Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022420\
Data File : VU036890.D
Acq On : 24 Feb 2020 17:59
Operator : JC/MD
Sample : L1608-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Feb 25 03:21:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 25 03:18:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	274161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95145	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	107174	46.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.10%			
7) Chloroethane-d5	1.93	69	90869	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.59	63	136730	35.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.92%			
21) 2-Butanone-d5	4.67	46	159644	103.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.37%			
24) Chloroform-d	5.11	84	167201	47.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.12%			
26) 1,2-Dichloroethane-d4	5.74	65	117328	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.62%			
32) Benzene-d6	5.76	84	369211	49.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.74%			
36) 1,2-Dichloropropane-d6	6.72	67	120248	50.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.28%			
41) Toluene-d8	7.93	98	331946	48.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.66%			
43) trans-1,3-Dichloropropene-	8.20	79	51453	46.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.32%			
47) 2-Hexanone-d5	8.66	63	116045	98.95	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.95%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	162659	48.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	96800	52.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.10%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1412	0.806	ug/L #	31
12) 1,1-Dichloroethene	2.60	96	2122	1.198	ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	9416	4.427	ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	6237	2.272	ug/L	98
34) Trichloroethene	6.57	95	231896	116.663	ug/L	99
37) 1,2-Dichloropropane	6.72	63	13388	6.148	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3437	1.025	ug/L #	50
59) 1,2,3-Trichloropropane	11.83	75	14720	5.255	ug/L	95

