Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041266.D
Acq On : 16 Nov 2020 22:41
Operator : SY/MD
Sample : L4759-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4415

Quant Time: Nov 17 10:27:52 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

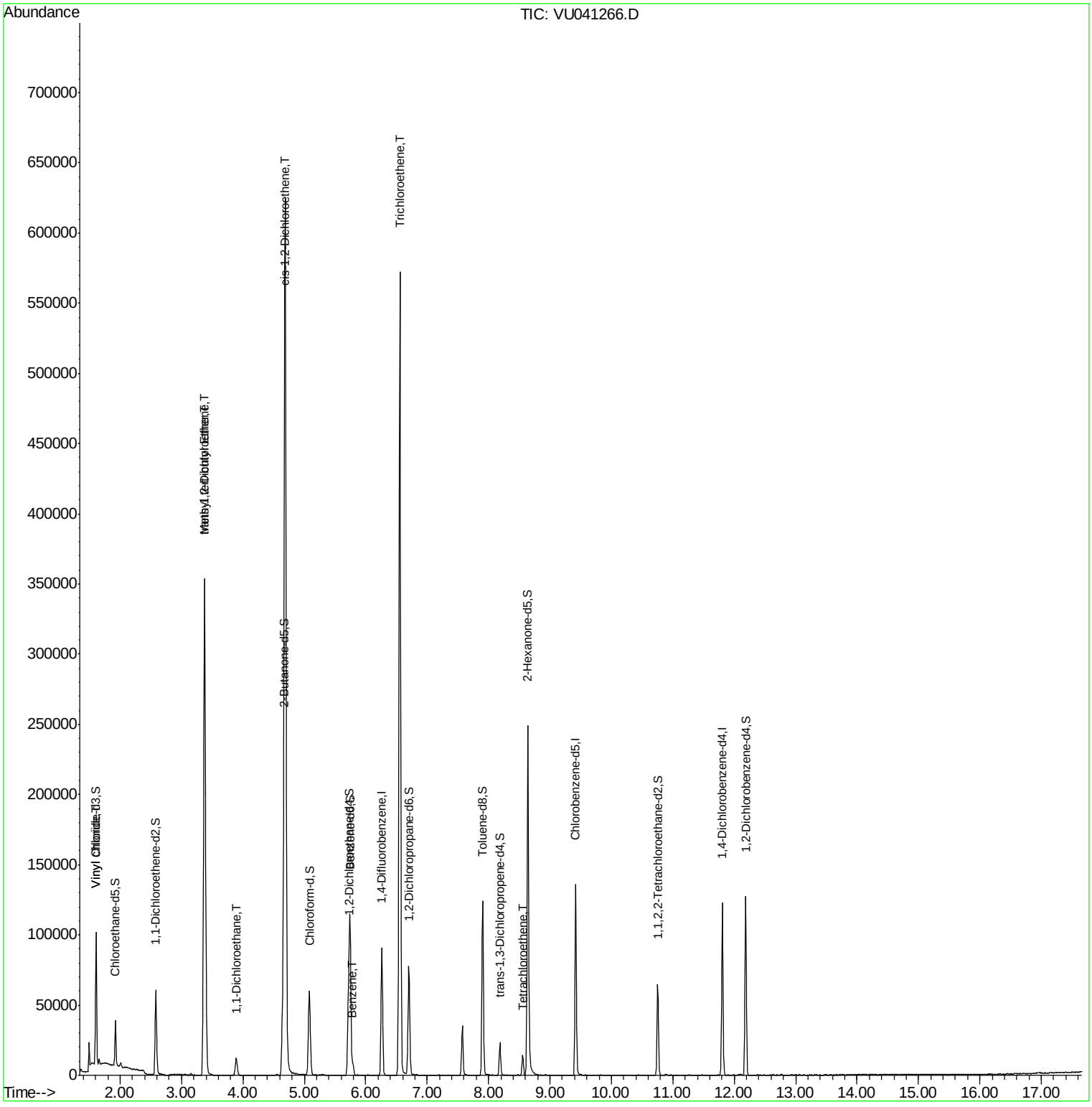
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68163	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71172	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29086	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	25377	5.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.93	69	22580	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.20%			
11) 1,1-Dichloroethene-d2	2.58	63	37197	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	4.66	46	115570	55.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.80%			
24) Chloroform-d	5.08	84	54209	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.72	65	34760	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.74	84	98903	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.70	67	34722	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.00%			
41) Toluene-d8	7.91	98	79649	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	8.18	79	13364	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.64	63	79712	52.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.88%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31914	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31132	5.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	33747	5.703	ug/L #	79
17) Methyl tert-butyl Ether	3.38	73	151471	12.469	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	87453	20.237	ug/L	98
19) 1,1-Dichloroethane	3.89	63	14531	1.504	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	294387	60.319	ug/L	97
33) Benzene	5.79	78	7077	0.367	ug/L	100
34) Trichloroethene	6.56	95	192425	36.914	ug/L	99
47) Tetrachloroethene	8.56	164	3143	0.816	ug/L	92

