Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041265.D
Acq On : 16 Nov 2020 22:18
Operator : SY/MD
Sample : L4759-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4413

Quant Time: Nov 17 10:25:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65272	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31022	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	24279	5.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.92	69	21695	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.60%			
11) 1,1-Dichloroethene-d2	2.58	63	34623	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	4.65	46	116789	59.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.00%			
24) Chloroform-d	5.08	84	53032	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.72	65	33724	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.74	84	89322	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
36) 1,2-Dichloropropane-d6	6.70	67	35058	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.91	98	75333	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	8.19	79	12836	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.64	63	73153	45.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.10%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29917	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30339	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	35428	6.252	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	594828	51.136	ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	6091	1.472	ug/L	95
19) 1,1-Dichloroethane	3.89	63	15510	1.676	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	48740	10.429	ug/L	99
33) Benzene	5.79	78	7126	0.346	ug/L	100
34) Trichloroethene	6.55	95	9438	1.695	ug/L	95

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

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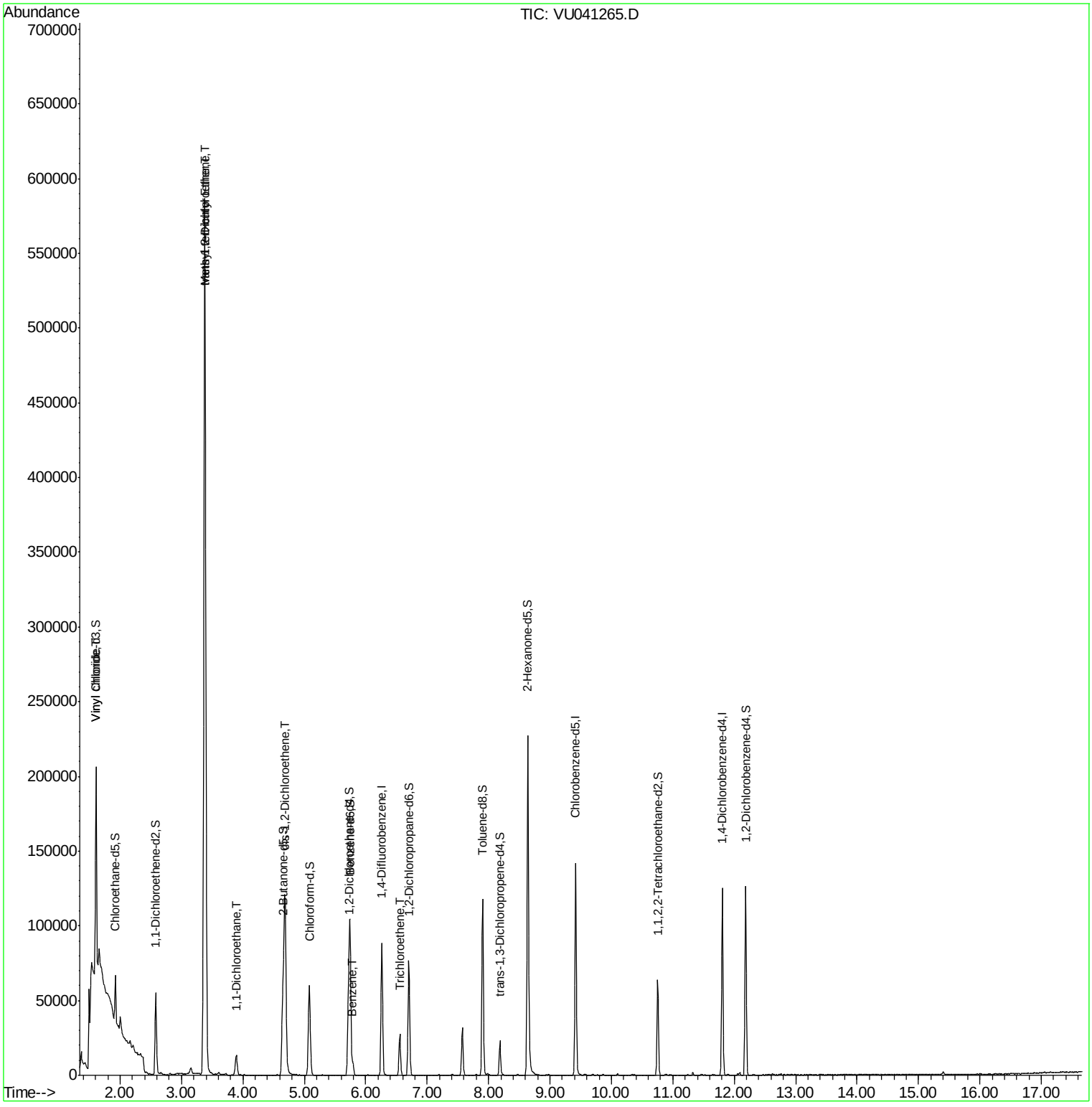
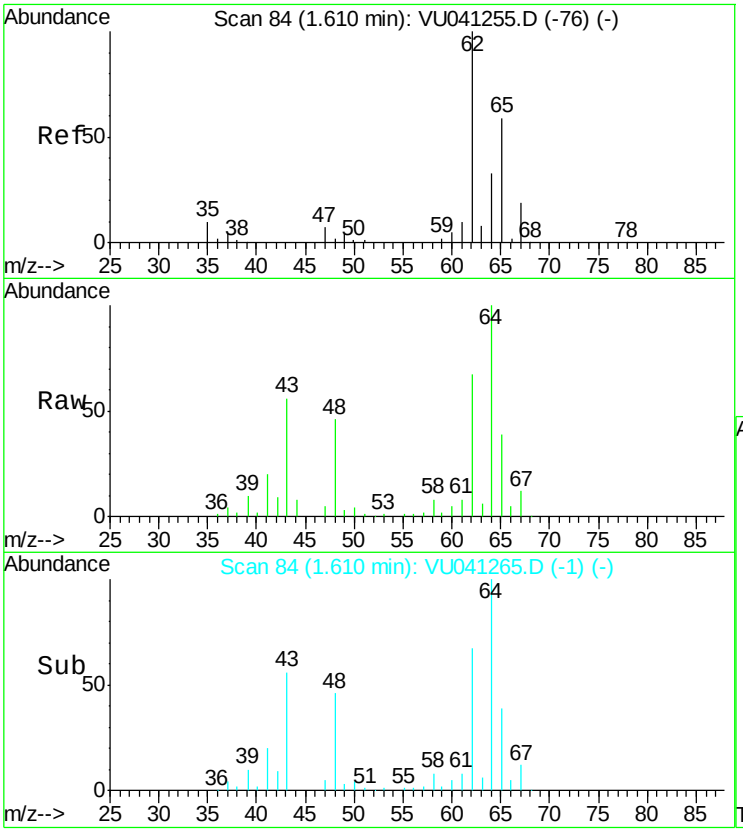


