Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\
Data File : VU035448.D
Acq On : 24 Oct 2019 09:36
Operator : JC/SP
Sample : K5488-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G39

Quant Time: Oct 24 14:32:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 14:19:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	195119	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	202925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	61340	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	51457	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.93	69	53302	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.60	63	71999	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.70	46	225309	65.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.80%#			
24) Chloroform-d	5.12	84	113996	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.75	65	65544	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.80%			
32) Benzene-d6	5.77	84	202481	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
36) 1,2-Dichloropropane-d6	6.74	67	76362	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.93	98	154543	3.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.60%#			
43) trans-1,3-Dichloropropene-	8.22	79	25588	3.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.60%			
46) 2-Hexanone-d5	8.69	63	128298	40.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.36%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	71118	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	51515	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	127326	7.526	ug/L	97
17) Methyl tert-butyl Ether	3.43	73	3694879	109.517	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	264157	19.527	ug/L	93
19) 1,1-Dichloroethane	3.92	63	32655	1.335	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	1099135	73.509	ug/L	97
33) Benzene	5.82	78	15642	0.262	ug/L	100
34) Trichloroethene	6.58	95	116830	7.278	ug/L	96

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

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Quant Title : TRACE VOA SOM01.0
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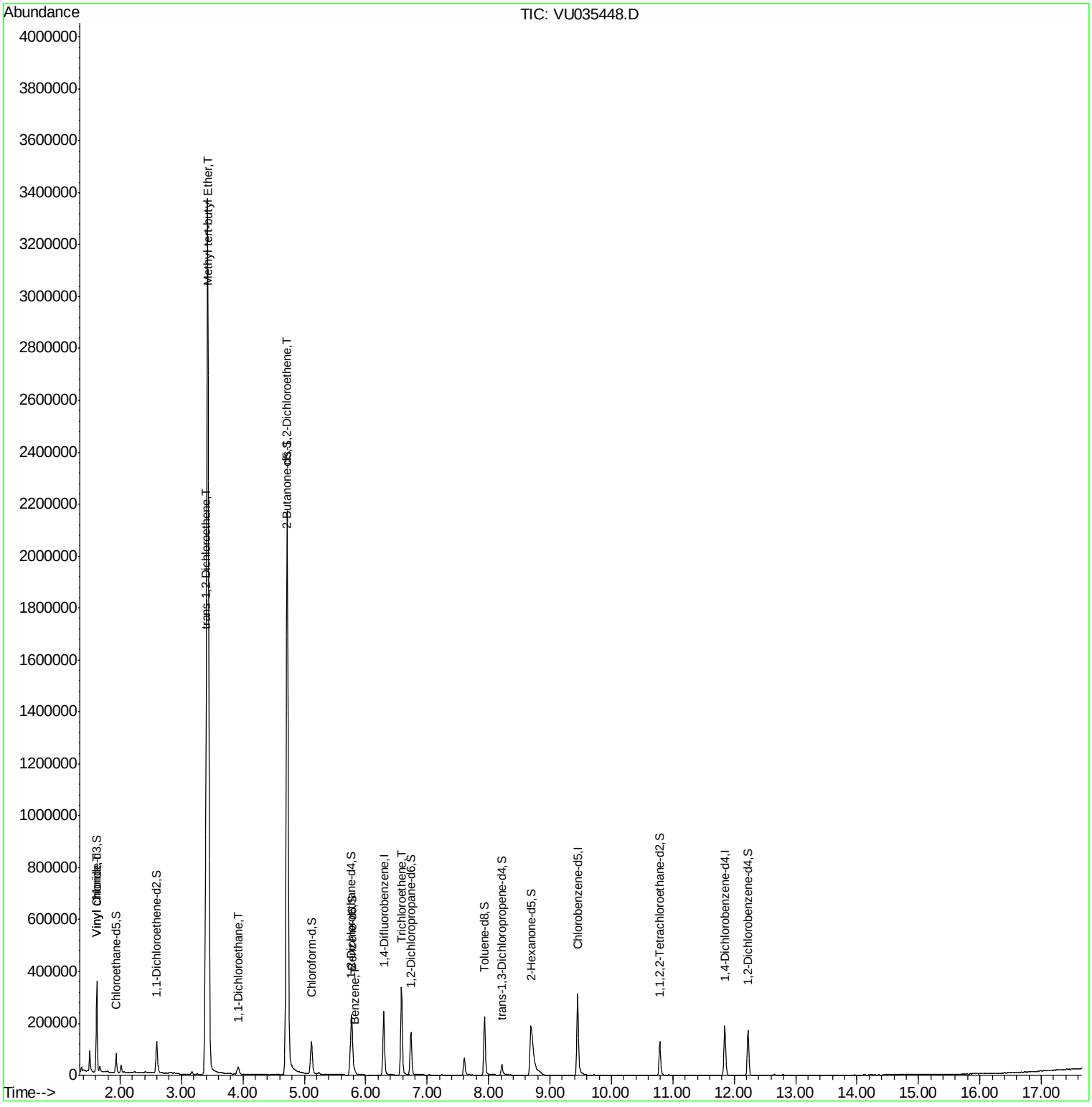
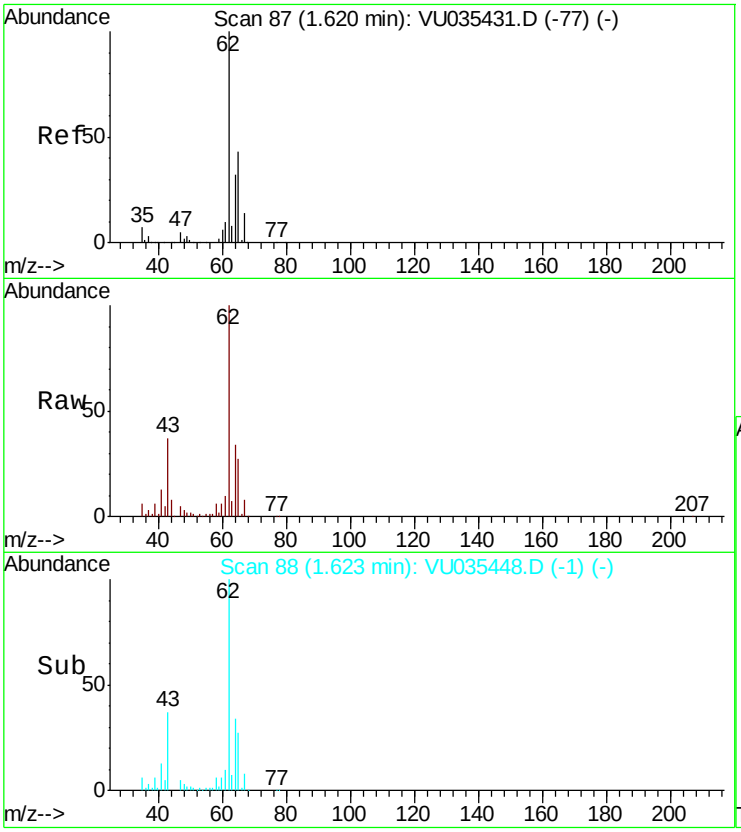


