Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040794.D
Acq On : 19 Oct 2020 11:04
Operator : SY/MD
Sample : L4354-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ42

Quant Time: Oct 20 01:51:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 01:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48760	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	34676	3.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.60%			
7) Chloroethane-d5	1.92	69	31938	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.58	63	53293	2.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.40%#			
20) 2-Butanone-d5	4.66	46	183388	59.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.36%			
24) Chloroform-d	5.08	84	81997	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.72	65	51096	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.74	84	144254	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.70	67	51015	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.91	98	109395	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
43) trans-1,3-Dichloropropene-	8.19	79	16866	3.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.40%			
46) 2-Hexanone-d5	8.64	63	110629	46.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.54%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48350	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46562	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	853	0.086	ug/L	95
5) Vinyl chloride	1.61	62	160426	15.384	ug/L	96
12) 1,1-Dichloroethene	2.59	96	2150	0.258	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	5848	0.670	ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	994244	105.624	ug/L	98
34) Trichloroethene	6.56	95	12029	1.194	ug/L	94
47) Tetrachloroethene	8.56	164	6613	0.920	ug/L	95

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

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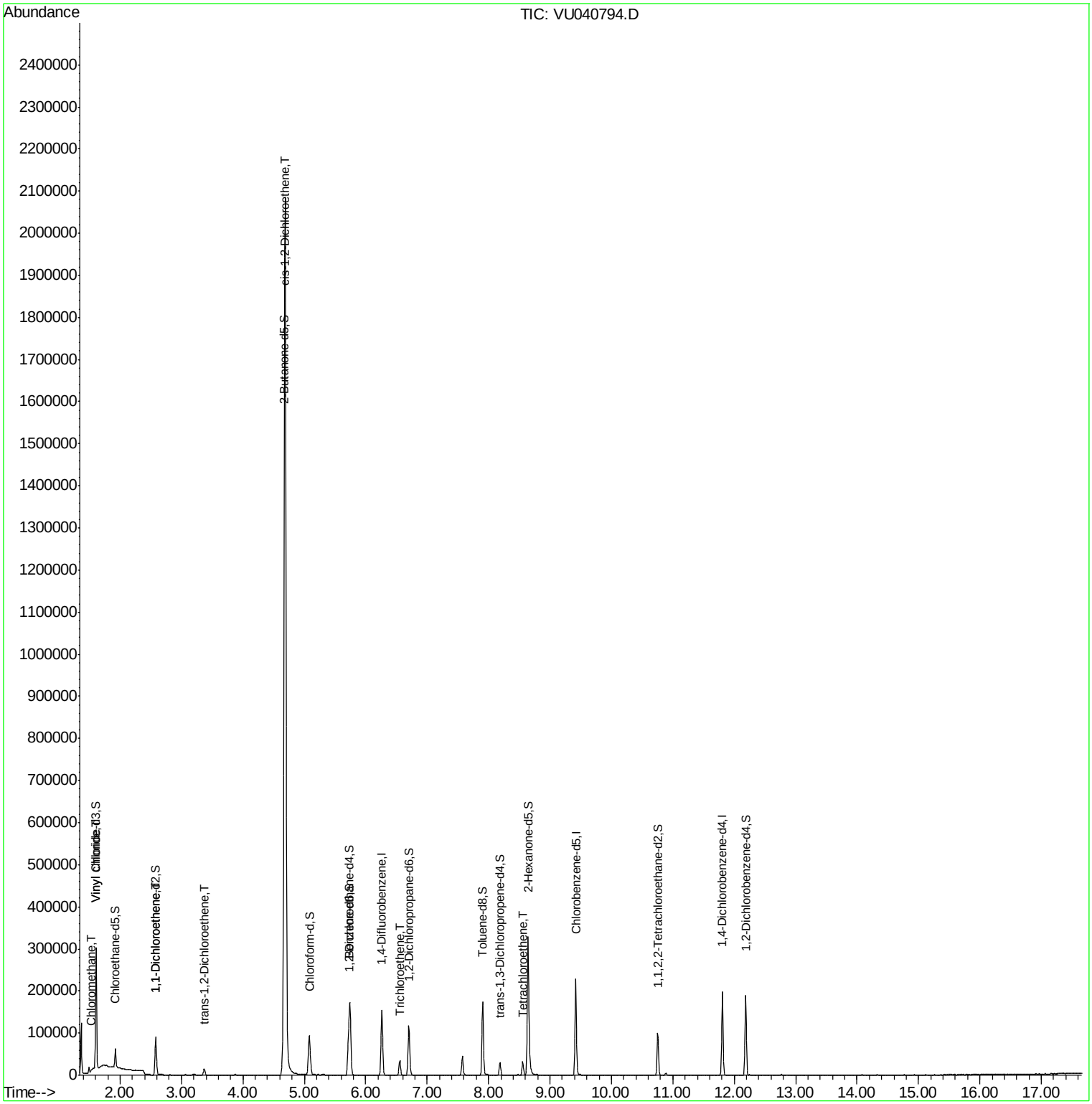
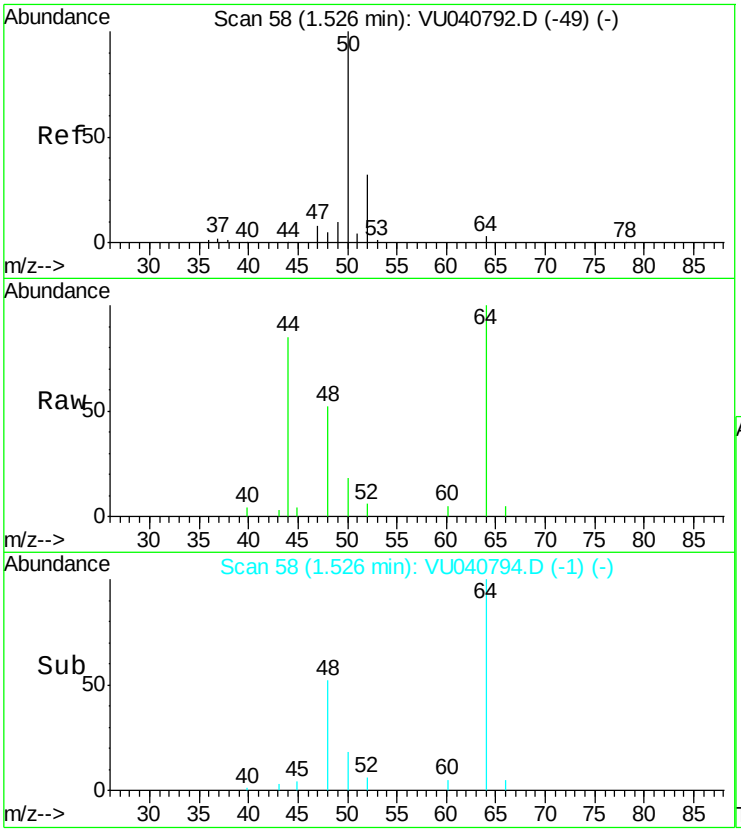


