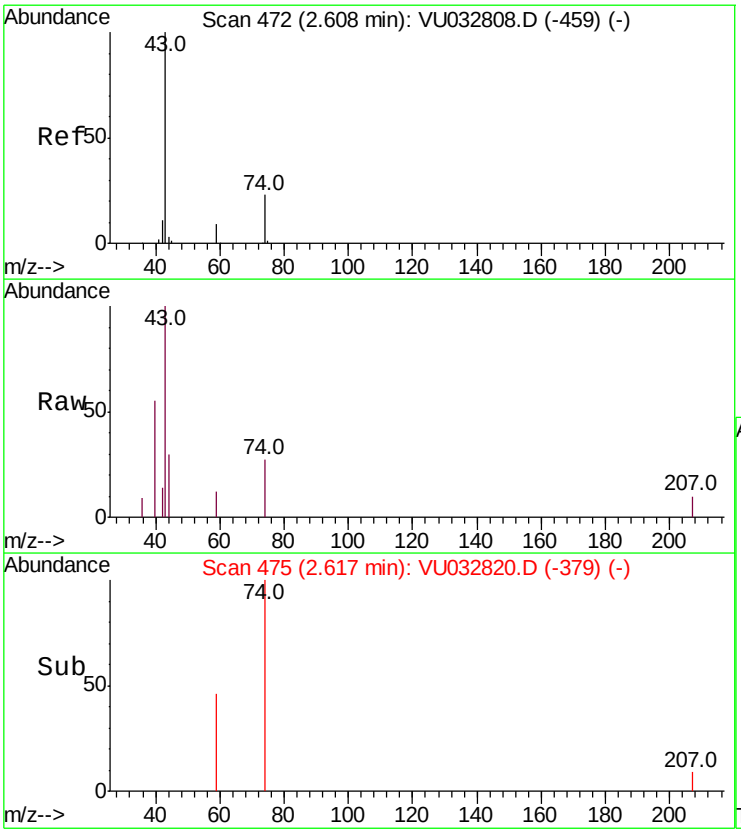
#13
Acetone
Concen: 6.975 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032820.D
Acq: 18 Jun 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
C0JR2

Tgt Ion: 43 Resp: 12971

Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	60.6

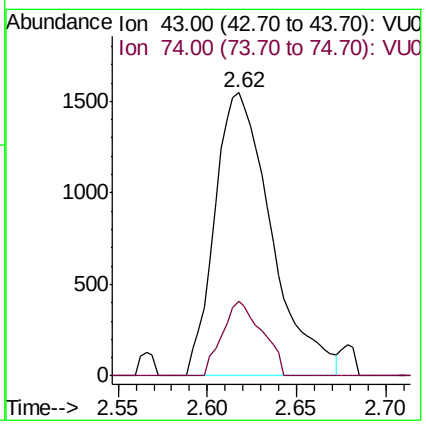


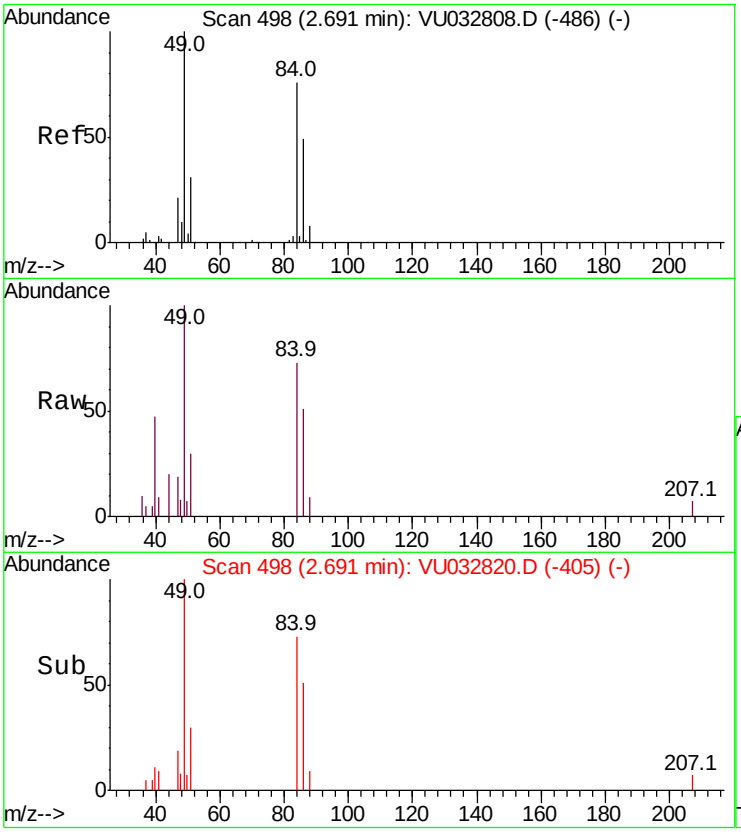


#15
Methyl Acetate
Concen: 1.619 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032820.D
Acq: 18 Jun 2019 13:37