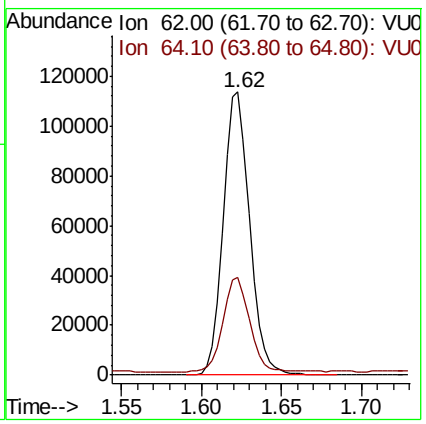


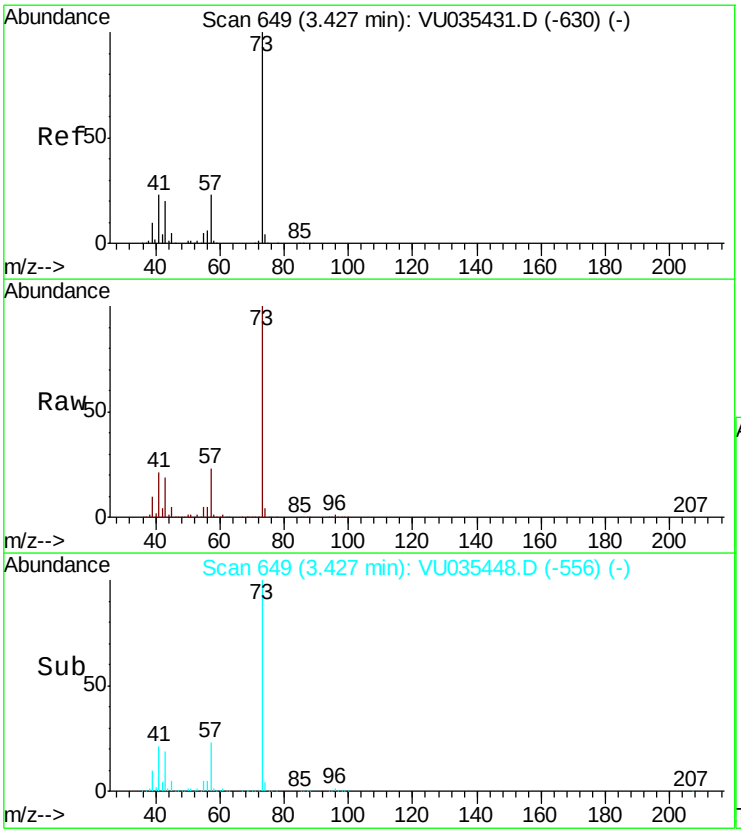
#5
Vinyl chloride
Concen: 7.526 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VU035448.D
Acq: 24 Oct 2019 09:36

Instrument : MSVOA_U
ClientSampleId : H0G39

Tgt Ion: 62 Resp: 127326

Ion	Ratio	Lower	Upper
62	100		
64	34.4	22.9	42.5

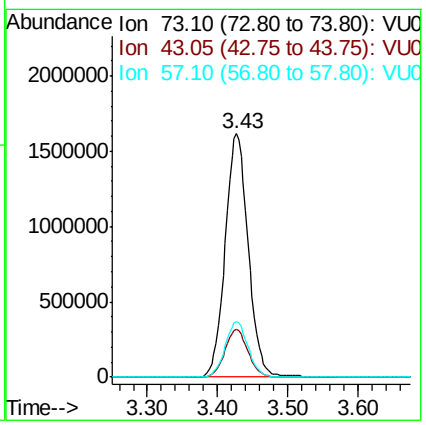


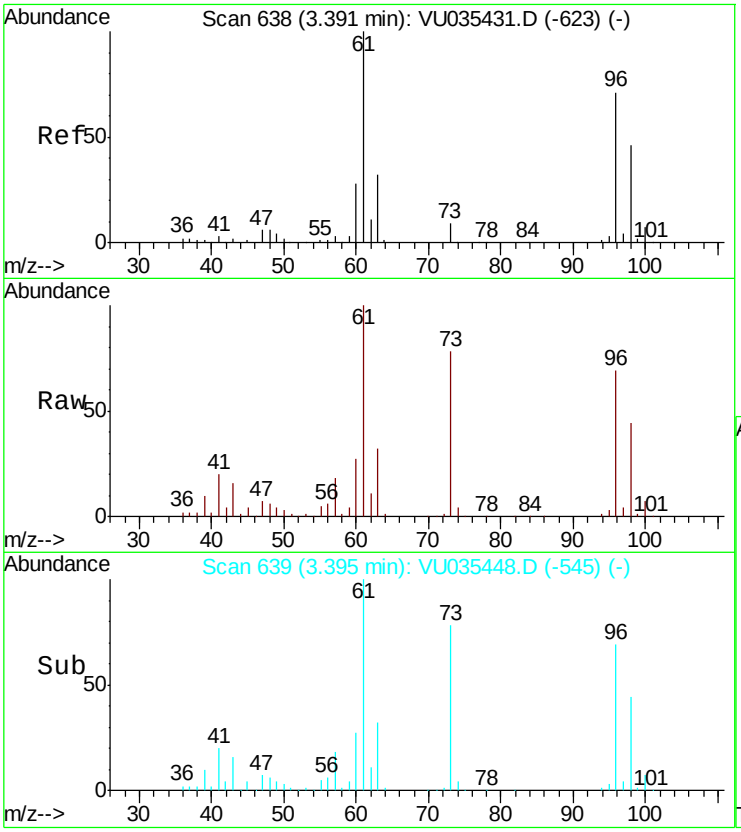


#17
Methyl tert-butyl Ether
Concen: 109.517 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035448.D
Acq: 24 Oct 2019 09:36