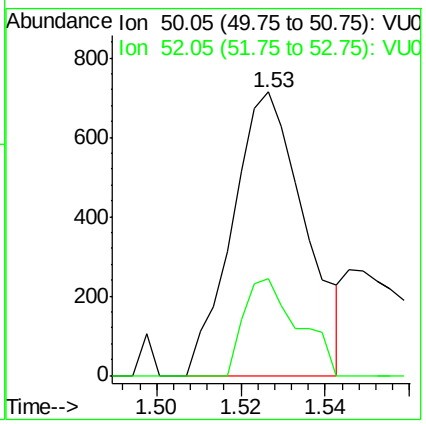


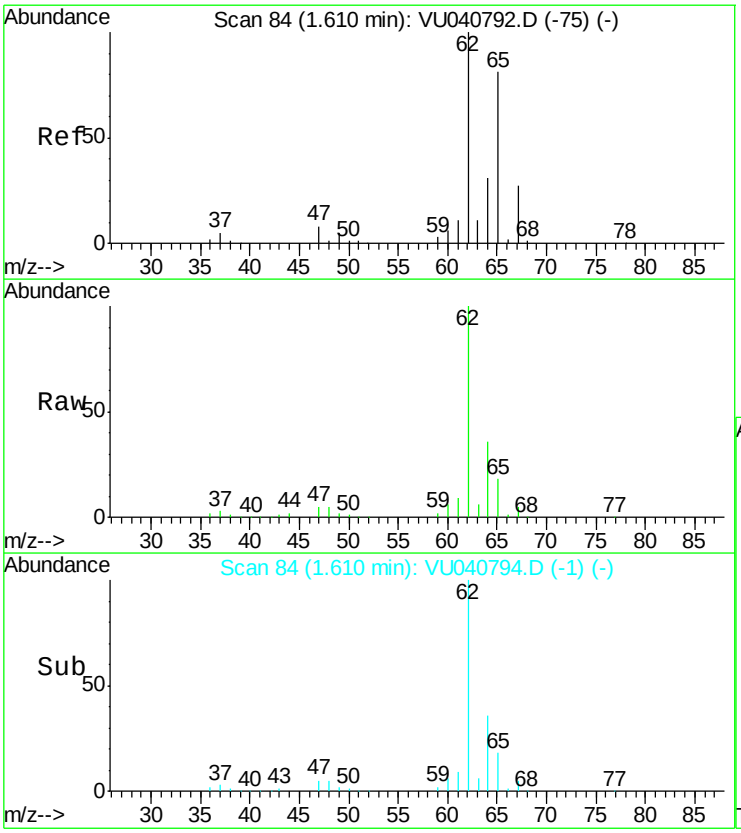
#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040794.D
Acq: 19 Oct 2020 11:04

Instrument :
MSVOA_U
ClientSampleId :
ETZ42

Tgt Ion: 50 Resp: 853

Ion	Ratio	Lower	Upper
50	100		
52	34.0	21.9	40.7

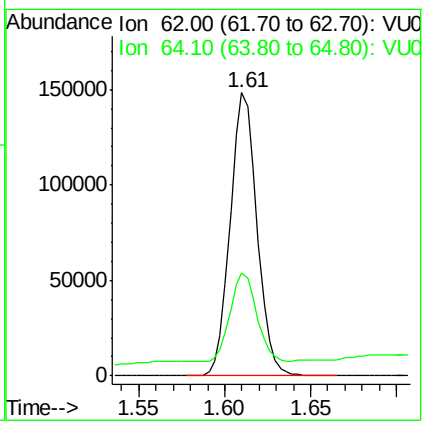


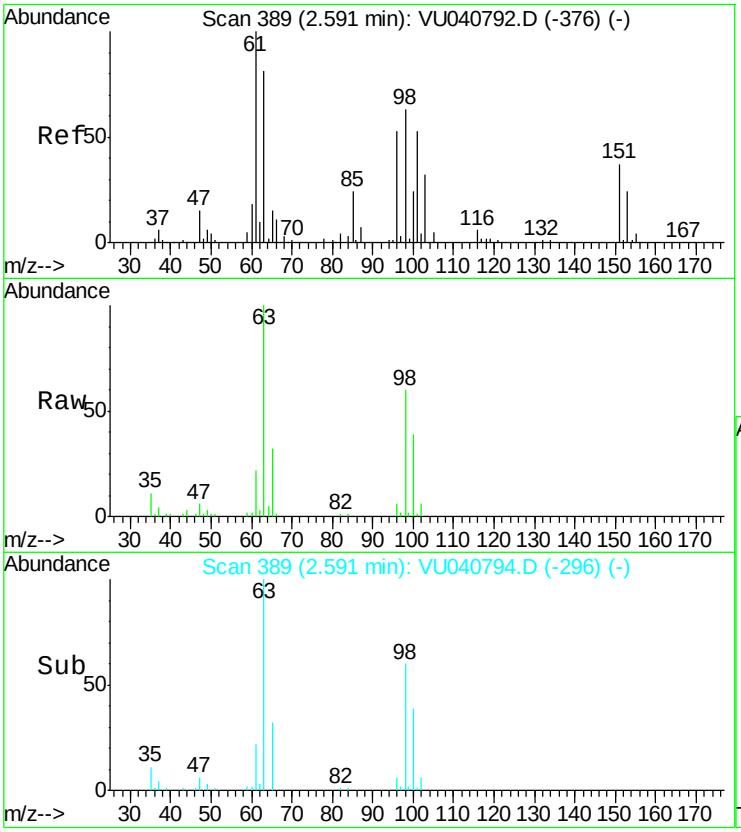


#5
Vinyl chloride
Concen: 15.384 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040794.D
Acq: 19 Oct 2020 11:04