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Feb 25 03:21:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 25 03:18:14 2020
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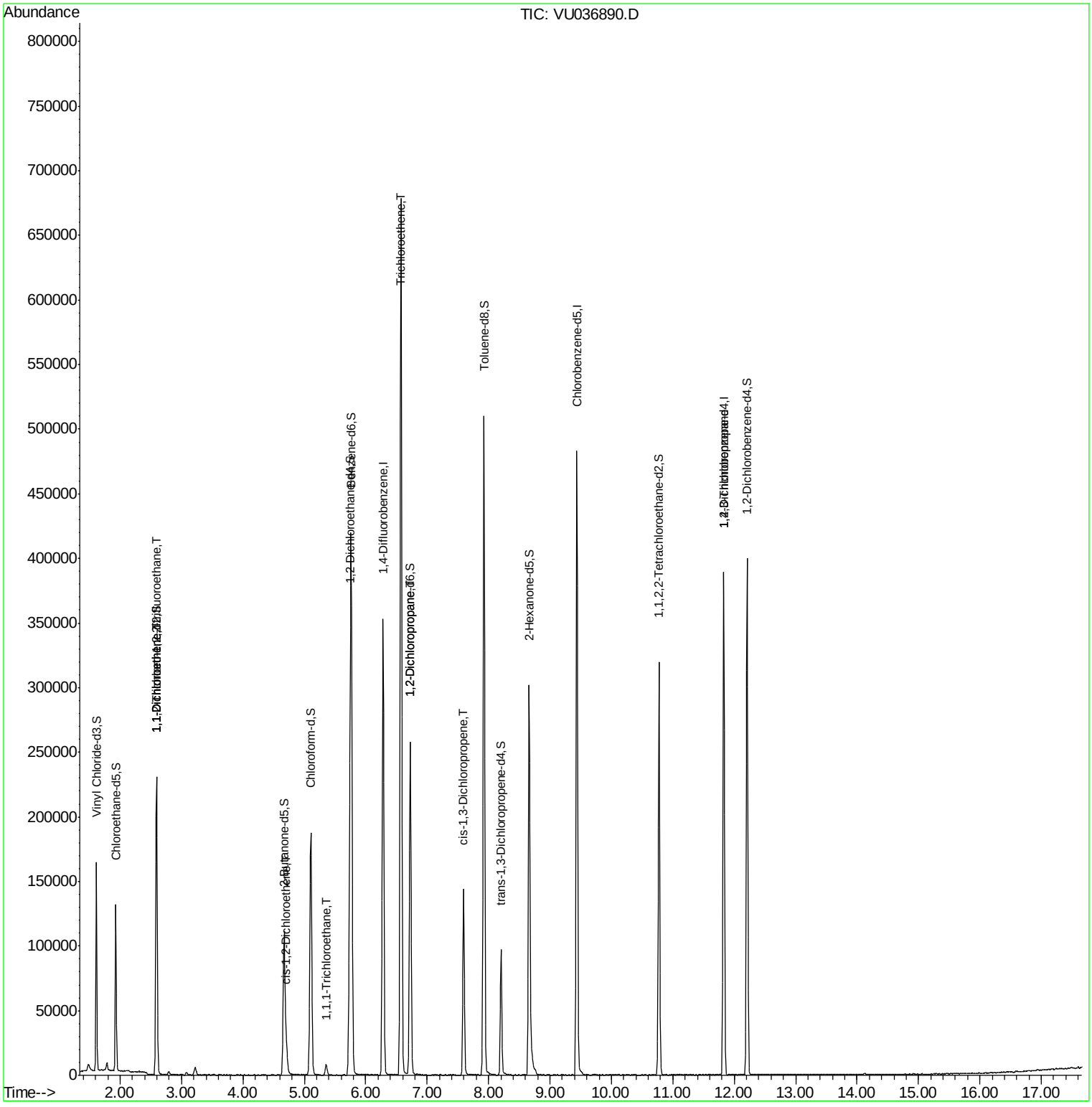
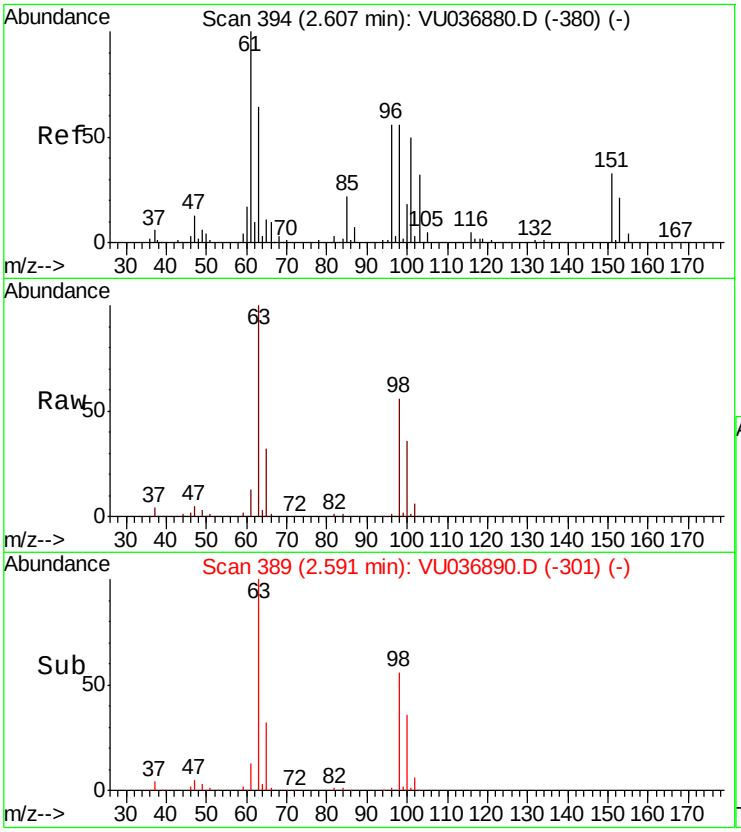