Tgt Ion: 73 Resp: 3694879

Ion	Ratio	Lower	Upper
73	100		
43	19.7	16.0	24.0
57	22.8	17.4	26.2



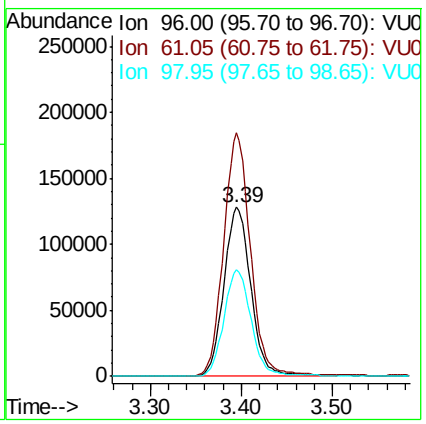


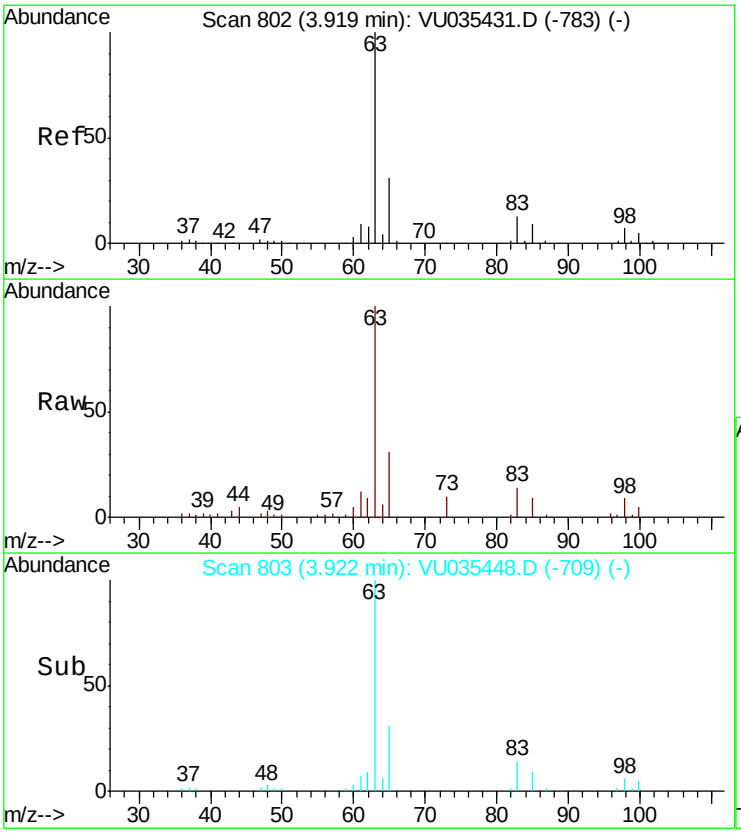
#18
trans-1,2-Dichloroethene
Concen: 19.527 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035448.D
Acq: 24 Oct 2019 09:36