Tgt Ion: 62 Resp: 160426

Ion	Ratio	Lower	Upper
62	100		
64	36.4	23.7	44.1



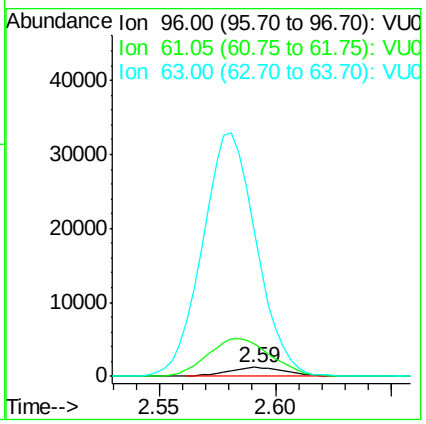


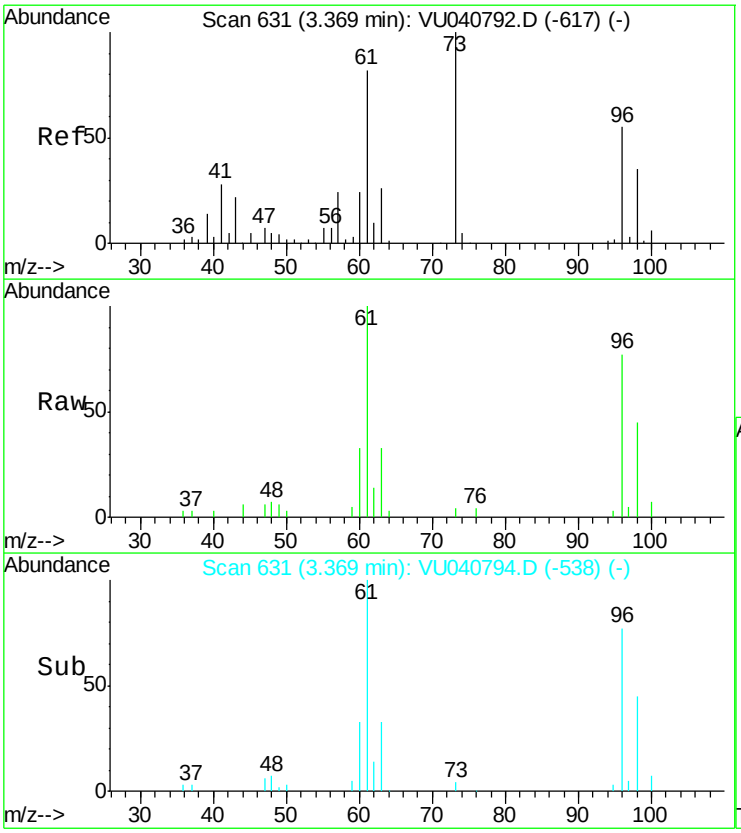
#12
1,1-Dichloroethene
Concen: 0.258 ug/L
RT: 2.59 min Scan# 389
Delta R.T. 0.00 min
Lab File: VU040794.D
Acq: 19 Oct 2020 11:04

