Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022820\

Quantitation Report (Not Reviewed)

Data File : VU036964.D
Acq On : 28 Feb 2020 11:42
Operator : JC/MD
Sample : L1687-13DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AT3DL

Quant Time: Feb 29 00:33:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253354	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86101	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	90309	42.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.90%			
7) Chloroethane-d5	1.93	69	82614	46.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.86%			
11) 1,1-Dichloroethene-d2	2.59	63	118426	33.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.48%			
21) 2-Butanone-d5	4.67	46	151782	106.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.35%			
24) Chloroform-d	5.11	84	156837	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.54%			
26) 1,2-Dichloroethane-d4	5.74	65	109056	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.20%			
32) Benzene-d6	5.76	84	344329	49.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.82%			
36) 1,2-Dichloropropane-d6	6.72	67	114613	51.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.56%			
41) Toluene-d8	7.93	98	311689	48.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	8.20	79	48794	46.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.96%			
47) 2-Hexanone-d5	8.66	63	109746	100.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.43%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158714	50.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.74%			
64) 1,2-Dichlorobenzene-d4	12.21	152	91823	54.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.10%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1237	0.765	ug/L #	30
12) 1,1-Dichloroethene	2.59	96	1582	0.967	ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	2683	1.365	ug/L	96
30) 1,1,1-Trichloroethane	5.35	97	18081	7.069	ug/L	96
31) Carbon tetrachloride	5.36	117	2305	1.150	ug/L	90
34) Trichloroethene	6.57	95	80657	43.545	ug/L	98
35) Methylcyclohexane	6.72	83	25035	7.795	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12327	6.075	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3098	0.991	ug/L #	60
48) 2-Hexanone	8.66	43	12254	5.136	ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	13477	5.163	ug/L	99

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

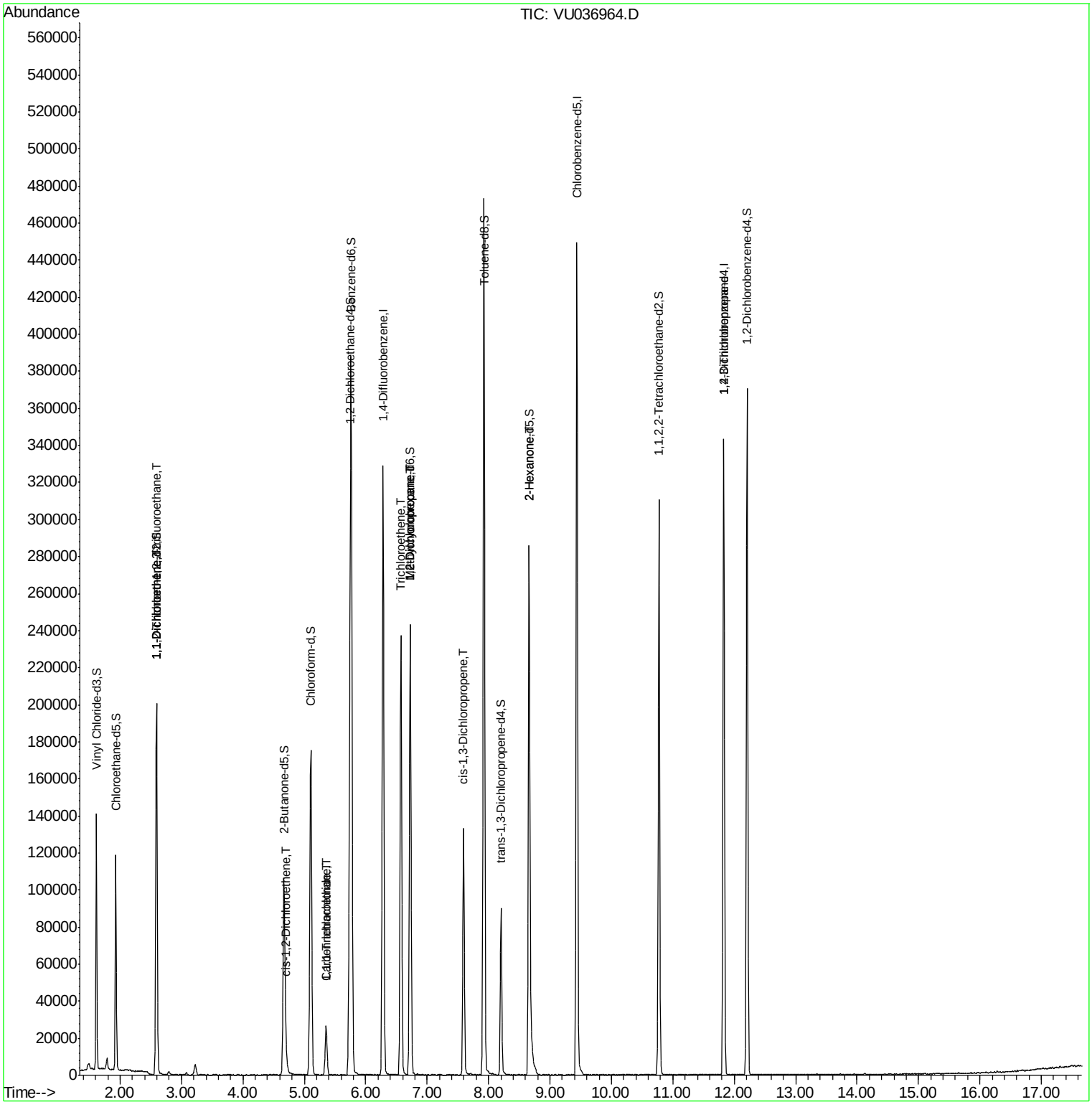
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022820\