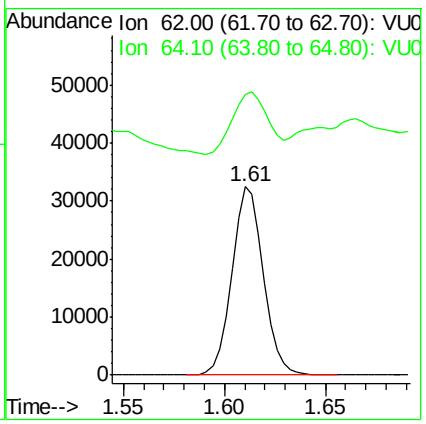


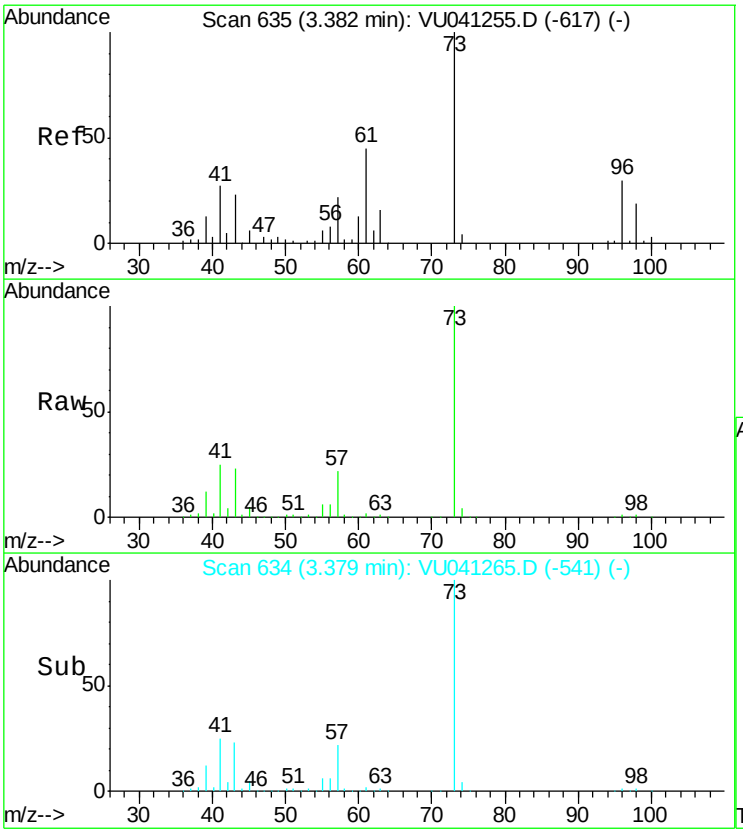
#5
Vinyl chloride
Concen: 6.252 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041265.D
Acq: 16 Nov 2020 22:18

Instrument :
MSVOA_U
ClientSampleId :
H4413

Tgt Ion: 62 Resp: 35428

Ion	Ratio	Lower	Upper
62	100		
64	149.1	22.7	42.3#

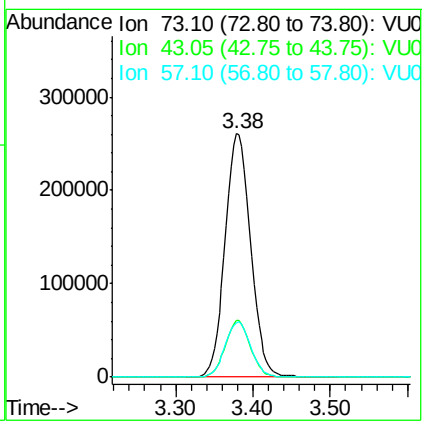


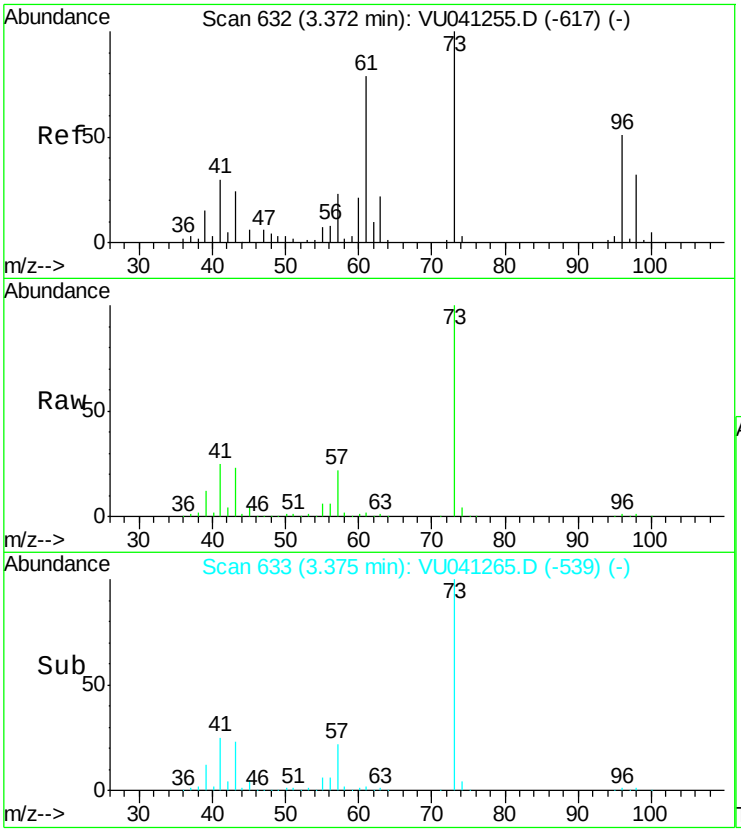


#17
Methyl tert-butyl Ether
Concen: 51.136 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041265.D
Acq: 16 Nov 2020 22:18