Tgt Ion: 43 Resp: 3412

Ion	Ratio	Lower	Upper
43	100		
74	18.6	18.1	27.1



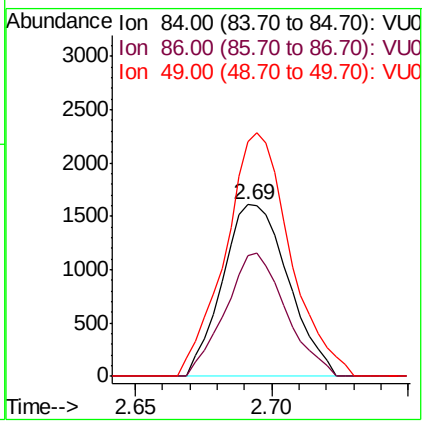


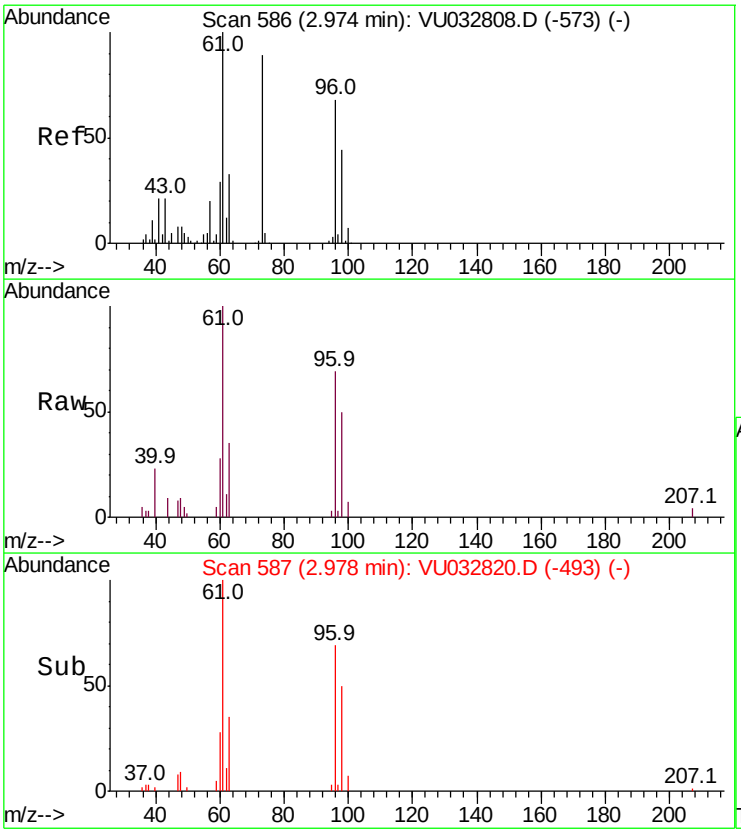
#16
Methylene chloride
Concen: 1.540 ug/L
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU032820.D
Acq: 18 Jun 2019 13:37