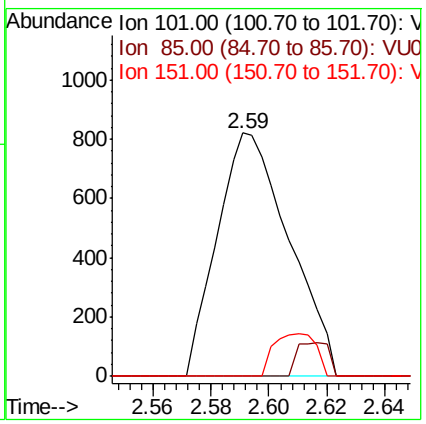


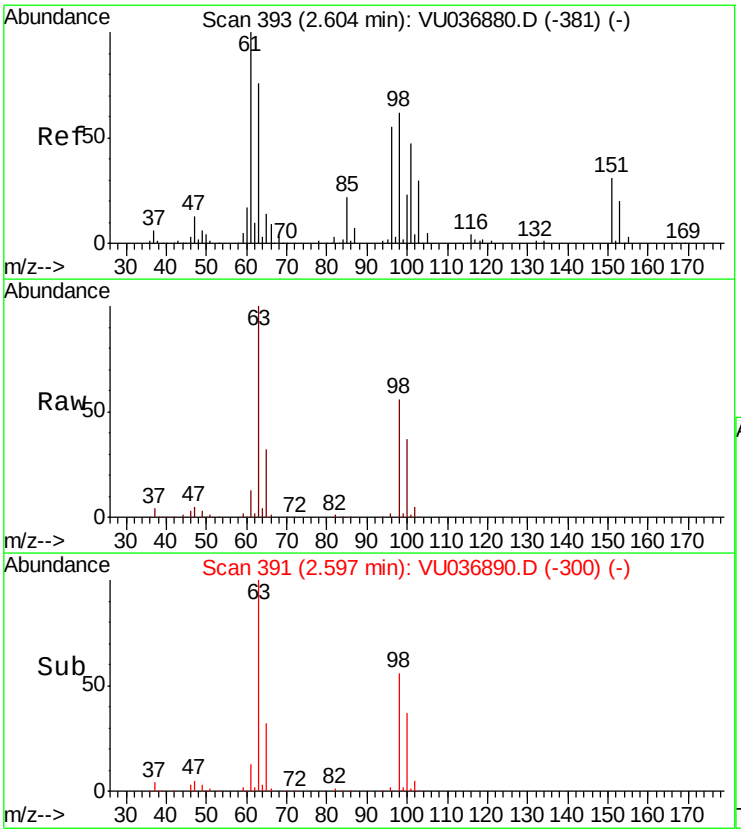
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.806 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU036890.D
Acq: 24 Feb 2020 17:59

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 1412

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.4	54.6#
151	10.3	52.4	78.6#