Tgt Ion: 73 Resp: 594828

Ion	Ratio	Lower	Upper
73	100		
43	22.8	18.5	27.7
57	22.8	18.4	27.6



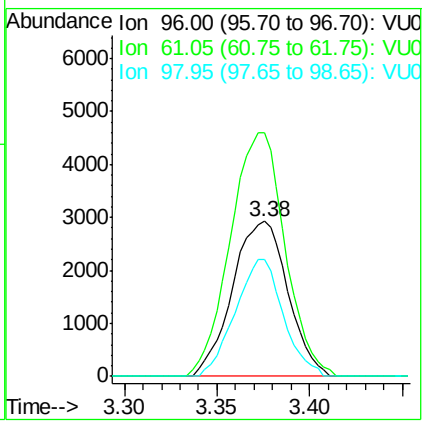


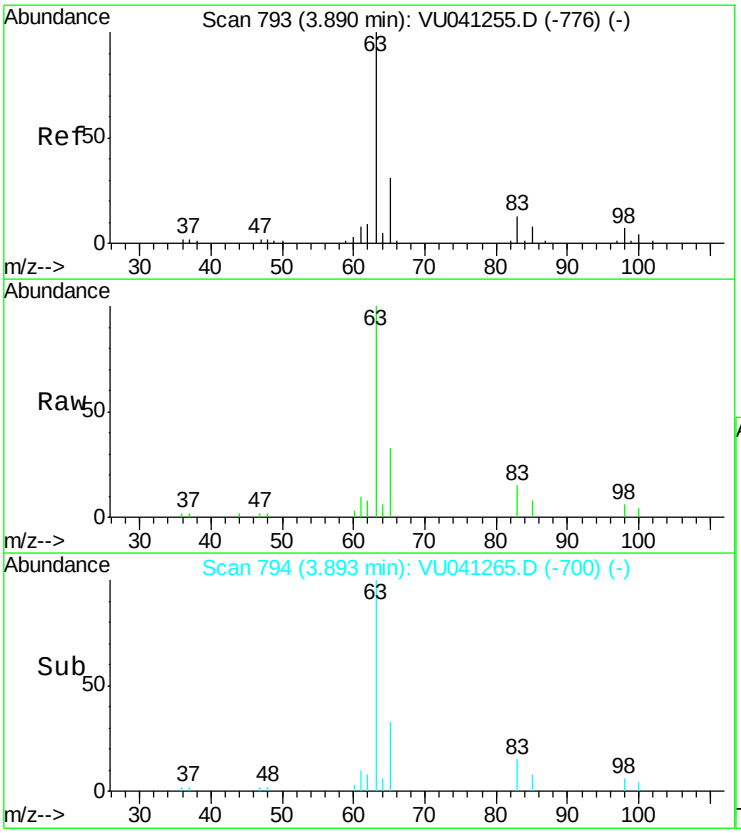
#18
trans-1,2-Dichloroethene
Concen: 1.472 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.00 min
Lab File: VU041265.D
Acq: 16 Nov 2020 22:18

