Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102419\
Data File : VU035464.D
Acq On : 24 Oct 2019 17:19
Operator : JC/SP
Sample : K5488-22DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G36DL

Quant Time: Oct 25 07:50:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	214407	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	221110	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66484	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	46375	3.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.00%			
7) Chloroethane-d5	1.93	69	51335	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.59	63	66936	2.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.40%#			
20) 2-Butanone-d5	4.70	46	229781	61.16	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.32%			
24) Chloroform-d	5.11	84	114876	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.75	65	69200	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
32) Benzene-d6	5.77	84	201872	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.80%			
36) 1,2-Dichloropropane-d6	6.74	67	79524	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.93	98	159736	3.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.00%#			
43) trans-1,3-Dichloropropene-	8.22	79	27392	3.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.40%			
46) 2-Hexanone-d5	8.68	63	145178	42.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.50%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	76321	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	52406	4.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	7967	0.429	ug/L #	50
17) Methyl tert-butyl Ether	3.43	73	22045	0.595	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	11772	0.792	ug/L	89
19) 1,1-Dichloroethane	3.92	63	4028	0.150	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	142170	8.653	ug/L	93
34) Trichloroethene	6.58	95	76747	4.388	ug/L	94

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

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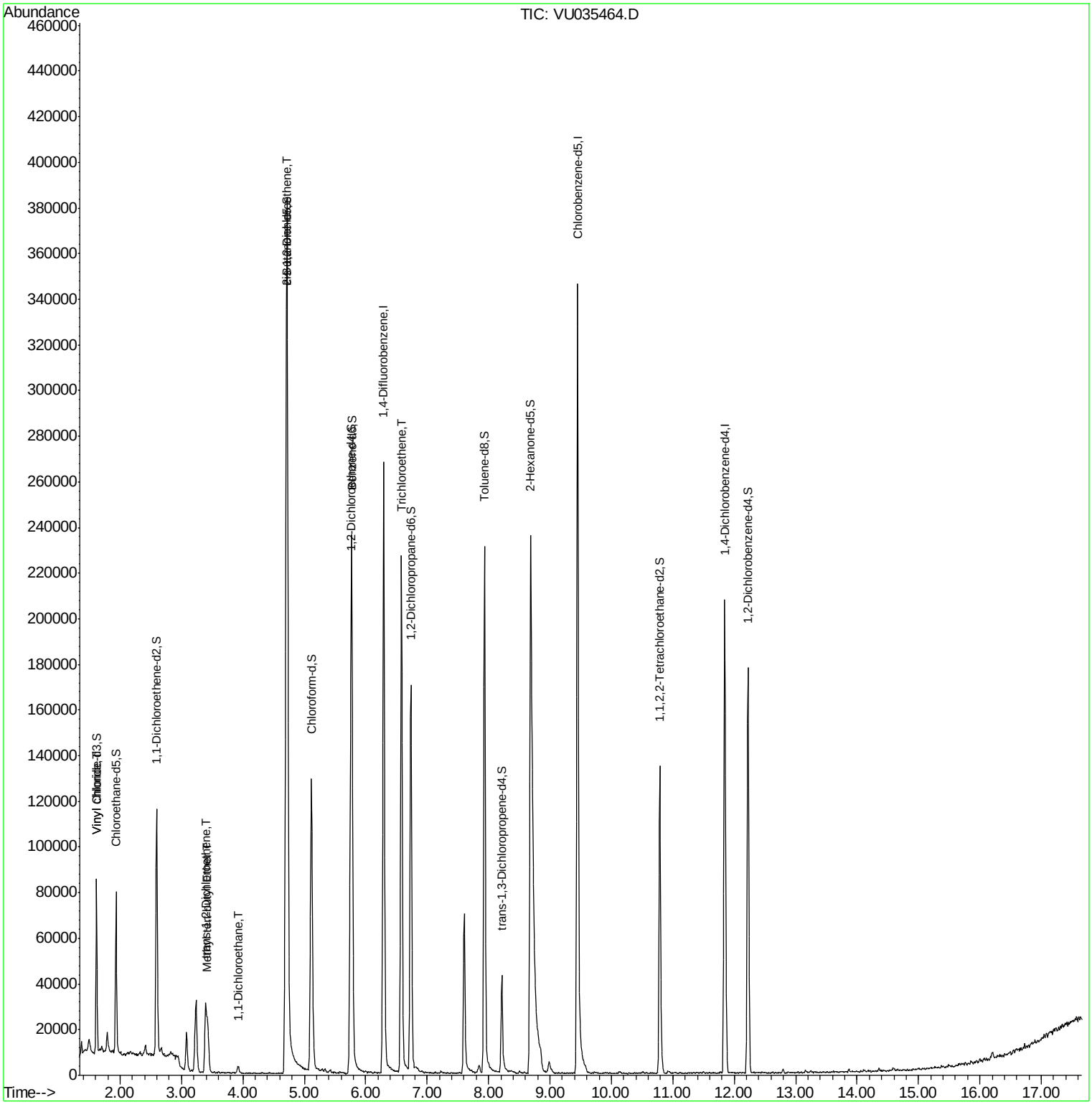
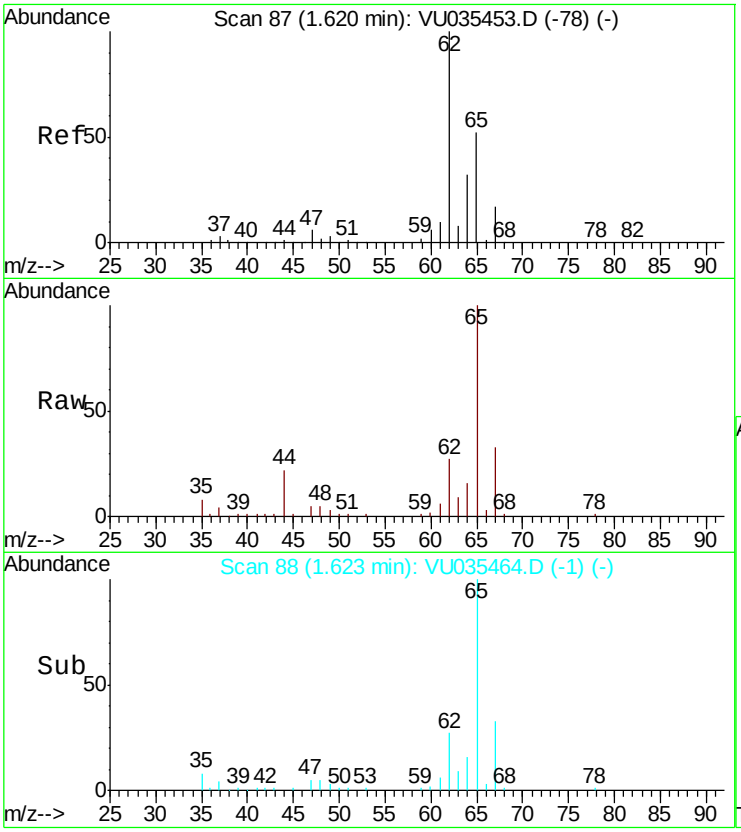