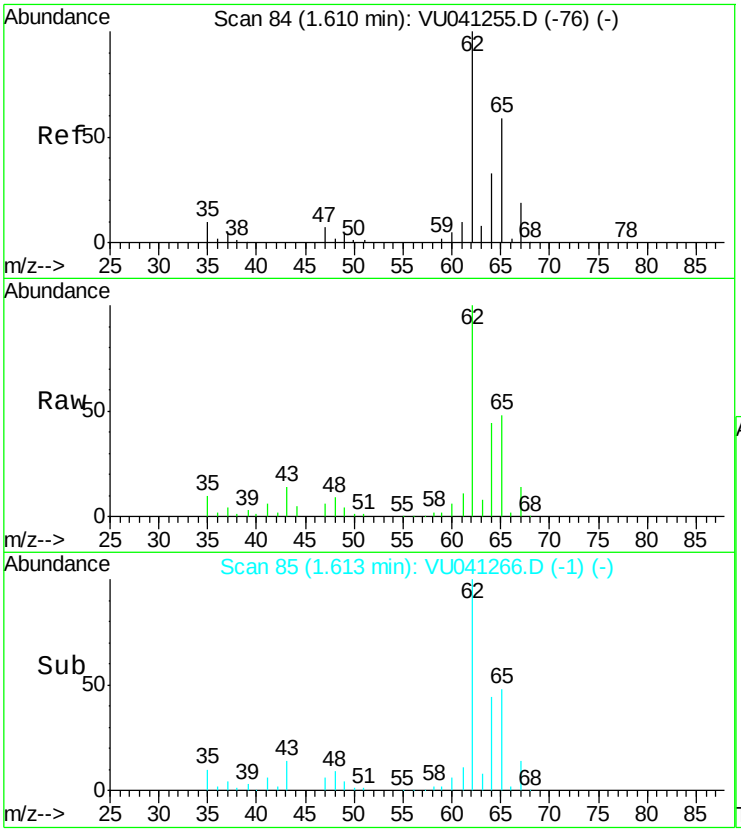
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041266.D
Acq On : 16 Nov 2020 22:41
Operator : SY/MD
Sample : L4759-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4415

Quant Time: Nov 17 10:27:52 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