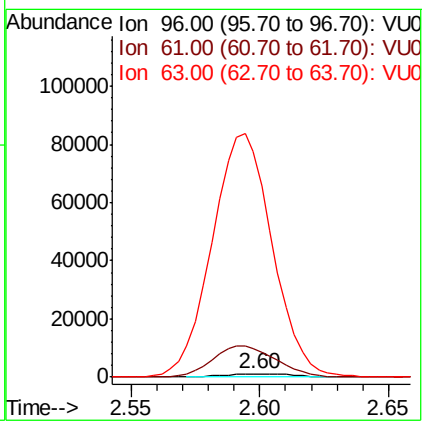


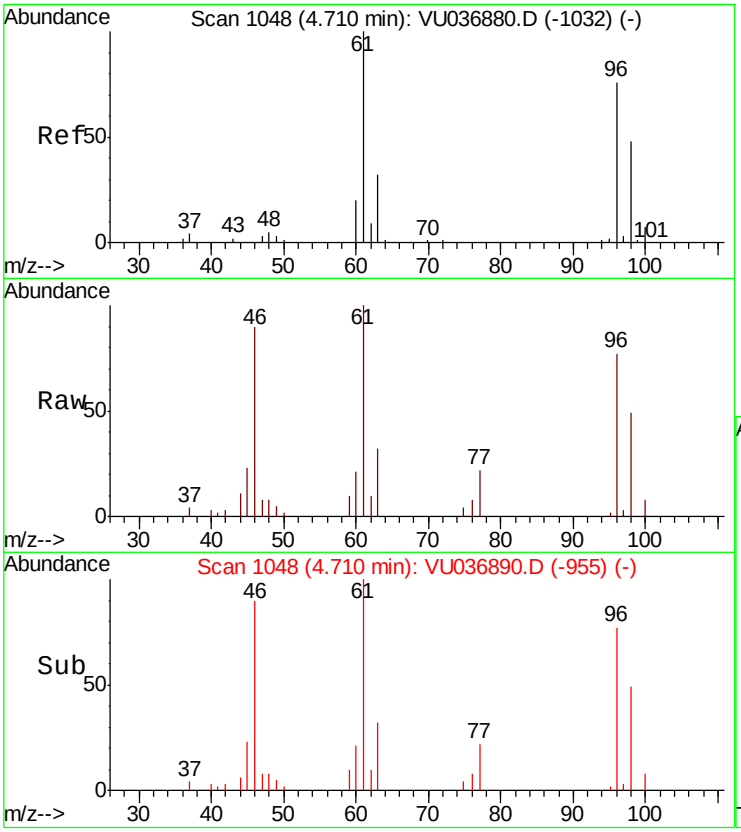


#12
1,1-Dichloroethene
Concen: 1.198 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU036890.D
Acq: 24 Feb 2020 17:59

Tgt Ion: 96 Resp: 2122

Ion	Ratio	Lower	Upper
96	100		
61	819.7	127.5	236.7#
63	6373.1	101.4	188.2#



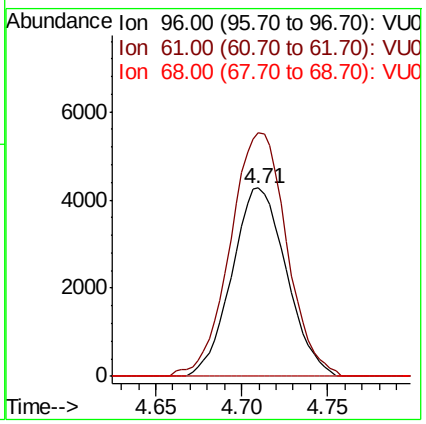


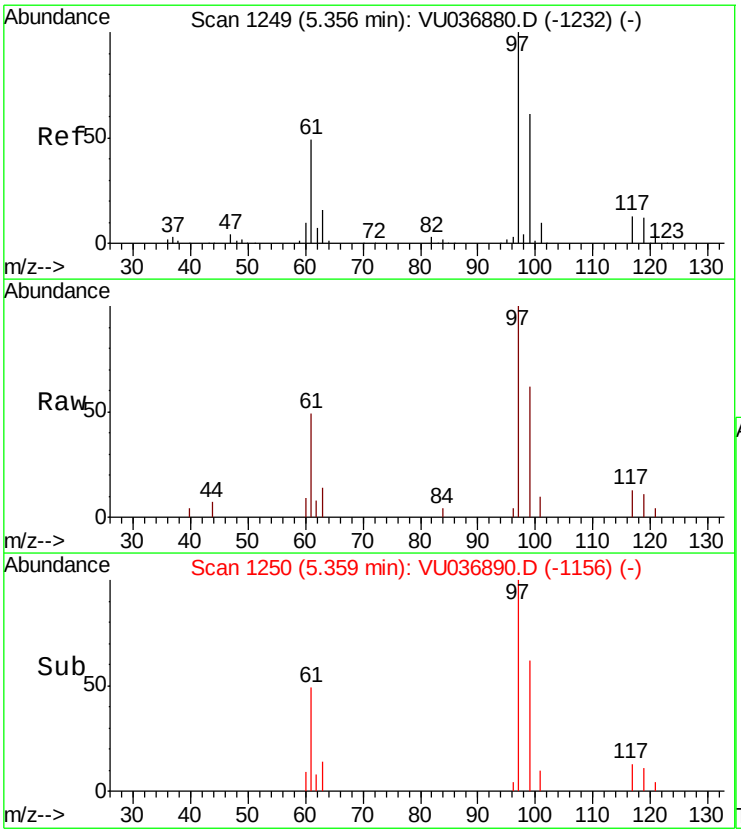
#20
cis-1,2-Dichloroethene
Concen: 4.427 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU036890.D
Acq: 24 Feb 2020 17:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 9416