Instrument :
MSVOA_U
ClientSampleId :
H4413

Tgt Ion: 96 Resp: 6091

Ion	Ratio	Lower	Upper
96	100		
61	157.2	110.9	205.9
98	75.8	45.4	84.2

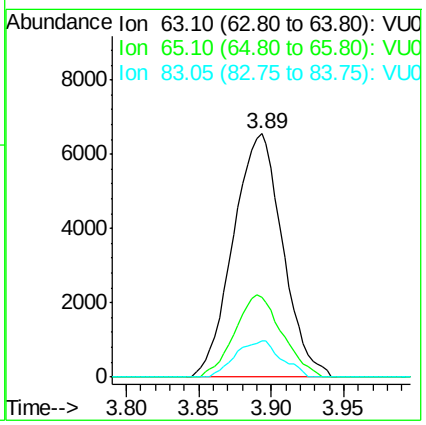


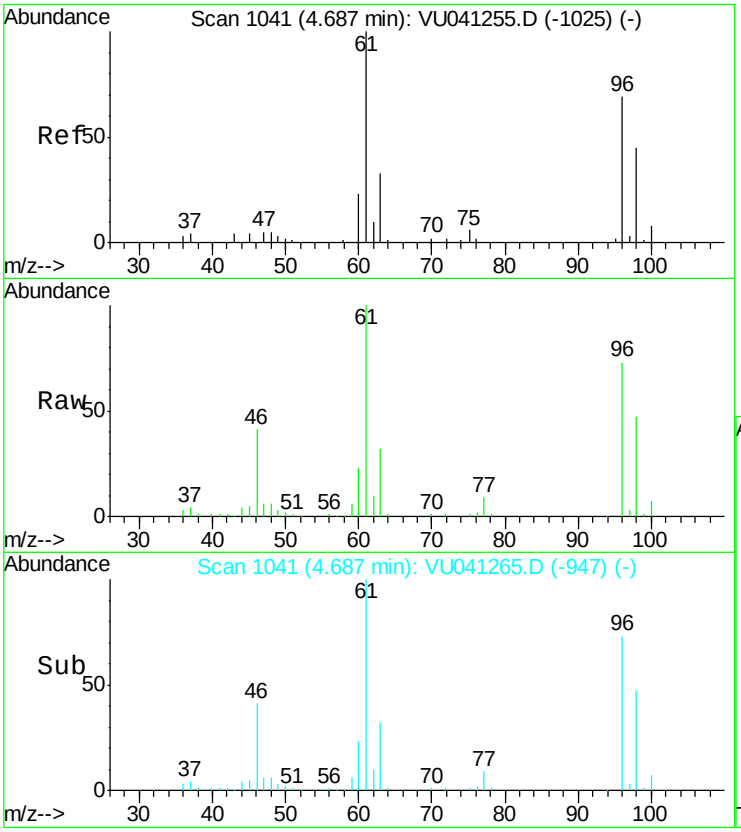


#19
1,1-Dichloroethane
Concen: 1.676 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU041265.D
Acq: 16 Nov 2020 22:18

Tgt Ion: 63 Resp: 15510

Ion	Ratio	Lower	Upper
63	100		
65	32.6	21.3	39.6
83	14.8	8.8	16.3



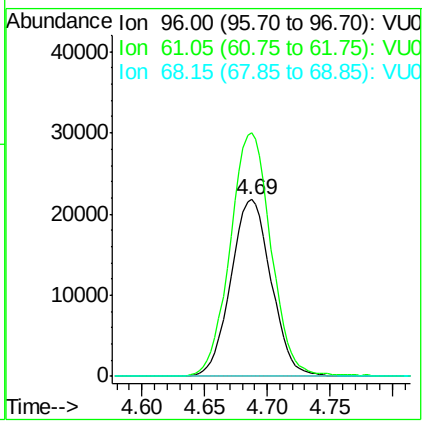


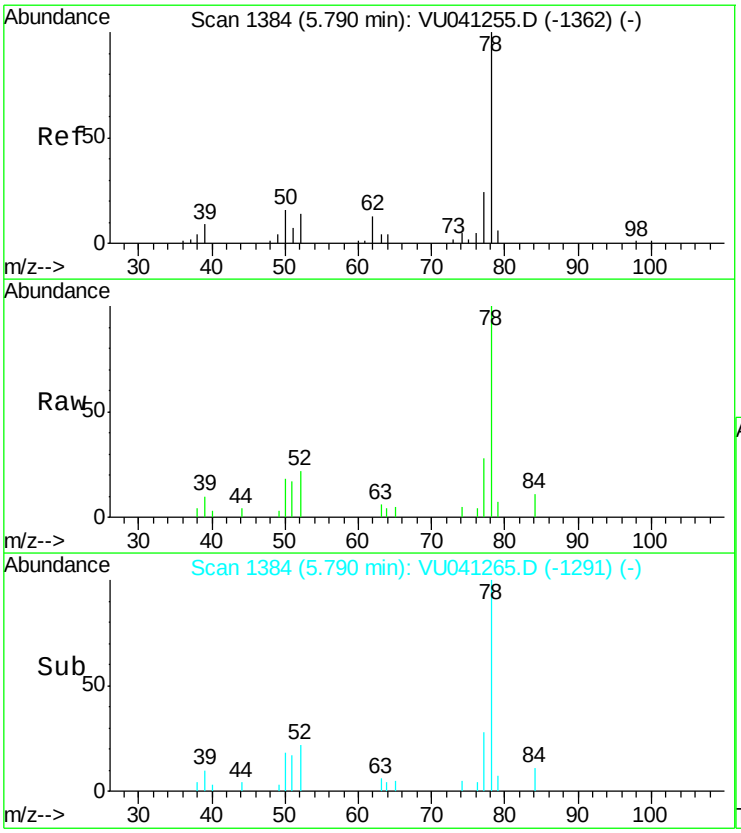
#22
cis-1,2-Dichloroethene
Concen: 10.429 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041265.D
Acq: 16 Nov 2020 22:18