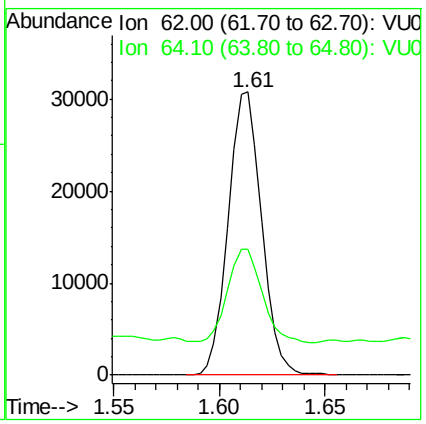


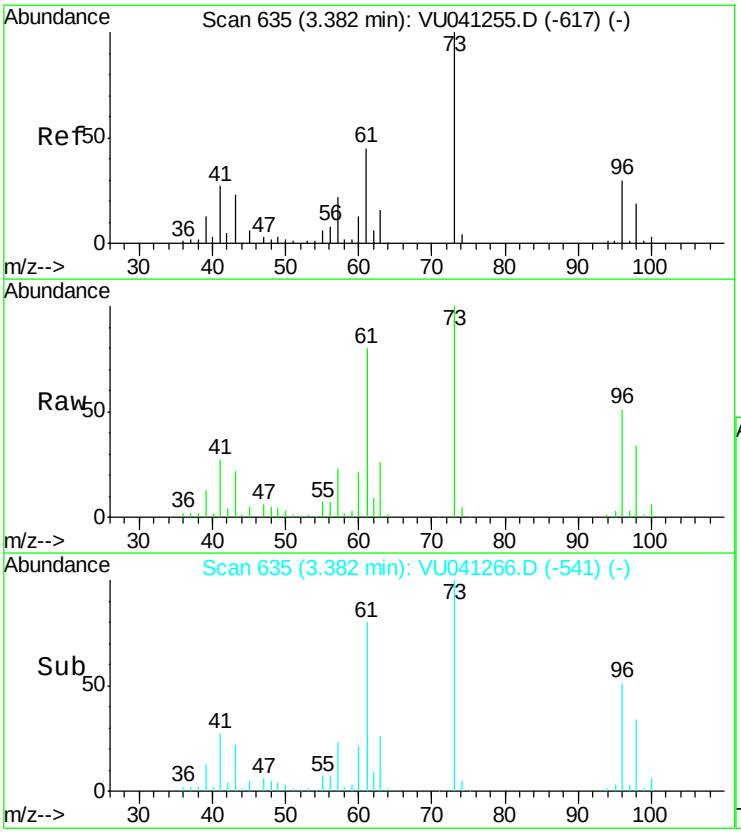
#5
Vinyl chloride
Concen: 5.703 ug/L
RT: 1.61 min Scan# 85
Delta R.T. 0.00 min
Lab File: VU041266.D
Acq: 16 Nov 2020 22:41