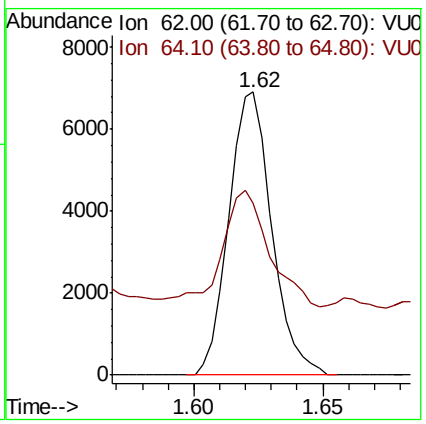


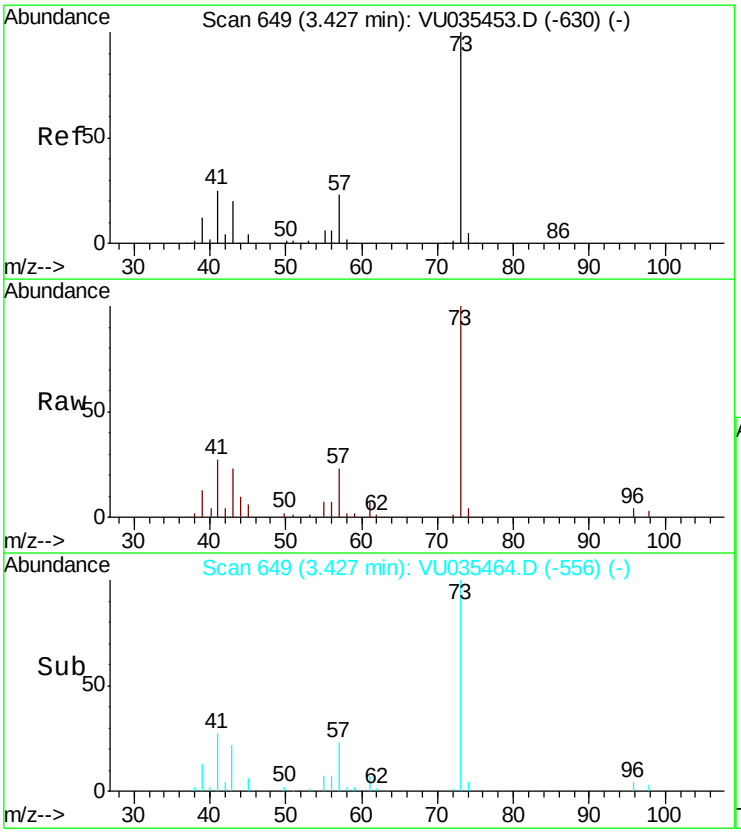
#5
Vinyl chloride
Concen: 0.429 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VU035464.D
Acq: 24 Oct 2019 17:19