Instrument :
MSVOA_U
ClientSampleId :
ETZ42

Tgt Ion: 96 Resp: 2150

Ion	Ratio	Lower	Upper
96	100		
61	356.7	128.8	239.2#
63	1597.4	84.6	157.2#

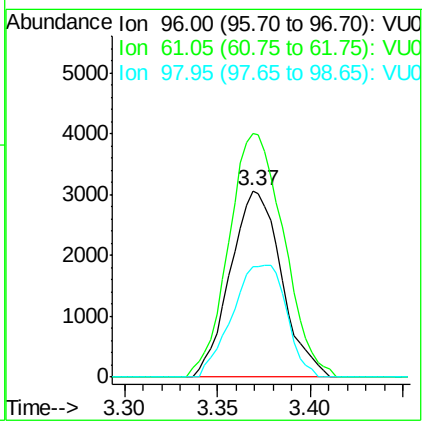


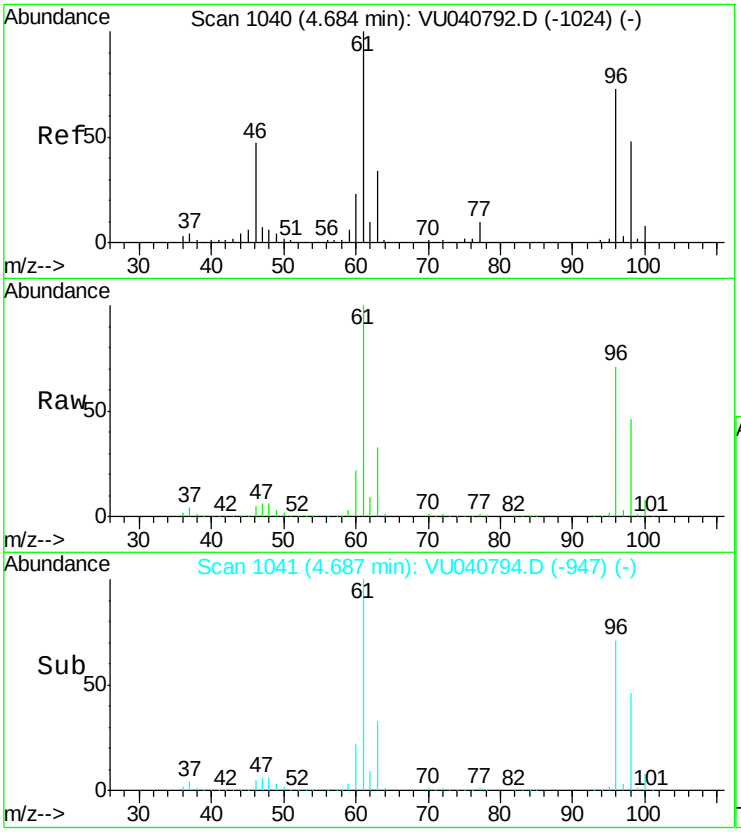


#18
trans-1,2-Dichloroethene
Concen: 0.670 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040794.D
Acq: 19 Oct 2020 11:04

Tgt Ion: 96 Resp: 5848

Ion	Ratio	Lower	Upper
96	100		
61	130.7	105.9	196.7
98	59.3	43.8	81.3



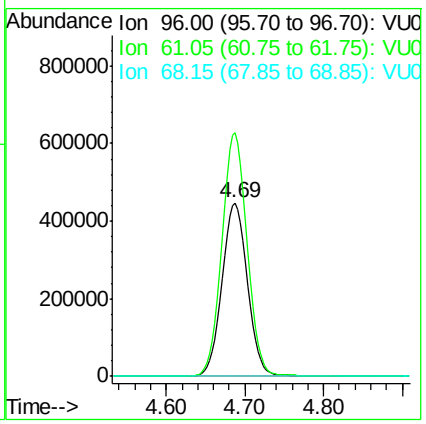


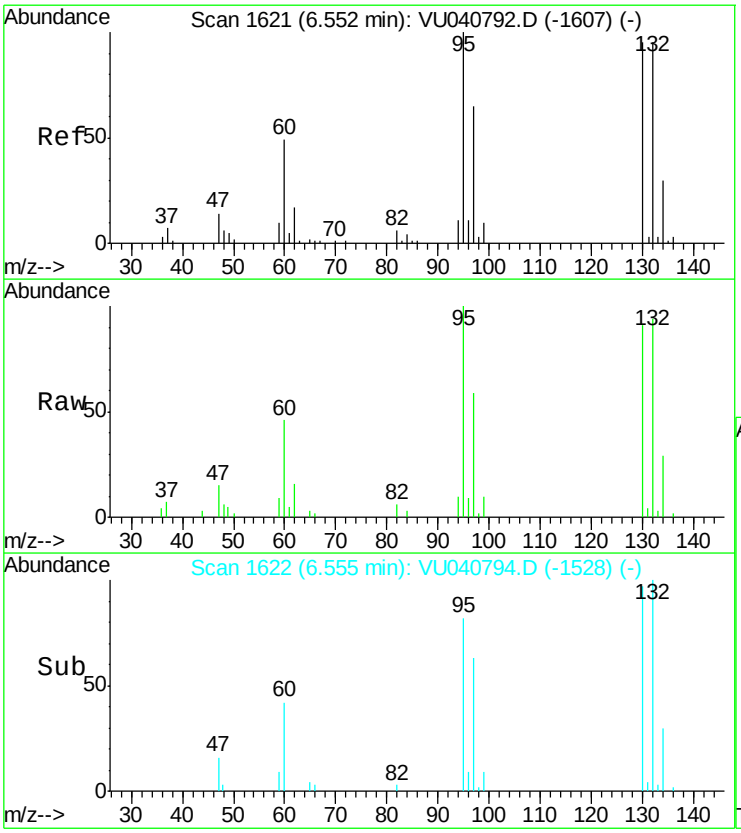
#22
cis-1,2-Dichloroethene
Concen: 105.624 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040794.D
Acq: 19 Oct 2020 11:04