Instrument :
MSVOA_U
ClientSampleId :
H4415

Tgt Ion: 62 Resp: 33747

Ion	Ratio	Lower	Upper
62	100		
64	44.4	22.7	42.3#

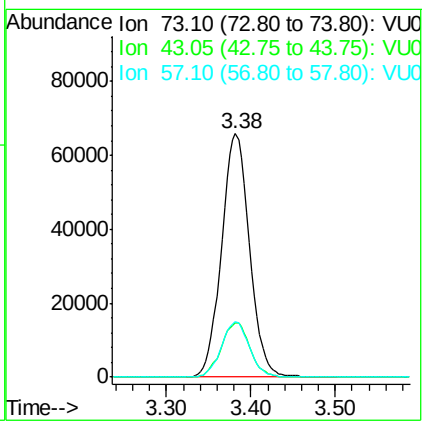


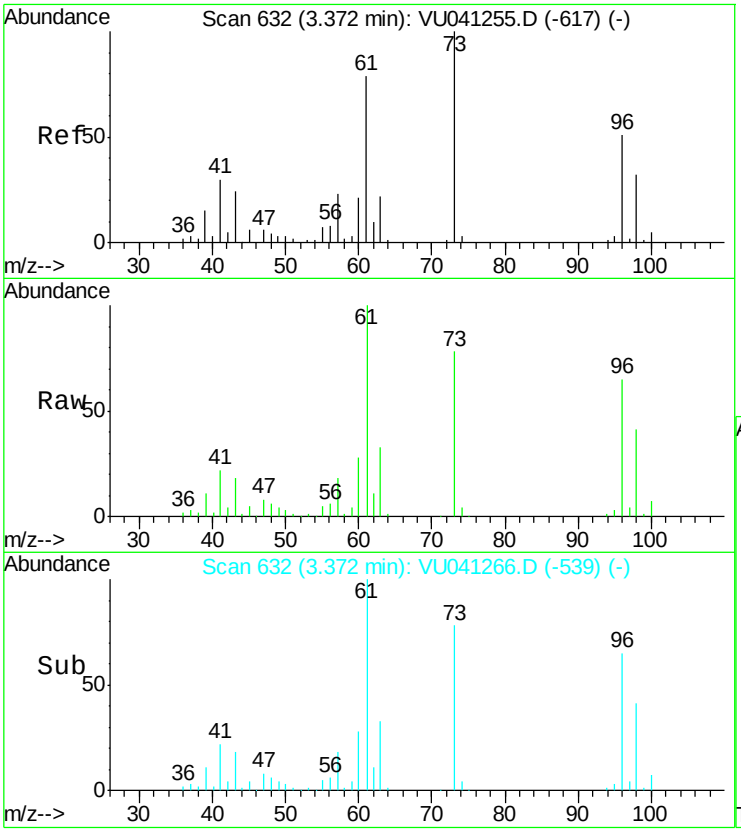


#17
Methyl tert-butyl Ether
Concen: 12.469 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041266.D
Acq: 16 Nov 2020 22:41

Tgt Ion: 73 Resp: 151471

Ion	Ratio	Lower	Upper
73	100		
43	23.0	18.5	27.7
57	22.8	18.4	27.6



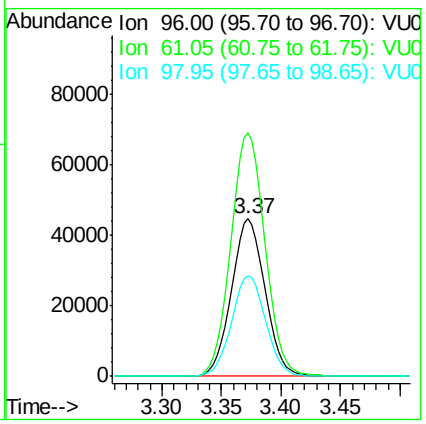


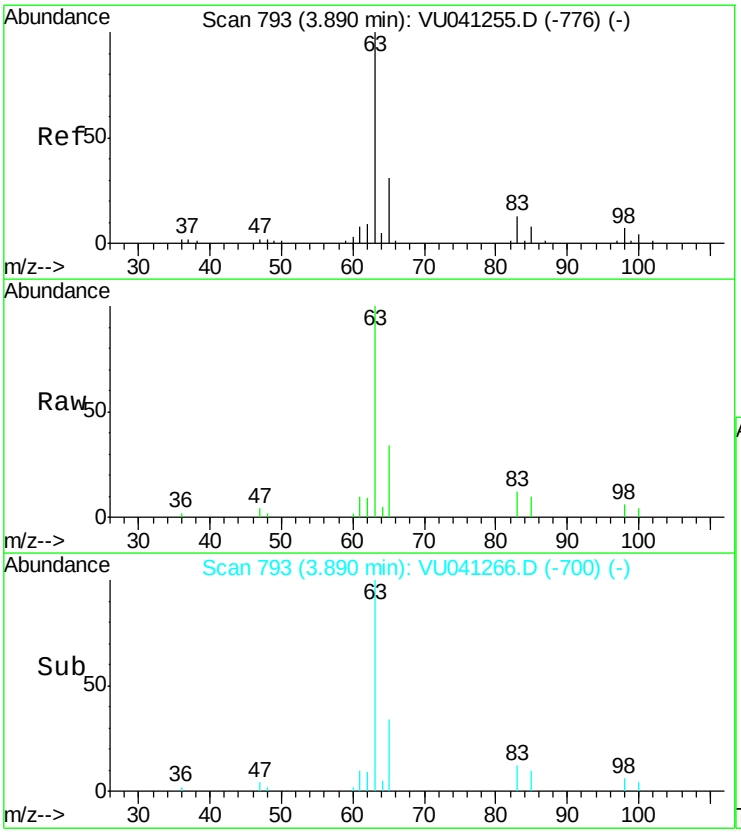
#18
trans-1,2-Dichloroethene
Concen: 20.237 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU041266.D
Acq: 16 Nov 2020 22:41