Instrument : MSVOA_U
ClientSampleId : C0JR2

Tgt Ion: 84 Resp: 2694

Ion	Ratio	Lower	Upper
84	100		
86	70.0	45.5	84.5
49	137.0	92.1	171.1

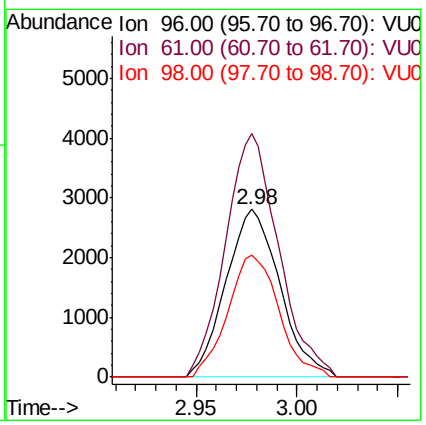


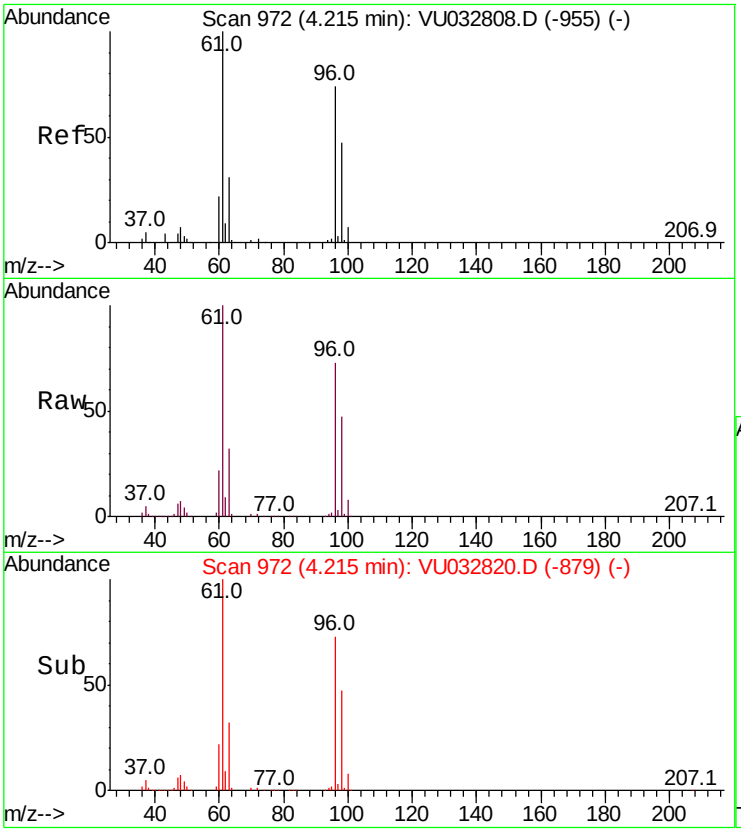


#17
trans-1,2-Dichloroethene
Concen: 3.248 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032820.D
Acq: 18 Jun 2019 13:37

Tgt Ion: 96 Resp: 5249

Ion	Ratio	Lower	Upper
96	100		
61	145.3	100.9	187.5
98	72.5	44.0	81.8



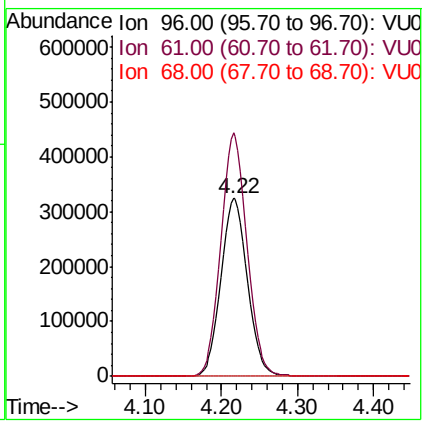


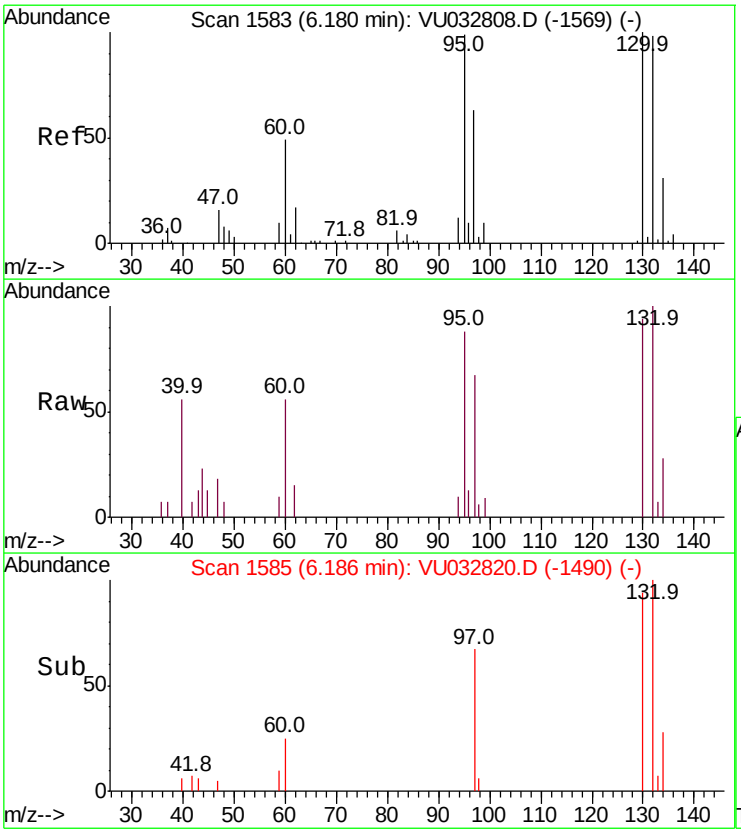
#20
cis-1,2-Dichloroethene
Concen: 448.339 ug/L
RT: 4.22 min Scan# 972
Delta R.T. 0.00 min
Lab File: VU032820.D
Acq: 18 Jun 2019 13:37

Instrument :
MSVOA_U
ClientSampleId :
C0JR2

Tgt Ion: 96 Resp: 789408

Ion	Ratio	Lower	Upper
96	100		
61	136.7	92.4	171.6
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 1.680 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU032820.D
Acq: 18 Jun 2019 13:37

Tgt Ion: 95 Resp: 2947

Ion	Ratio	Lower	Upper
95	100		
97	76.8	45.9	85.3
132	114.1	68.5	127.3
130	107.3	70.8	131.4