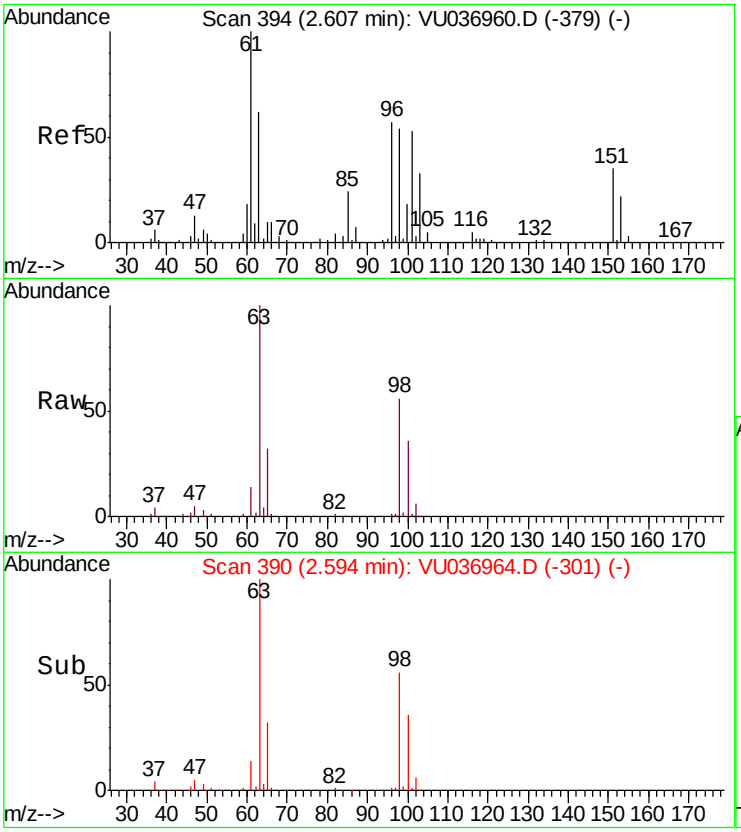
Quantitation Report (Not Reviewed)