Instrument :
MSVOA_U
ClientSampleId :
H4415

Tgt Ion: 96 Resp: 87453

Ion	Ratio	Lower	Upper
96	100		
61	154.8	110.9	205.9
98	64.1	45.4	84.2

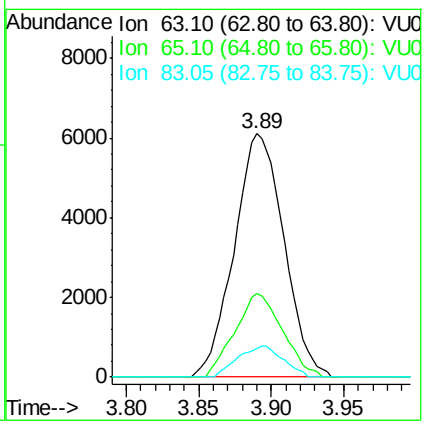


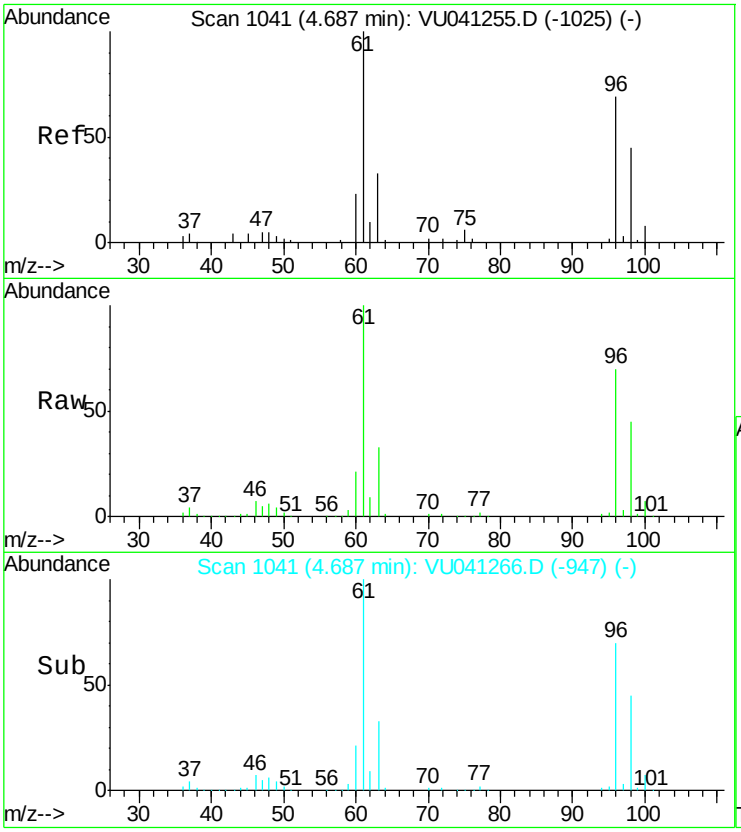


#19
1,1-Dichloroethane
Concen: 1.504 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU041266.D
Acq: 16 Nov 2020 22:41