Ion	Ratio	Lower	Upper
96	100		
61	129.3	93.1	172.9
68	0.0	0.0	0.0

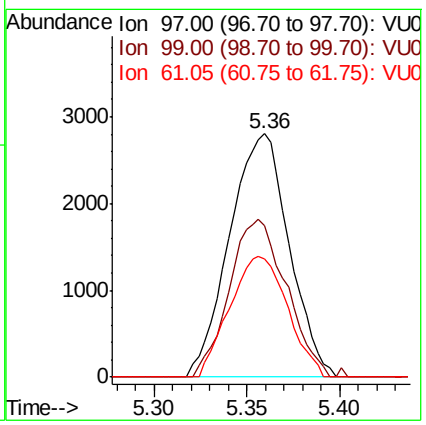


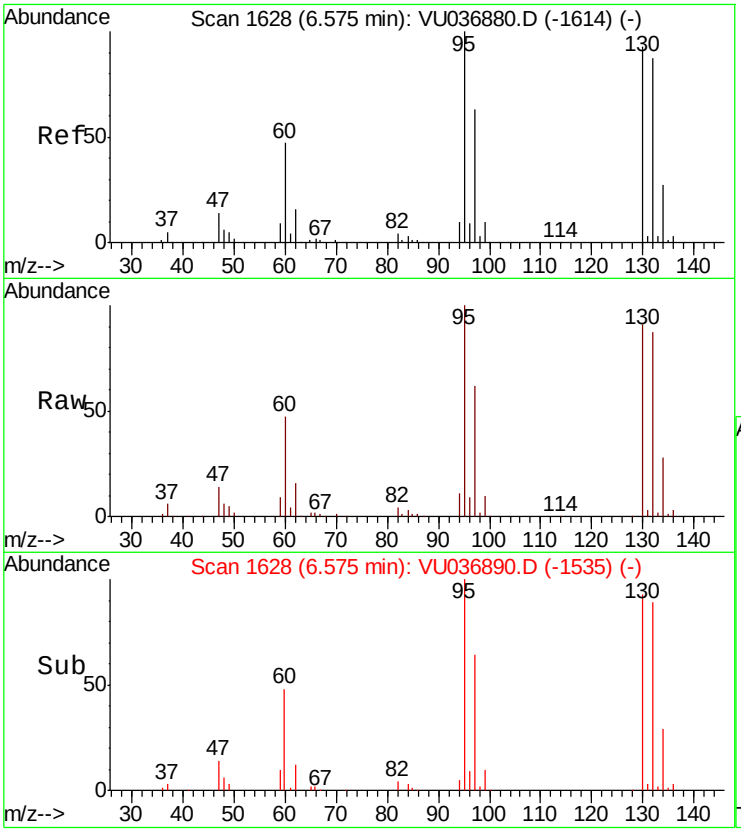


#30
1,1,1-Trichloroethane
Concen: 2.272 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU036890.D
Acq: 24 Feb 2020 17:59

