Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\
Data File : VU035430.D
Acq On : 24 Oct 2019 00:37
Operator : JC/SP
Sample : K5488-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FZ0

Quant Time: Oct 24 07:37:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	214730	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	216226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	73745	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	51581	3.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.80%			
7) Chloroethane-d5	1.93	69	54875	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.59	63	74646	3.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%			
20) 2-Butanone-d5	4.71	46	249138	66.21	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.42%#			
24) Chloroform-d	5.11	84	114643	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.75	65	69418	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.77	84	219548	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.74	67	79582	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.93	98	172483	3.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.00%			
43) trans-1,3-Dichloropropene-	8.22	79	27554	3.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.40%			
46) 2-Hexanone-d5	8.69	63	156468	46.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.12%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	75933	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	63873	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	245876	13.206	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	150403	4.051	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	545933	36.670	ug/L	95
19) 1,1-Dichloroethane	3.92	63	30922	1.149	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	2253487	136.946	ug/L	97
33) Benzene	5.82	78	9383	0.147	ug/L	100
34) Trichloroethene	6.58	95	11425	0.668	ug/L	94

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

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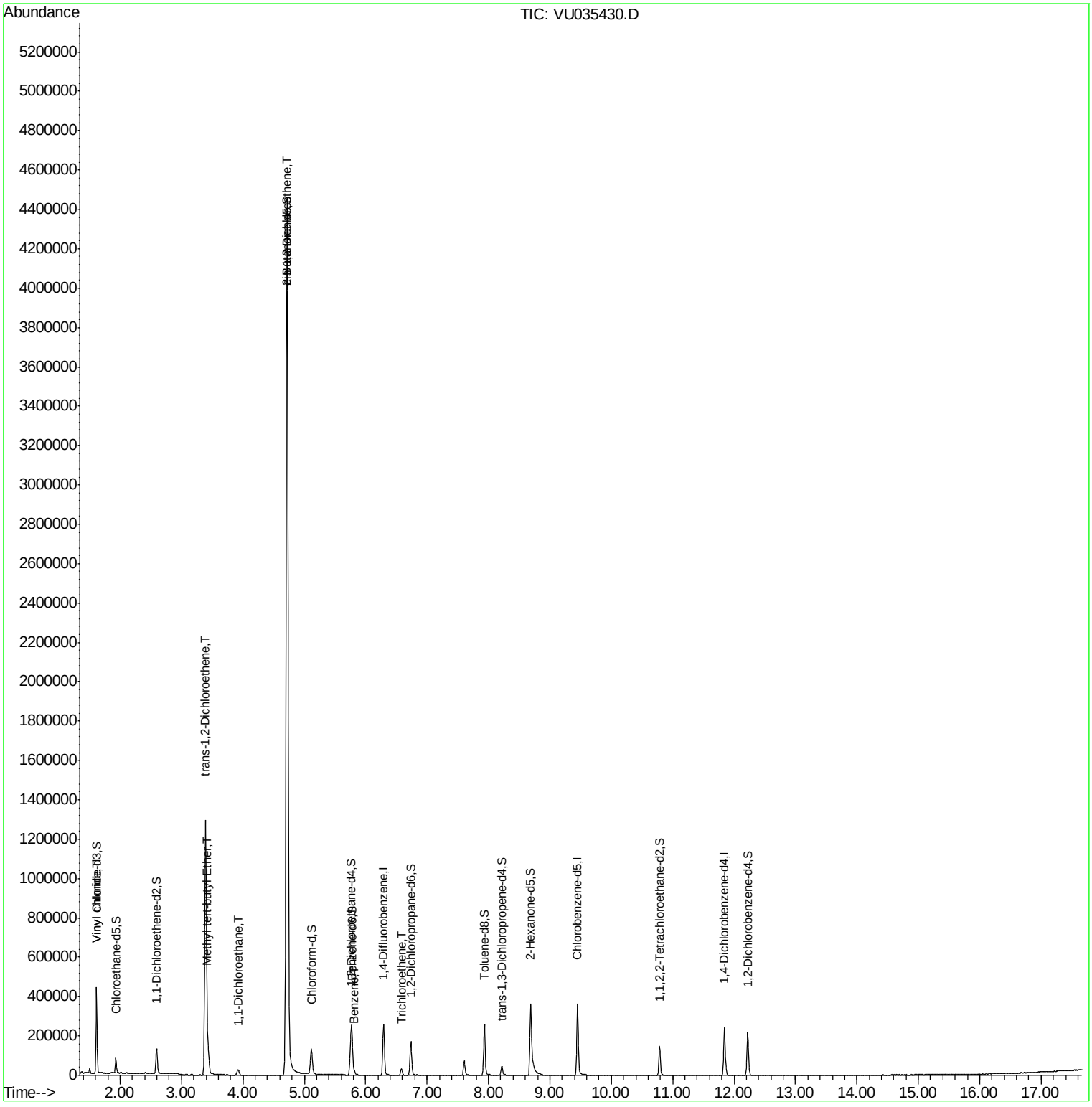
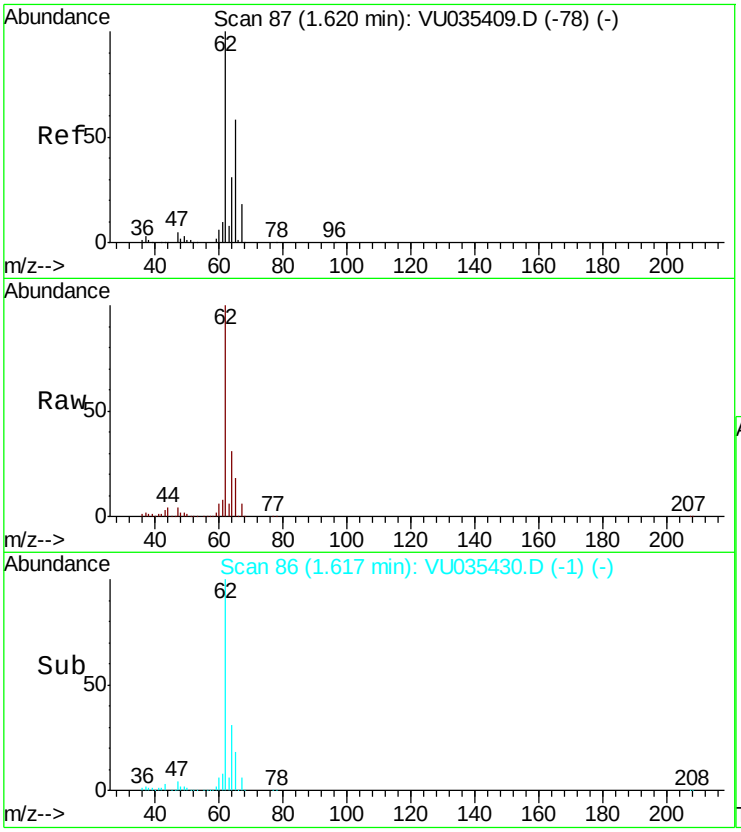