Instrument :
MSVOA_U
ClientSampleId :
H4413

Tgt Ion: 96 Resp: 48740

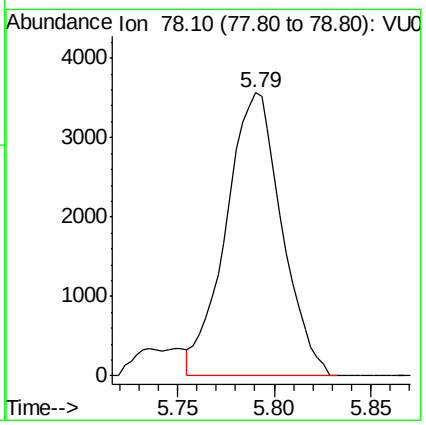
Ion	Ratio	Lower	Upper
96	100		
61	137.6	97.2	180.4
68	0.0	0.0	0.0

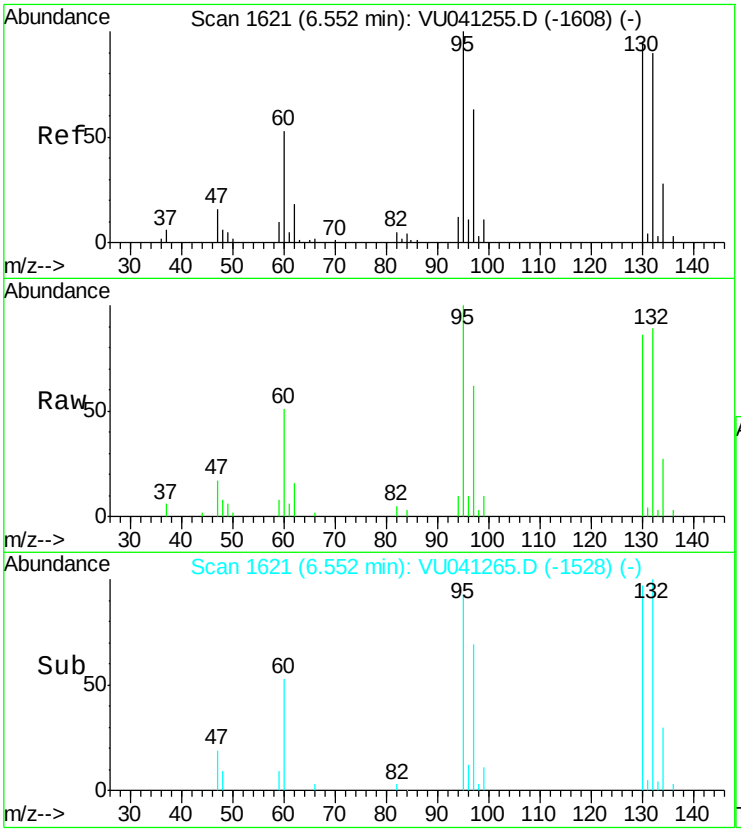




#33
Benzene
Concen: 0.346 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041265.D
Acq: 16 Nov 2020 22:18

Tgt Ion: 78 Resp: 7126





#34
Trichloroethene
Concen: 1.695 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041265.D
Acq: 16 Nov 2020 22:18

Instrument :
MSVOA_U
ClientSampleId :
H4413

Tgt Ion: 95 Resp: 9438

Ion	Ratio	Lower	Upper
95	100		
97	61.6	45.6	84.6
132	89.2	64.8	120.4
130	86.5	64.8	120.4