Data File : VU036964.D
Acq On : 28 Feb 2020 11:42
Operator : JC/MD
Sample : L1687-13DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT3DL

Quant Time: Feb 29 00:33:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration



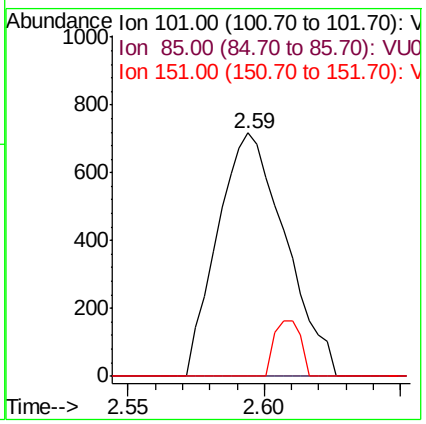


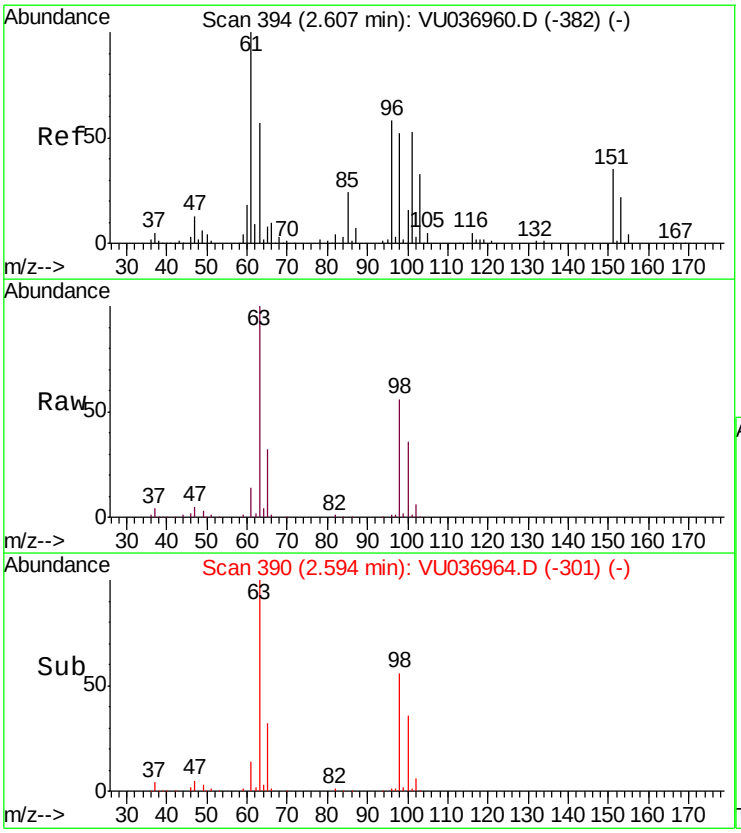
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.765 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Instrument :
MSVOA_U
ClientSampleId :
C0AT3DL