Instrument :
MSVOA_U
ClientSampleId :
H0G36DL

Tgt Ion: 62 Resp: 7967

Ion	Ratio	Lower	Upper
62	100		
64	61.0	22.9	42.5#

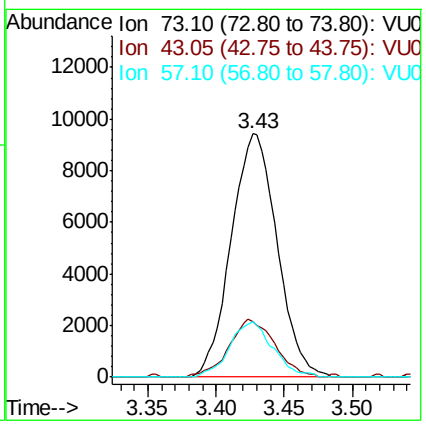


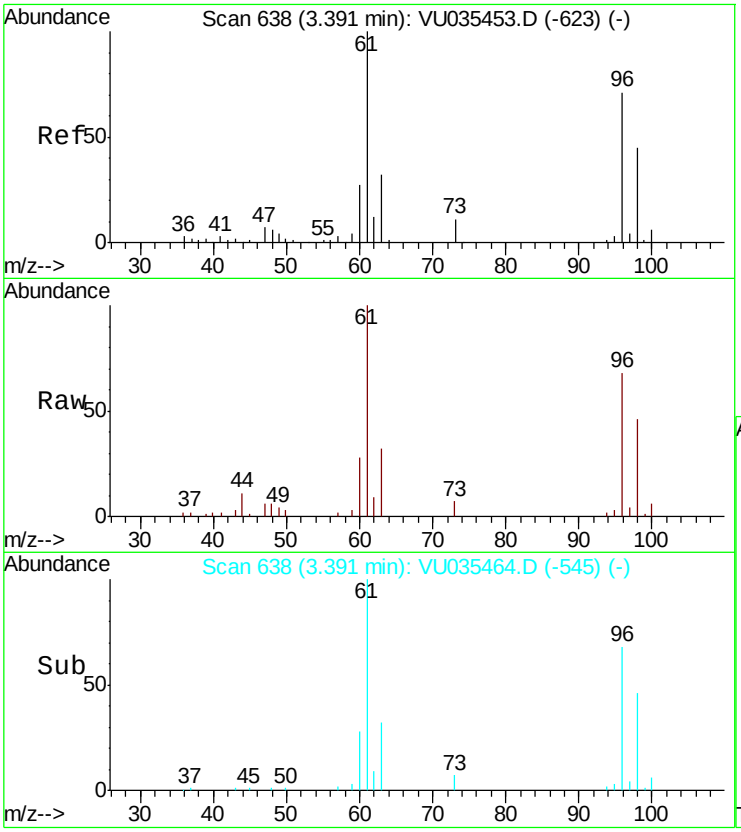


#17
Methyl tert-butyl Ether
Concen: 0.595 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035464.D
Acq: 24 Oct 2019 17:19