Instrument :
MSVOA_U
ClientSampleId :
ETZ42

Tgt Ion: 96 Resp: 994244

Ion	Ratio	Lower	Upper
96	100		
61	140.4	99.8	185.4
68	0.0	0.0	0.0

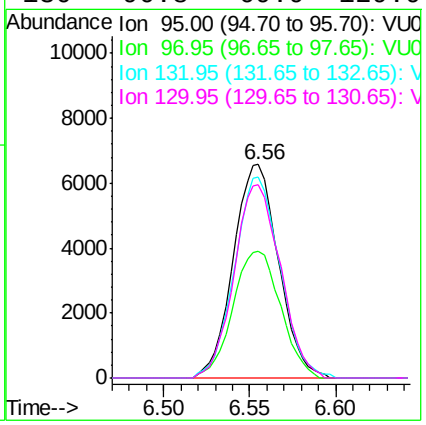


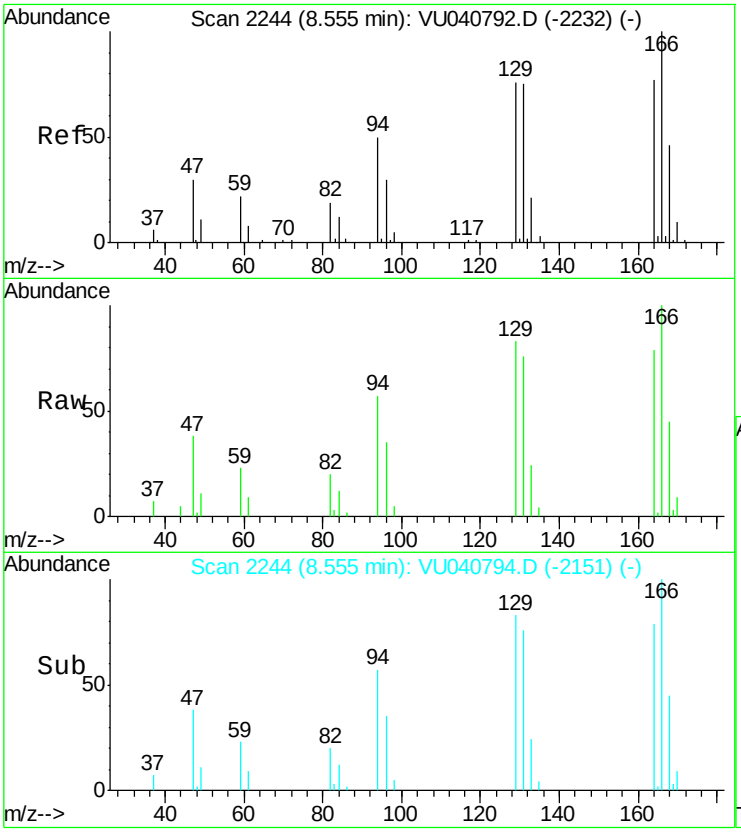


#34
Trichloroethene
Concen: 1.194 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040794.D
Acq: 19 Oct 2020 11:04

Tgt Ion: 95 Resp: 12029

Ion	Ratio	Lower	Upper
95	100		
97	59.3	45.5	84.5
132	94.0	67.5	125.4
130	90.8	69.9	129.9





#47
Tetrachloroethene
Concen: 0.920 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040794.D
Acq: 19 Oct 2020 11:04

Instrument :
MSVOA_U
ClientSampleId :
ETZ42

Tgt Ion:164 Resp: 6613

Ion	Ratio	Lower	Upper
164	100		
129	106.0	68.8	127.8
131	96.9	66.7	123.9
166	127.0	83.9	155.7