Tgt Ion: 63 Resp: 14531

Ion	Ratio	Lower	Upper
63	100		
65	34.2	21.3	39.6
83	11.6	8.8	16.3



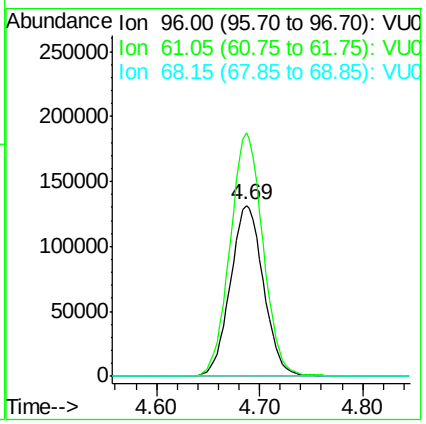


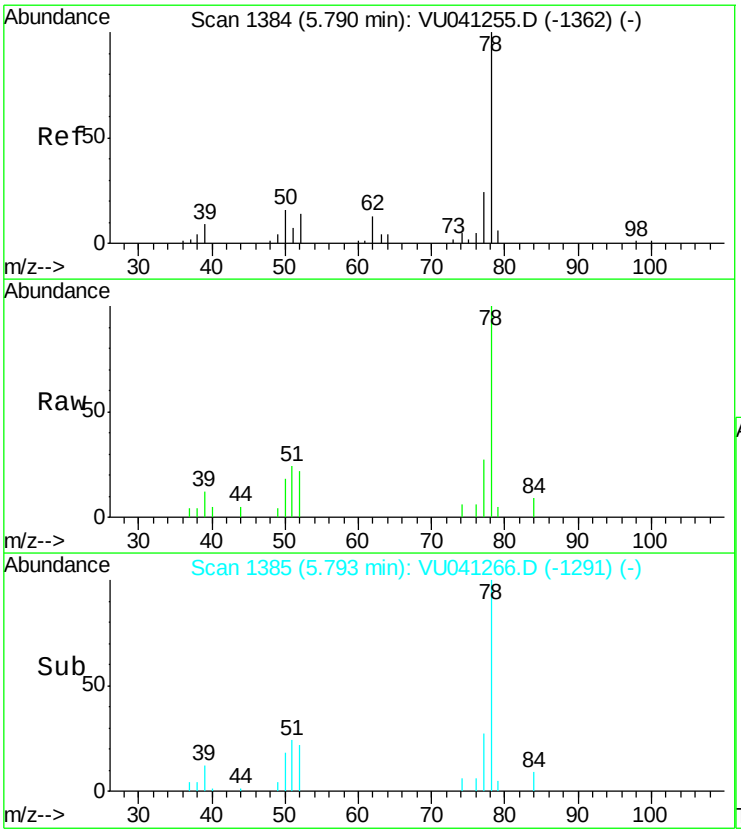
#22
cis-1,2-Dichloroethene
Concen: 60.319 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041266.D
Acq: 16 Nov 2020 22:41

Instrument :
MSVOA_U
ClientSampleId :
H4415

Tgt Ion: 96 Resp: 294387

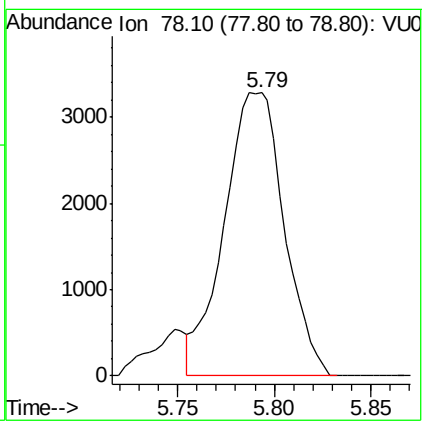
Ion	Ratio	Lower	Upper
96	100		
61	142.6	97.2	180.4
68	0.0	0.0	0.0