Tgt Ion:101 Resp: 1237

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.4	54.6#
151	9.0	52.4	78.6#

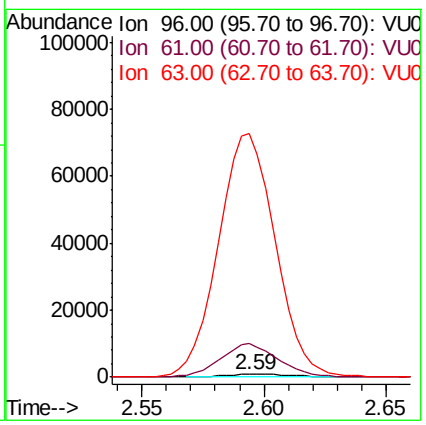


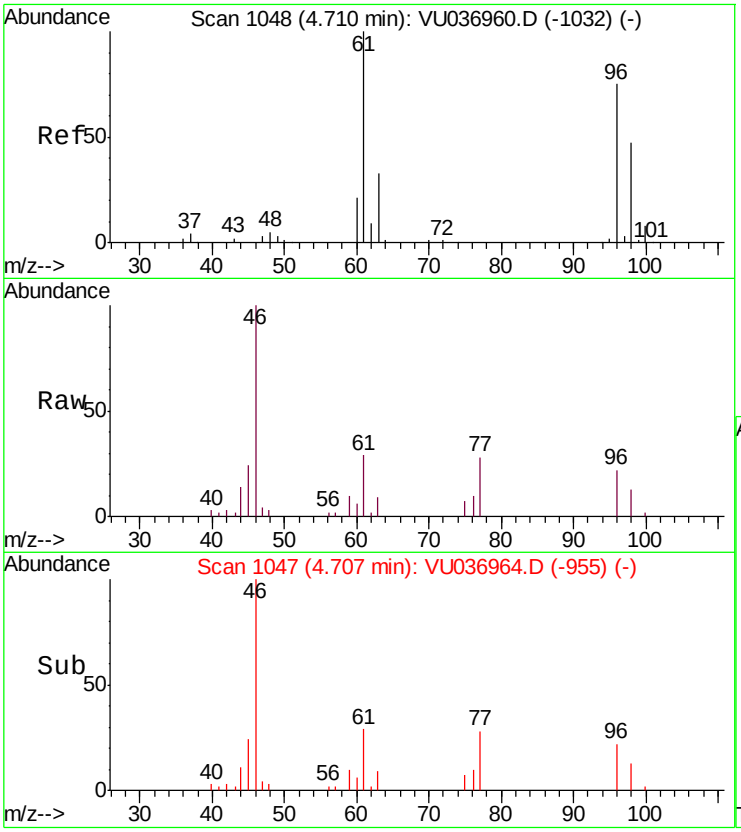


#12
1,1-Dichloroethene
Concen: 0.967 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Tgt Ion: 96 Resp: 1582

Ion	Ratio	Lower	Upper
96	100		
61	1271.3	127.5	236.7#
63	9352.2	101.4	188.2#



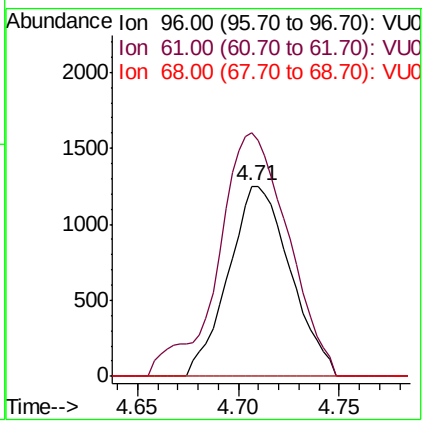


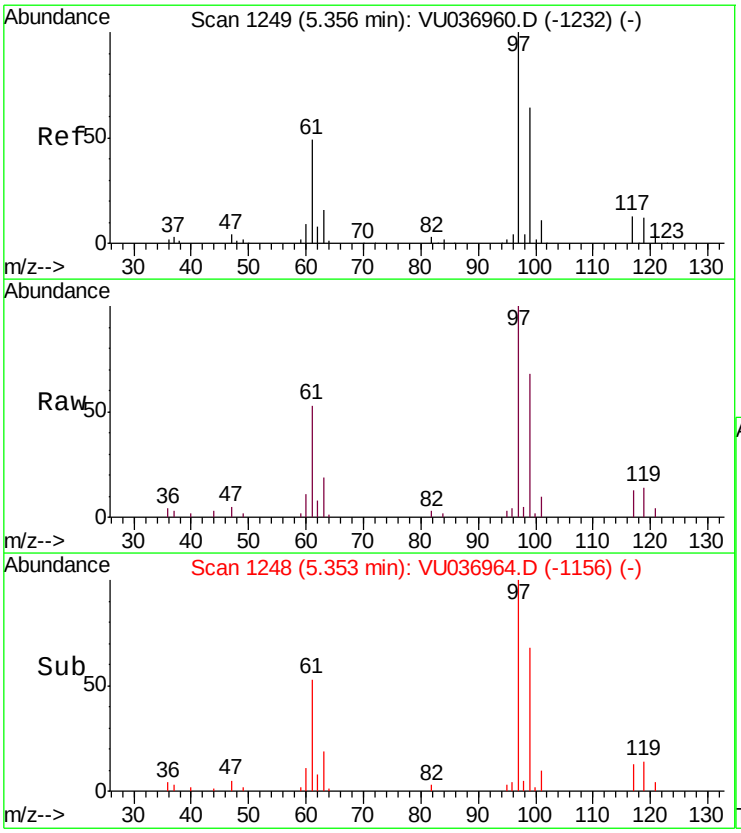
#20
cis-1,2-Dichloroethene
Concen: 1.365 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Instrument :
MSVOA_U
ClientSampleId :
C0AT3DL