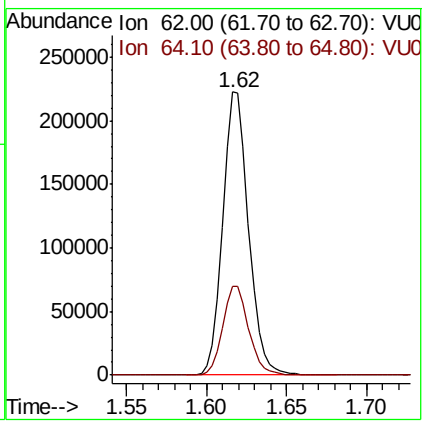


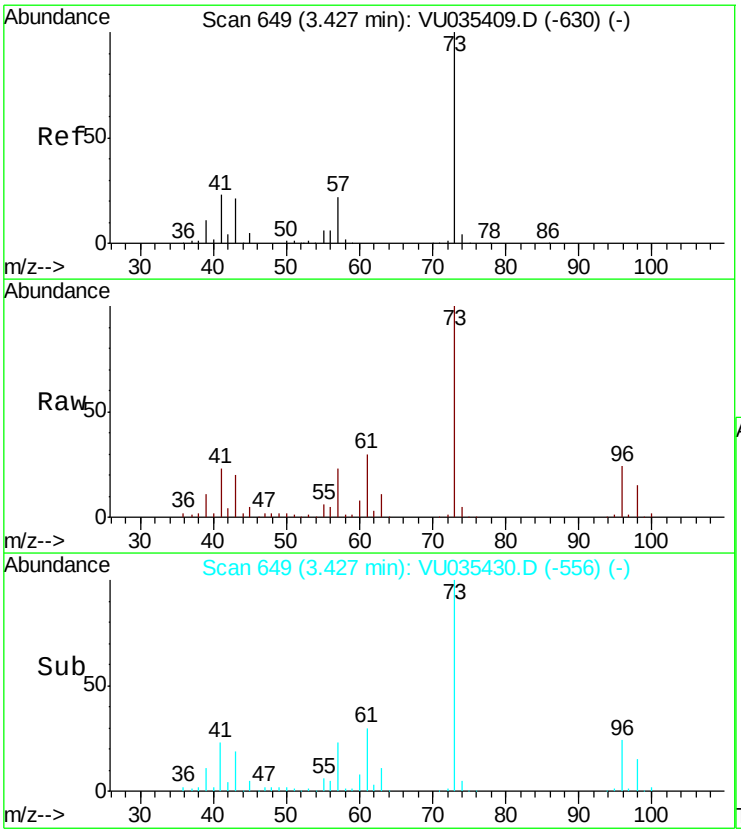
#5
Vinyl chloride
Concen: 13.206 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU035430.D
Acq: 24 Oct 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
H0FZ0

Tgt Ion: 62 Resp: 245876

Ion	Ratio	Lower	Upper
62	100		
64	31.3	22.9	42.5

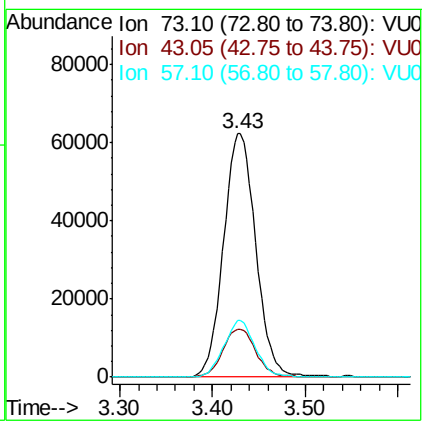


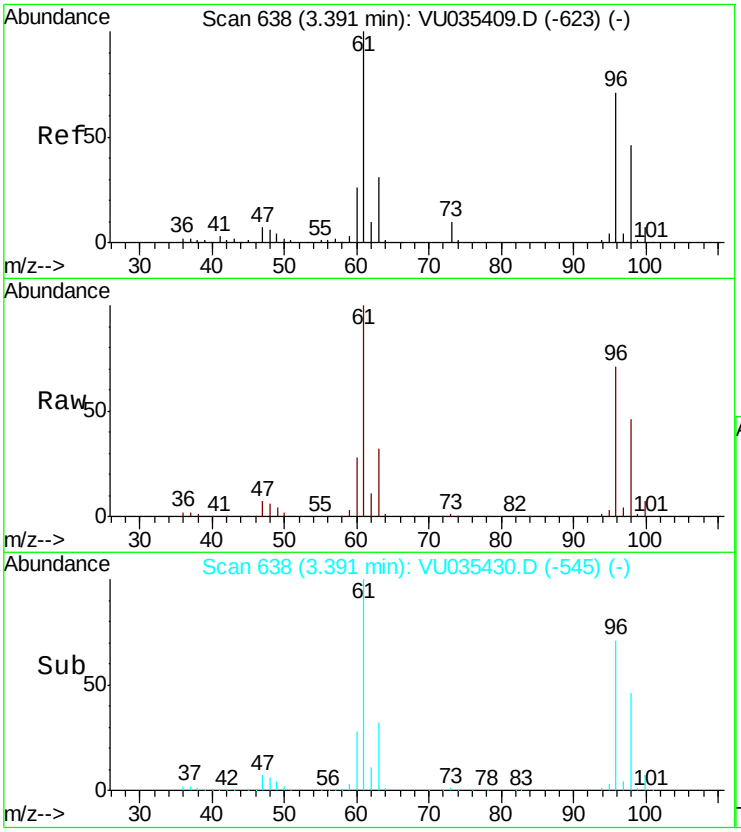


#17
Methyl tert-butyl Ether
Concen: 4.051 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035430.D
Acq: 24 Oct 2019 00:37