Tgt Ion: 73 Resp: 22045

Ion	Ratio	Lower	Upper
73	100		
43	23.7	16.0	24.0
57	21.4	17.4	26.2



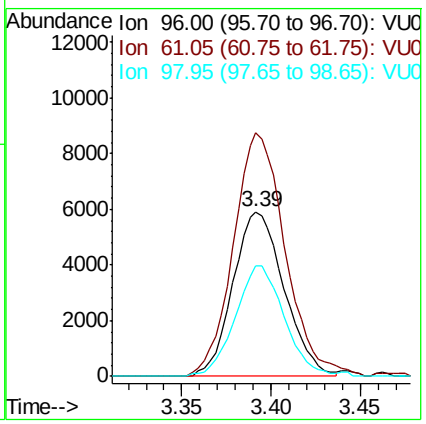


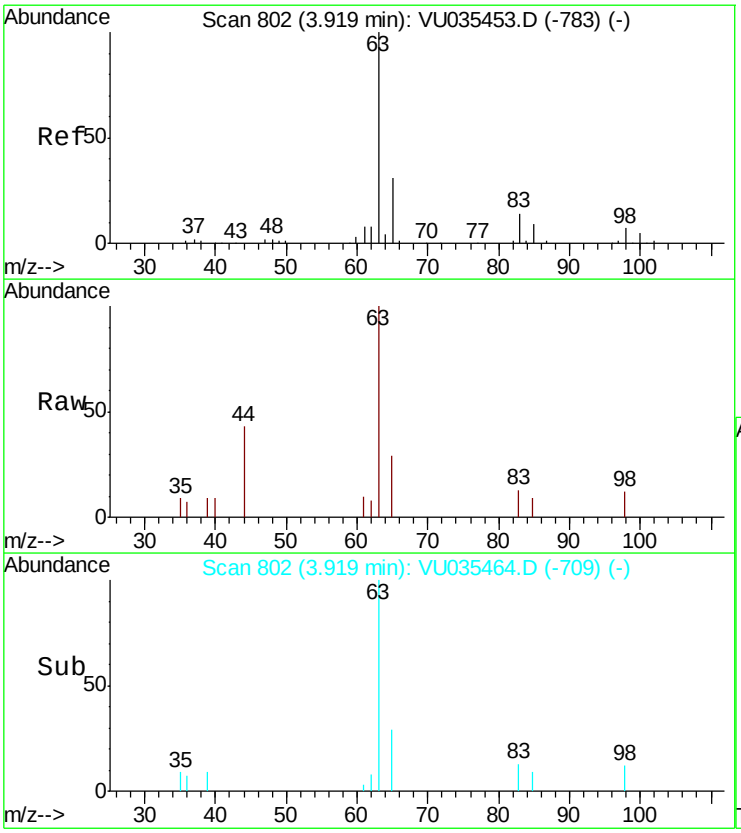
#18
trans-1,2-Dichloroethene
Concen: 0.792 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035464.D
Acq: 24 Oct 2019 17:19