Tgt Ion: 96 Resp: 2683

Ion	Ratio	Lower	Upper
96	100		
61	128.2	93.1	172.9
68	0.0	0.0	0.0

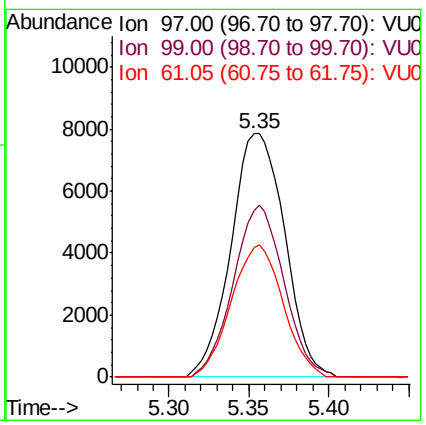


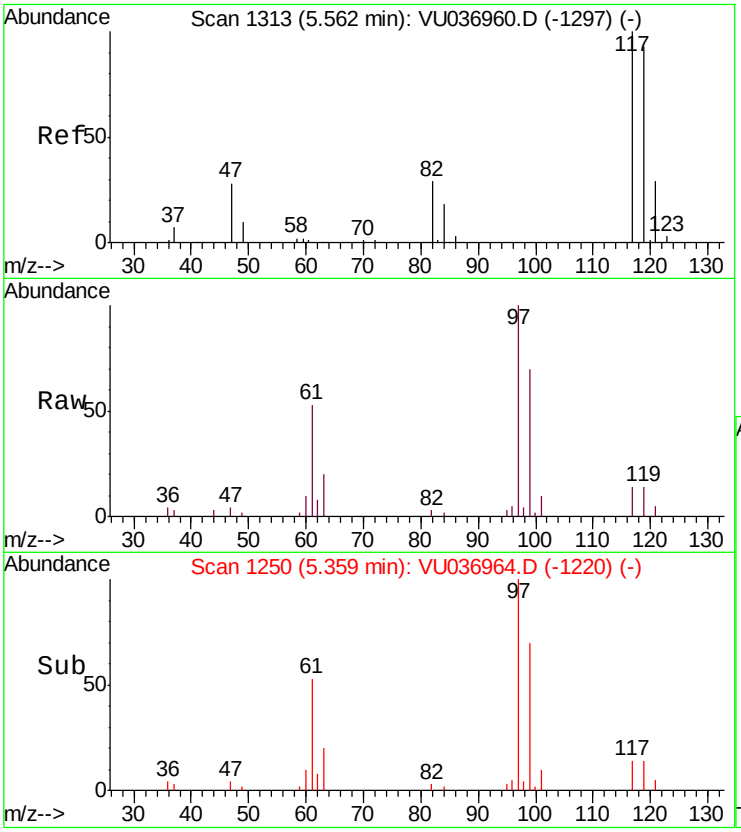


#30
1,1,1-Trichloroethane
Concen: 7.069 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Tgt Ion: 97 Resp: 18081