Tgt Ion: 73 Resp: 150403

Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.0	24.0
57	22.4	17.4	26.2



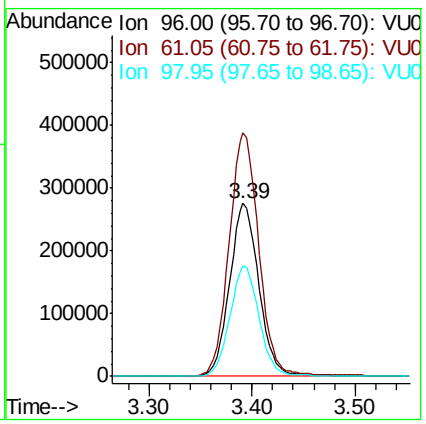


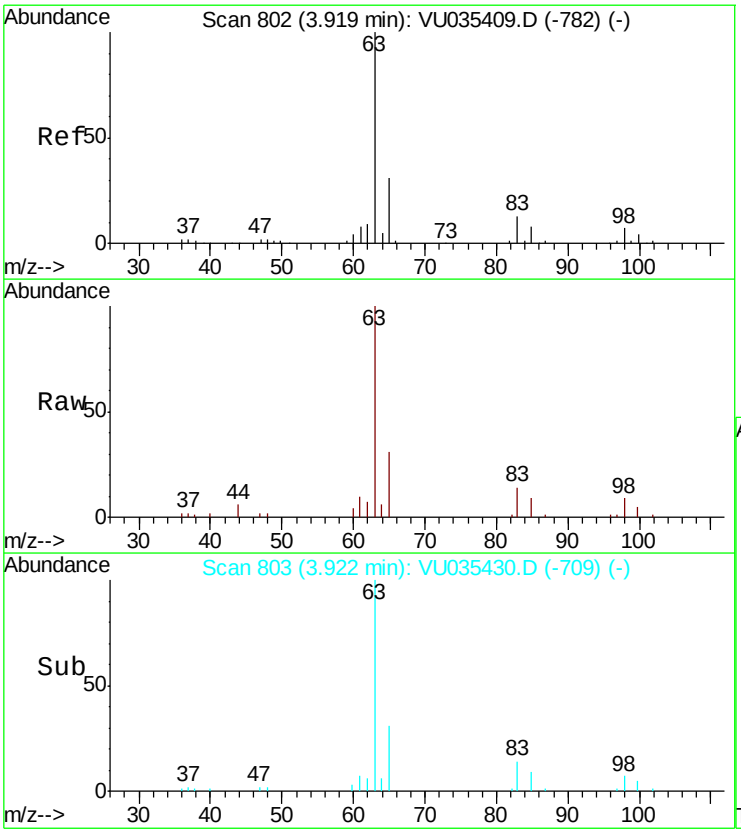
#18
trans-1,2-Dichloroethene
Concen: 36.670 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035430.D
Acq: 24 Oct 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
H0FZ0