Instrument :
MSVOA_U
ClientSampleId :
H0G39

Tgt Ion: 96 Resp: 264157

Ion	Ratio	Lower	Upper
96	100		
61	144.1	93.0	172.6
98	62.8	43.7	81.1

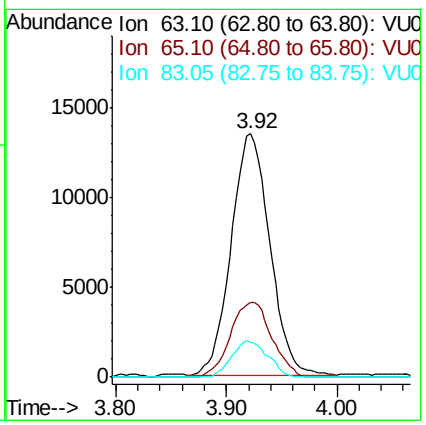


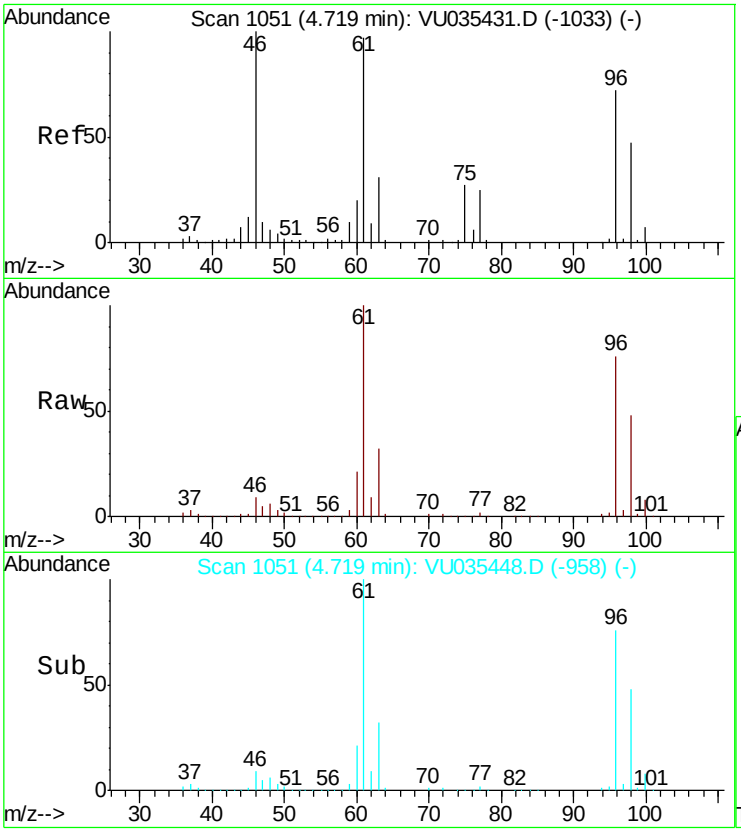


#19
1,1-Dichloroethane
Concen: 1.335 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035448.D
Acq: 24 Oct 2019 09:36

Tgt Ion: 63 Resp: 32655

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.4	41.6
83	14.2	9.3	17.3



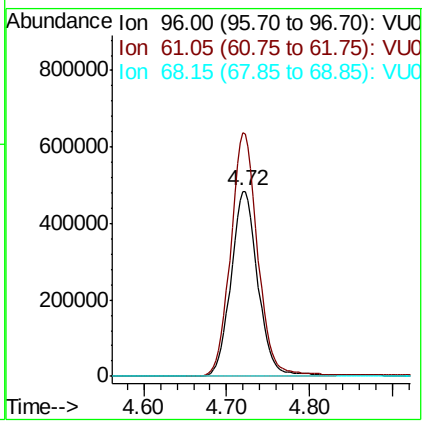


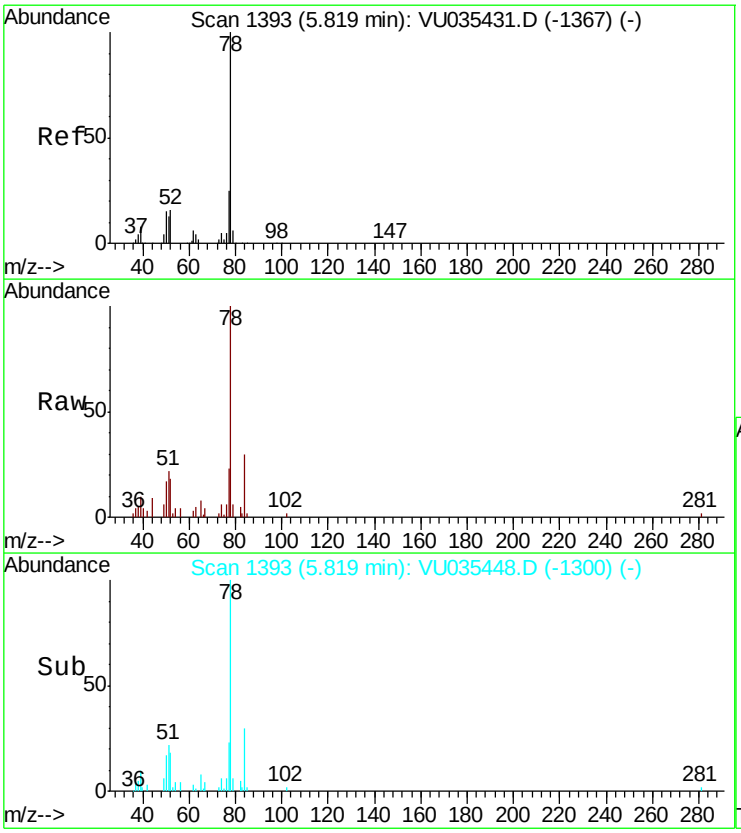
#22
cis-1,2-Dichloroethene
Concen: 73.509 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035448.D
Acq: 24 Oct 2019 09:36