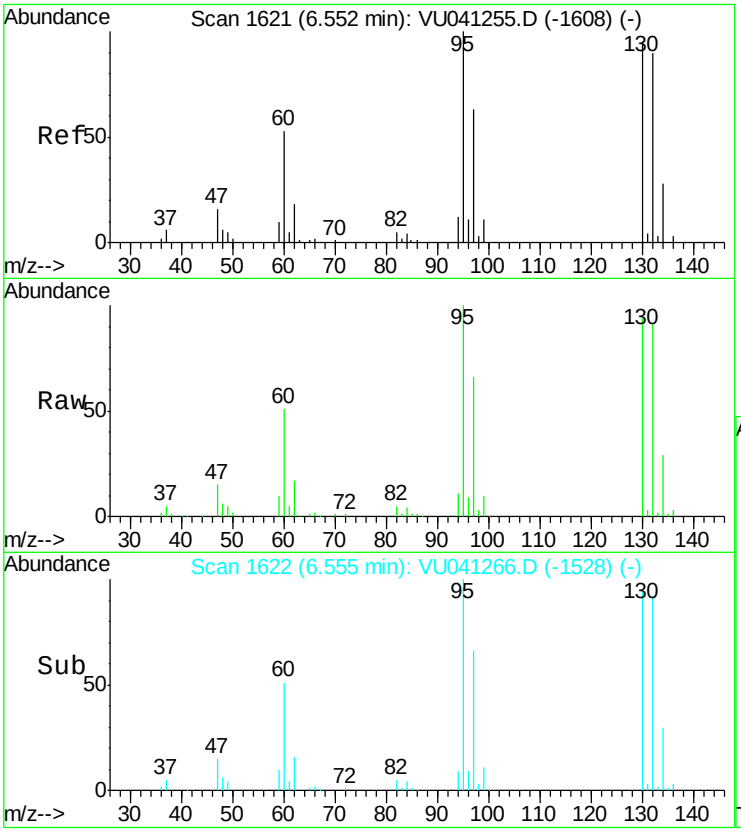




#33
Benzene
Concen: 0.367 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU041266.D
Acq: 16 Nov 2020 22:41

Tgt Ion: 78 Resp: 7077



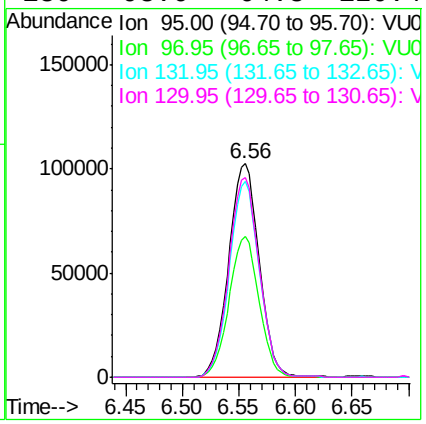


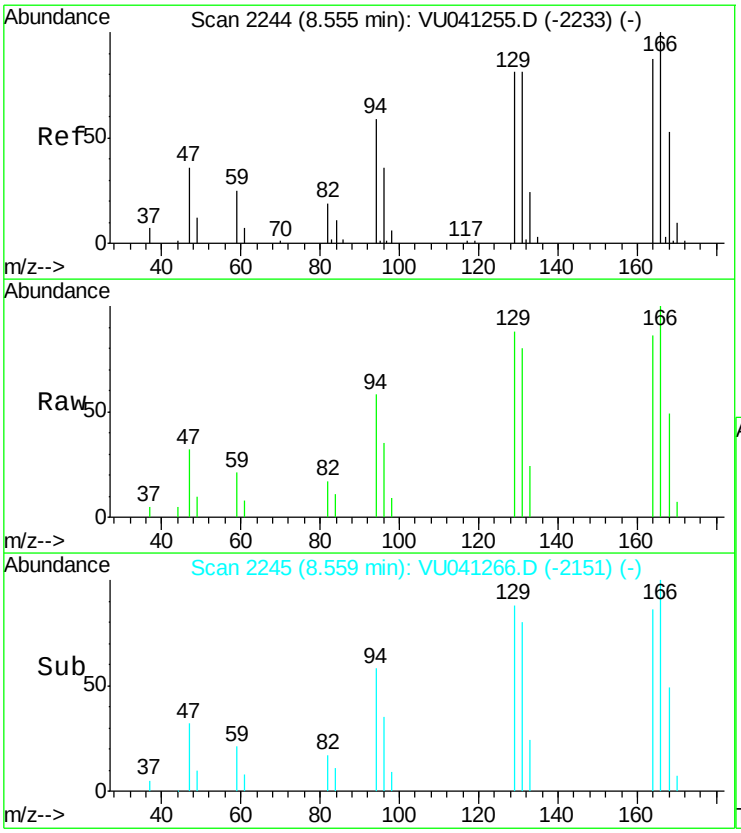
#34
Trichloroethene
Concen: 36.914 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041266.D
Acq: 16 Nov 2020 22:41

Instrument :
MSVOA_U
ClientSampleId :
H4415

Tgt Ion: 95 Resp: 192425

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.6	84.6
132	91.5	64.8	120.4
130	93.6	64.8	120.4





#47
Tetrachloroethene
Concen: 0.816 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041266.D
Acq: 16 Nov 2020 22:41

Tgt Ion:164 Resp: 3143

Ion	Ratio	Lower	Upper
164	100		
129	102.7	70.3	130.7
131	93.1	70.8	131.4
166	116.1	92.0	170.8