Tgt Ion: 96 Resp: 545933

Ion	Ratio	Lower	Upper
96	100		
61	140.9	93.0	172.6
98	64.2	43.7	81.1

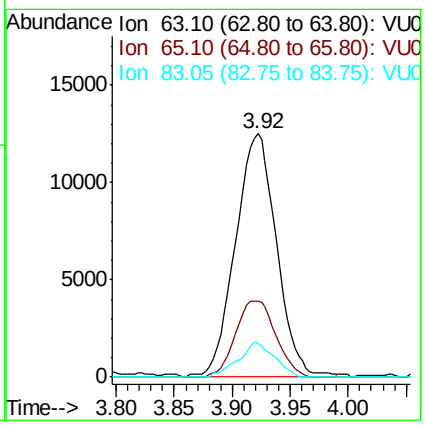


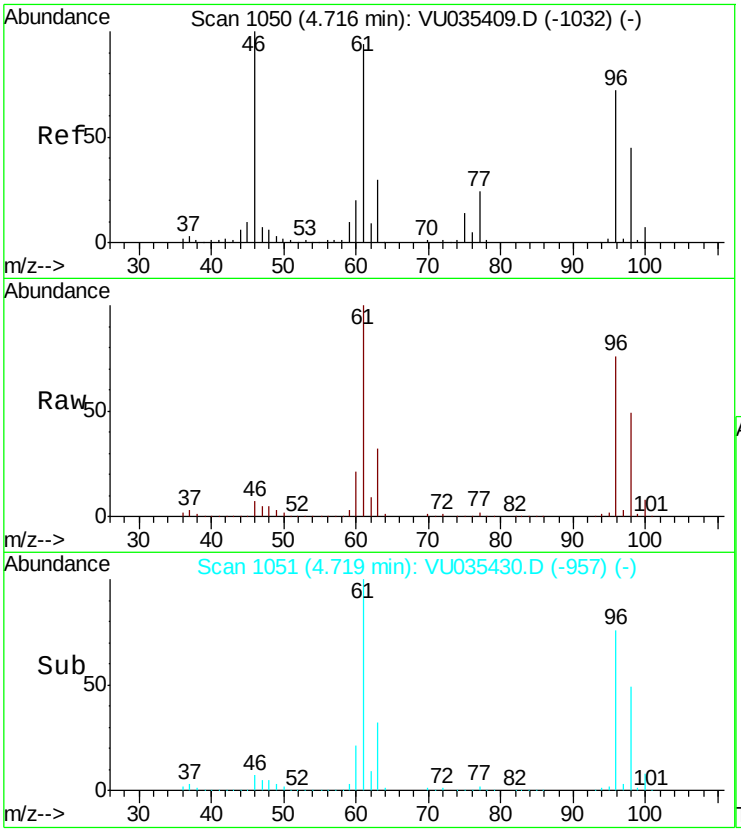


#19
1,1-Dichloroethane
Concen: 1.149 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035430.D
Acq: 24 Oct 2019 00:37

Tgt Ion: 63 Resp: 30922

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.4	41.6
83	14.0	9.3	17.3



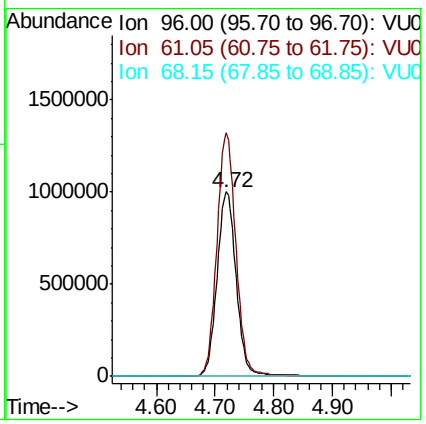


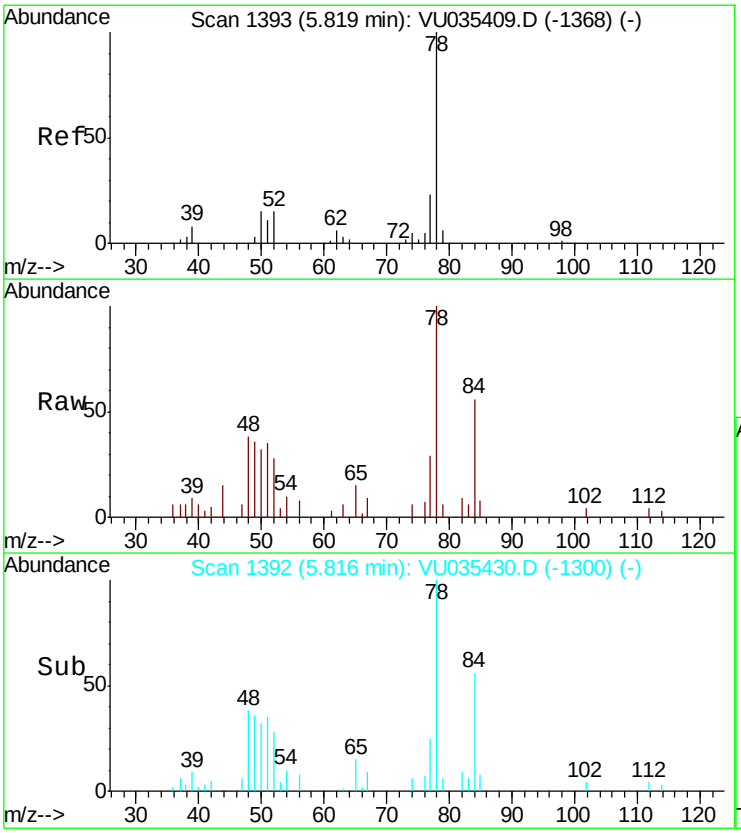
#22
cis-1,2-Dichloroethene
Concen: 136.946 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035430.D
Acq: 24 Oct 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
H0FZ0