Ion	Ratio	Lower	Upper
97	100		
99	66.5	50.4	75.6
61	52.3	40.3	60.5



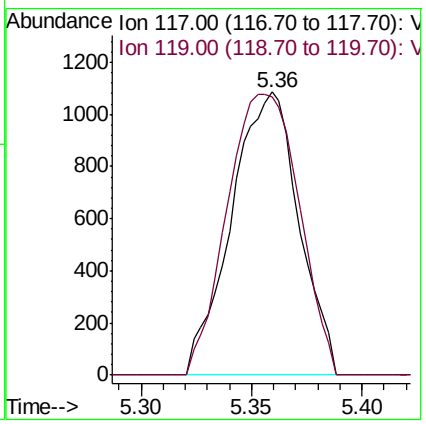


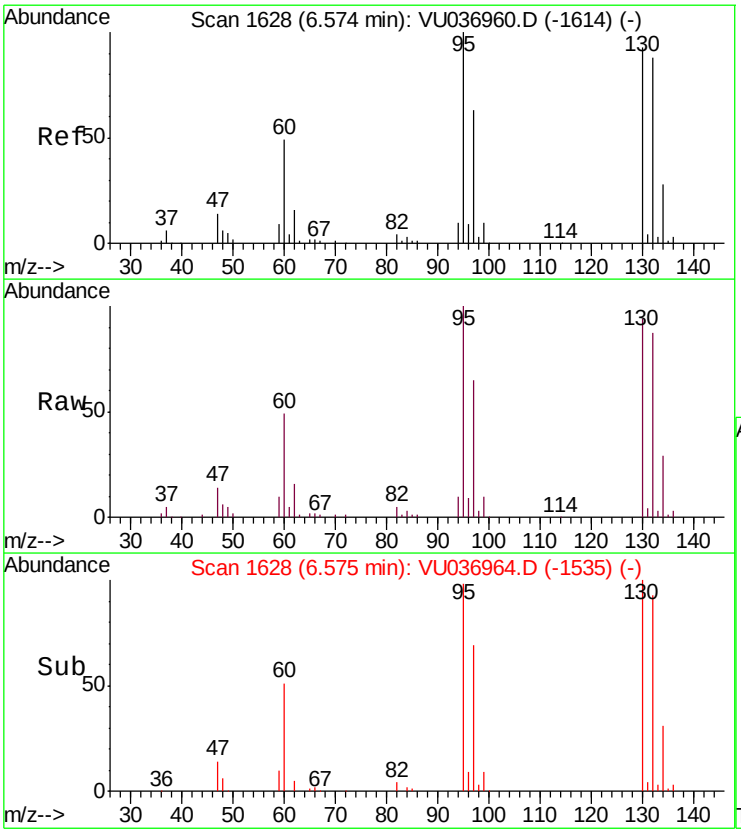
#31
Carbon tetrachloride
Concen: 1.150 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. -0.20 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Instrument :
MSVOA_U
ClientSampleId :
C0AT3DL