Instrument :
MSVOA_U
ClientSampleId :
H0G36DL

Tgt Ion: 96 Resp: 11772

Ion	Ratio	Lower	Upper
96	100		
61	148.0	93.0	172.6
98	67.5	43.7	81.1

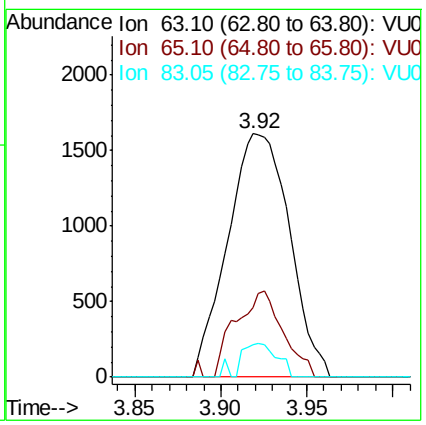


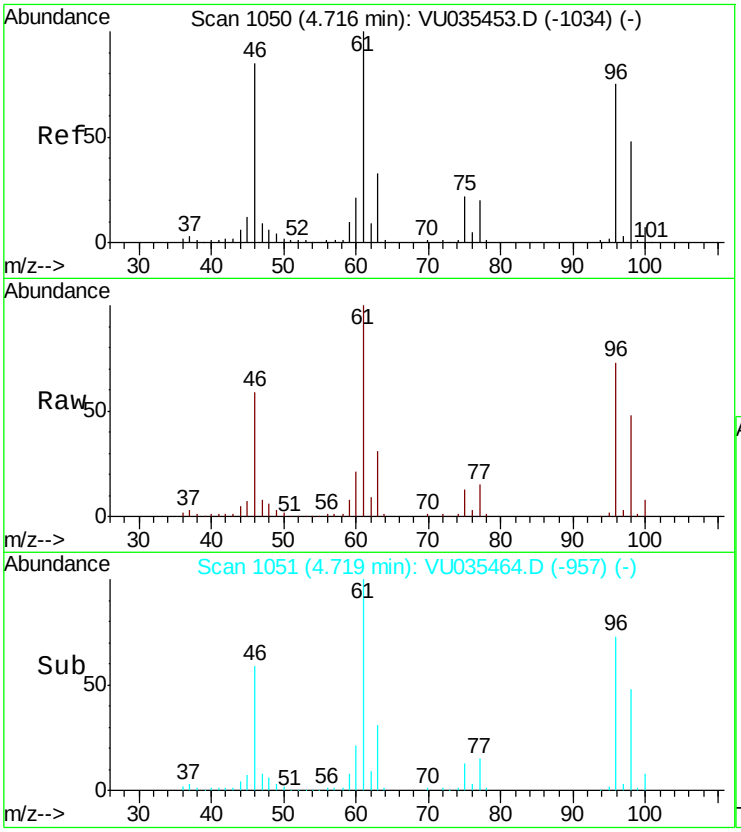


#19
1,1-Dichloroethane
Concen: 0.150 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035464.D
Acq: 24 Oct 2019 17:19

Tgt Ion: 63 Resp: 4028

Ion	Ratio	Lower	Upper
63	100		
65	28.8	22.4	41.6
83	13.1	9.3	17.3



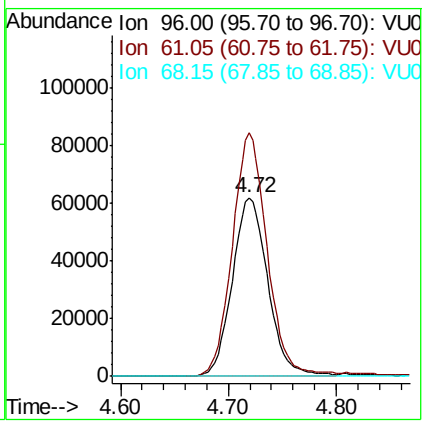


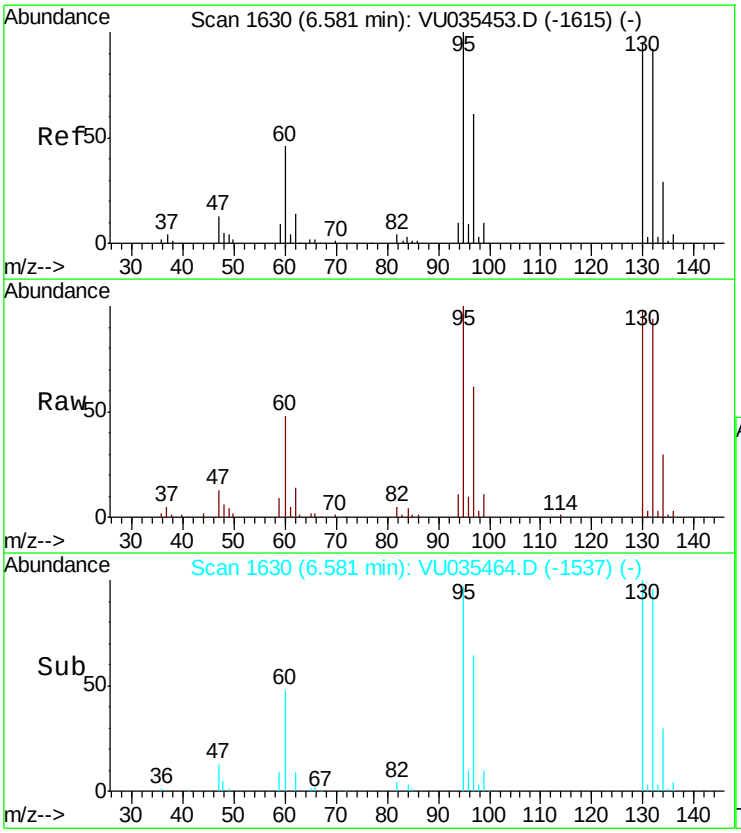
#22
cis-1,2-Dichloroethene
Concen: 8.653 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035464.D
Acq: 24 Oct 2019 17:19

Instrument :
MSVOA_U
ClientSampleId :
H0G36DL

Tgt Ion: 96 Resp: 142170

Ion	Ratio	Lower	Upper
96	100		
61	136.1	89.7	166.5
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 4.388 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035464.D
Acq: 24 Oct 2019 17:19

Tgt Ion: 95 Resp: 76747

Ion	Ratio	Lower	Upper
95	100		
97	62.4	46.6	86.6
132	94.3	68.7	127.7
130	97.8	73.9	137.3