Tgt Ion: 96 Resp: 2253487

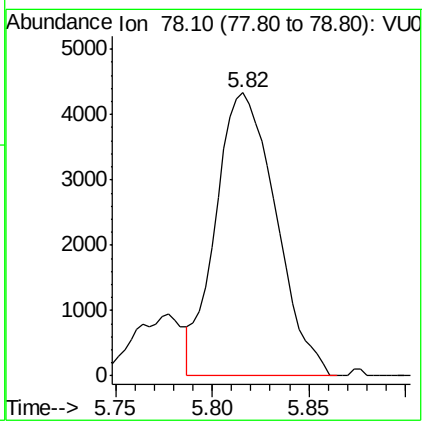
Ion	Ratio	Lower	Upper
96	100		
61	132.1	89.7	166.5
68	0.0	0.0	0.0

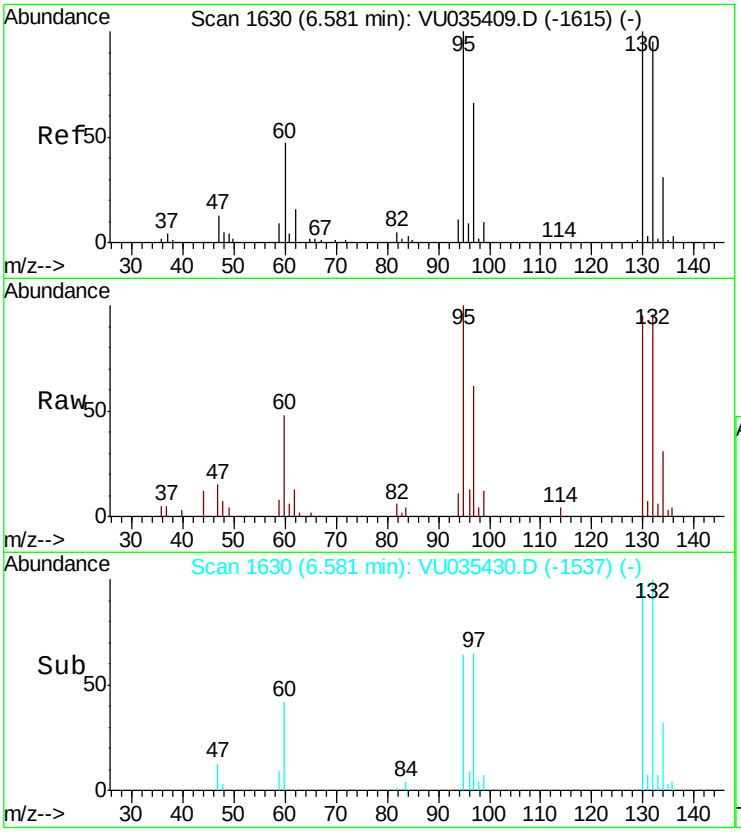




#33
Benzene
Concen: 0.147 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU035430.D
Acq: 24 Oct 2019 00:37

Tgt Ion: 78 Resp: 9383





#34
Trichloroethene
Concen: 0.668 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035430.D
Acq: 24 Oct 2019 00:37

Instrument :
MSVOA_U
ClientSampleId :
H0FZ0

Tgt Ion: 95 Resp: 11425

Ion	Ratio	Lower	Upper
95	100		
97	62.3	46.6	86.6
132	96.5	68.7	127.7
130	94.8	73.9	137.3