Tgt Ion: 97 Resp: 6237

Ion	Ratio	Lower	Upper
97	100		
99	62.1	50.4	75.6
61	48.1	40.3	60.5



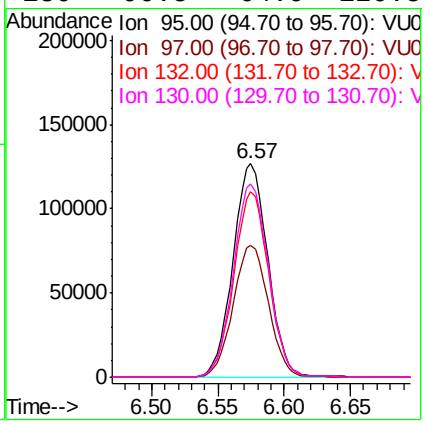


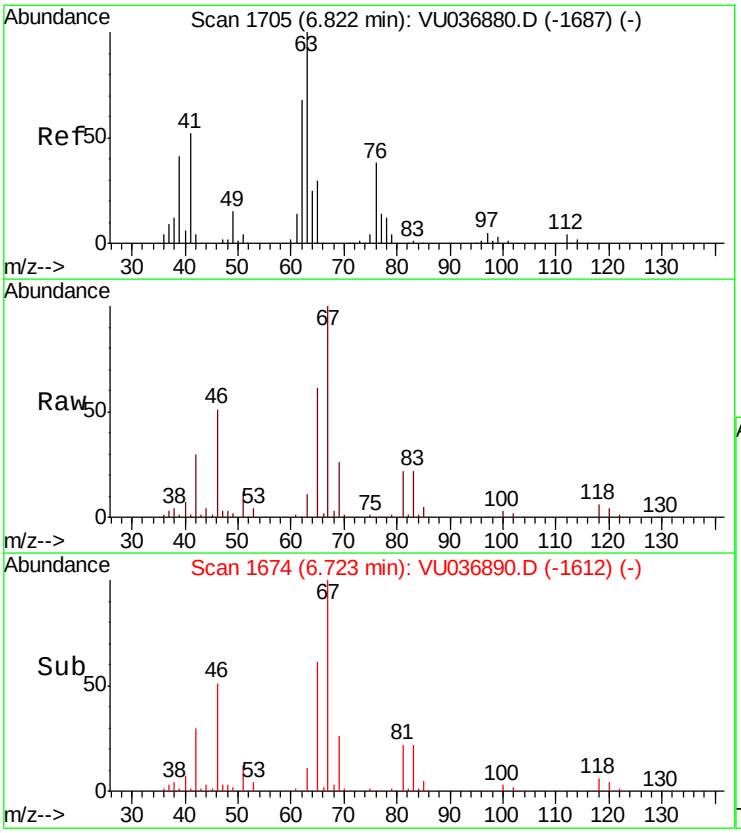
#34
Trichloroethene
Concen: 116.663 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU036890.D
Acq: 24 Feb 2020 17:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 231896

Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.1	81.9
132	86.8	60.6	112.6
130	90.5	64.9	120.5