Instrument :
MSVOA_U
ClientSampleId :
H0G39

Tgt Ion: 96 Resp: 1099135

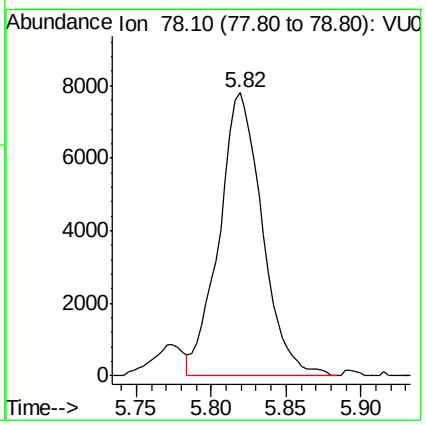
Ion	Ratio	Lower	Upper
96	100		
61	131.6	89.7	166.5
68	0.0	0.0	0.0

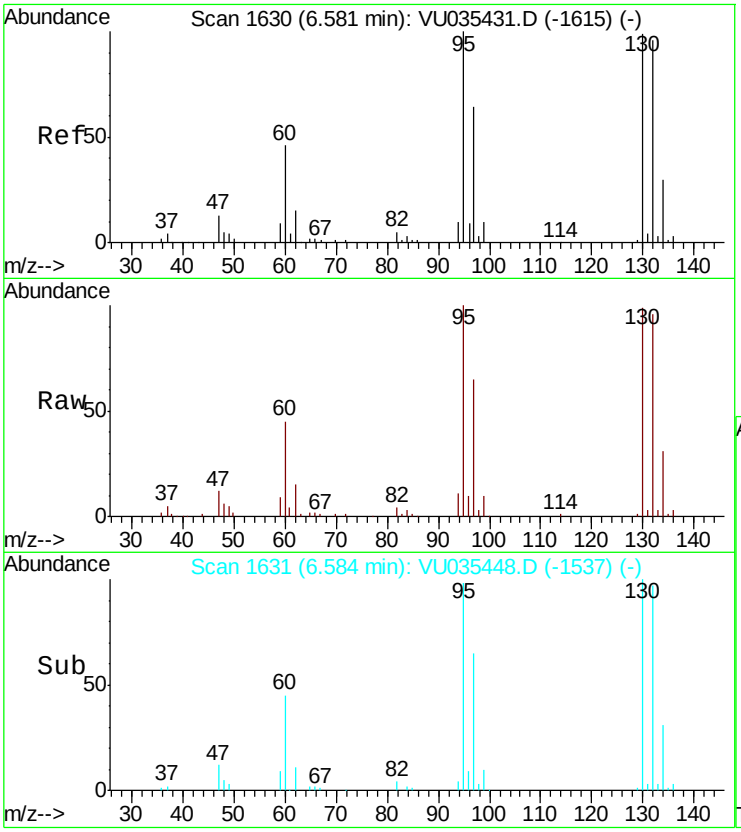




#33
Benzene
Concen: 0.262 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035448.D
Acq: 24 Oct 2019 09:36

Tgt Ion: 78 Resp: 15642





#34
Trichloroethene
Concen: 7.278 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035448.D
Acq: 24 Oct 2019 09:36

Instrument :
MSVOA_U
ClientSampleId :
H0G39

Tgt Ion: 95 Resp: 116830

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.6	86.6
132	96.2	68.7	127.7
130	98.8	73.9	137.3