Tgt Ion:117 Resp: 2305

Ion	Ratio	Lower	Upper
117	100		
119	106.2	77.2	115.8

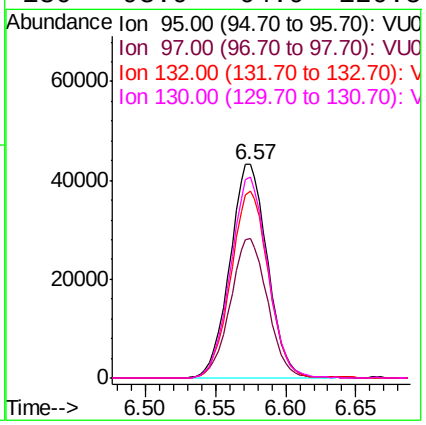


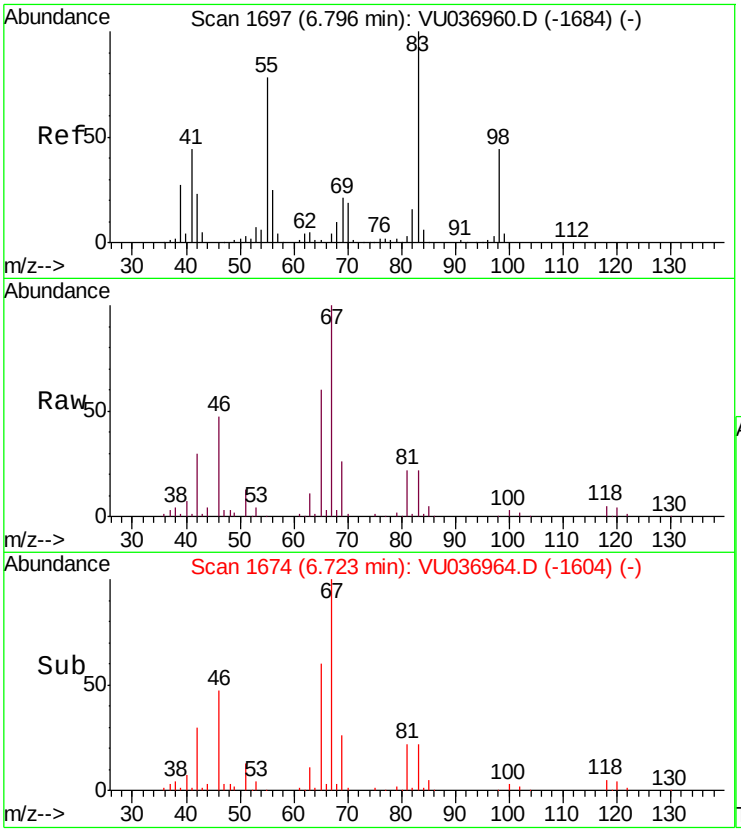


#34
Trichloroethene
Concen: 43.545 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Tgt Ion: 95 Resp: 80657

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.1	81.9
132	87.4	60.6	112.6
130	93.9	64.9	120.5



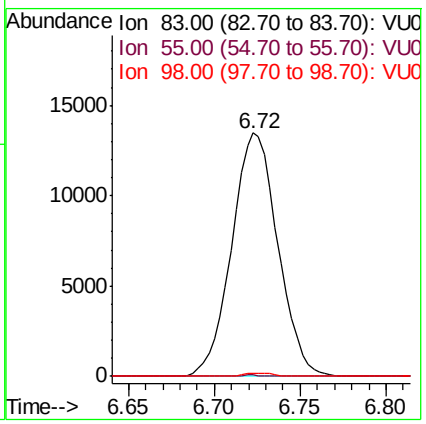


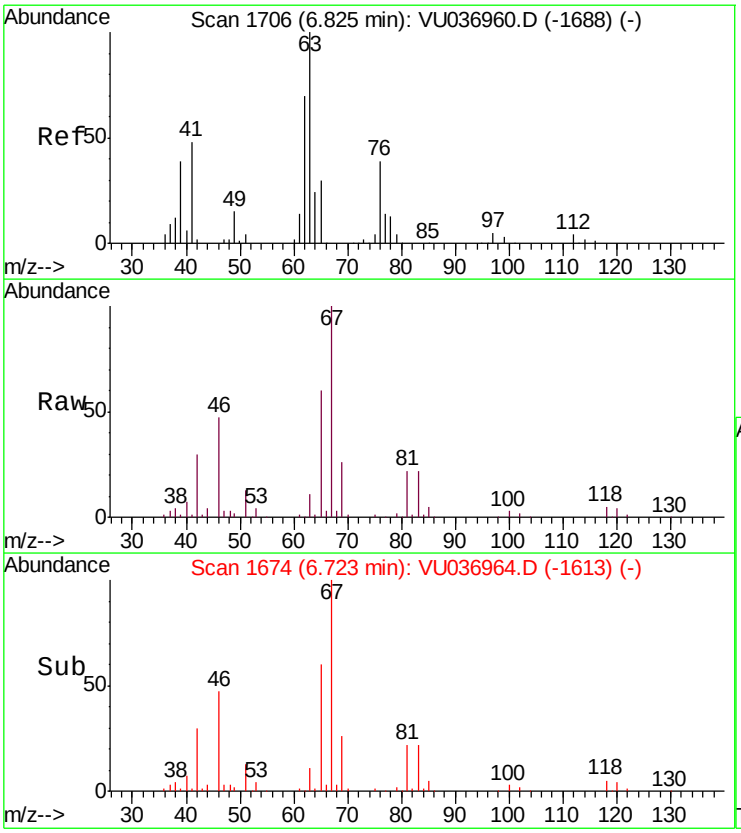
#35
Methylcyclohexane
Concen: 7.795 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Instrument : MSVOA_U
ClientSampleId : C0AT3DL