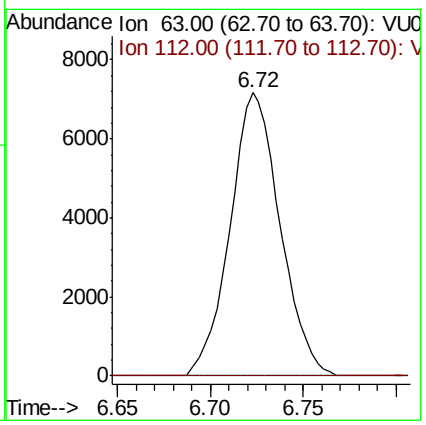


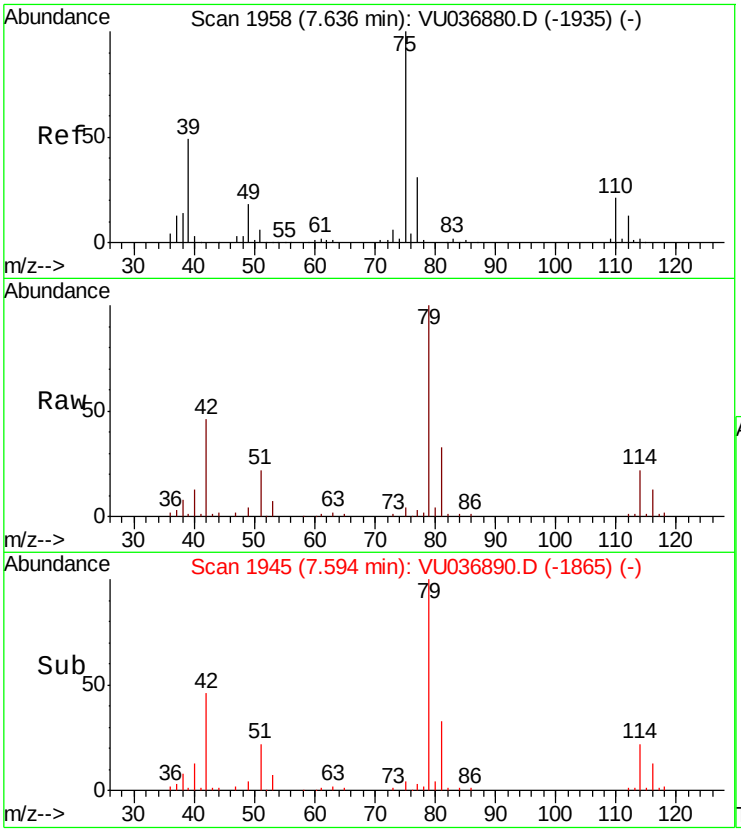


#37
1,2-Dichloropropane
Concen: 6.148 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036890.D
Acq: 24 Feb 2020 17:59

Tgt Ion: 63 Resp: 13388

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



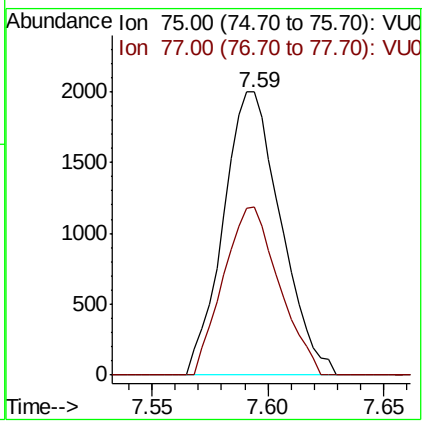


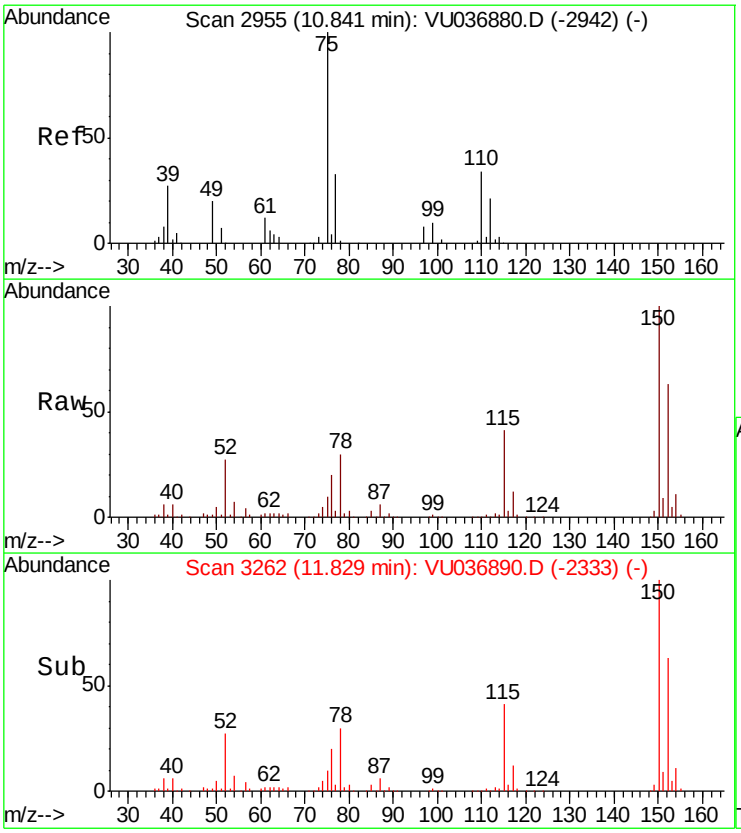
#39
cis-1,3-Dichloropropene
Concen: 1.025 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU036890.D
Acq: 24 Feb 2020 17:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3437

Ion	Ratio	Lower	Upper
75	100		
77	59.3	22.0	41.0#





#59
1,2,3-Trichloropropane
Concen: 5.255 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU036890.D
Acq: 24 Feb 2020 17:59

Tgt Ion: 75 Resp: 14720

Ion	Ratio	Lower	Upper
75	100		
77	35.4	26.2	39.2