Tgt Ion: 83 Resp: 25035

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	0.8	35.1	52.7#

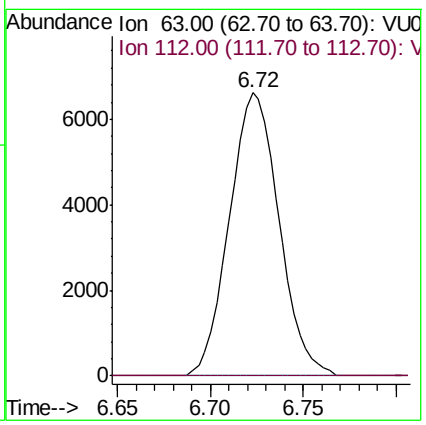


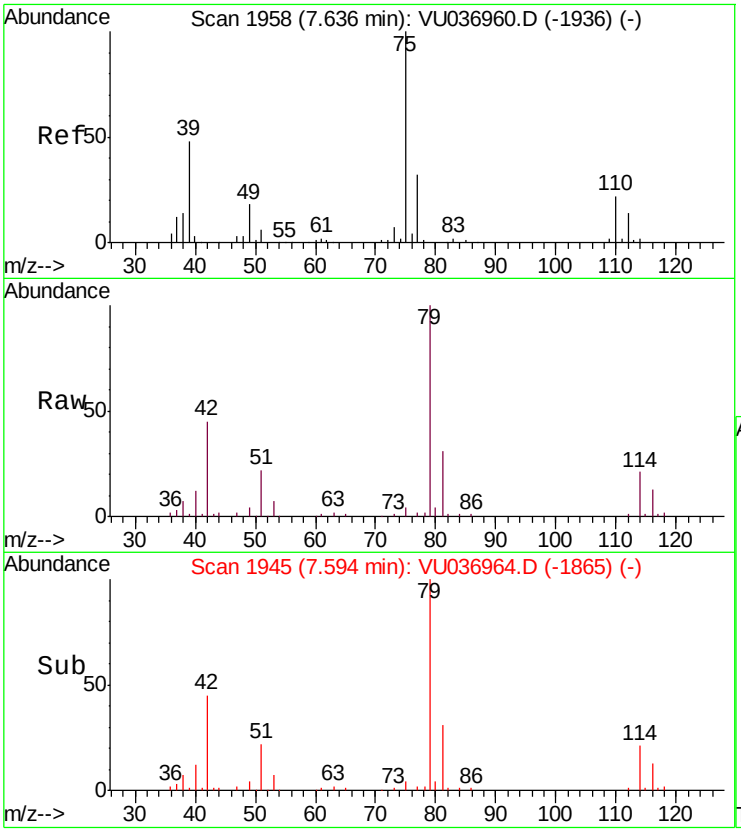


#37
1,2-Dichloropropane
Concen: 6.075 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Tgt Ion: 63 Resp: 12327

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



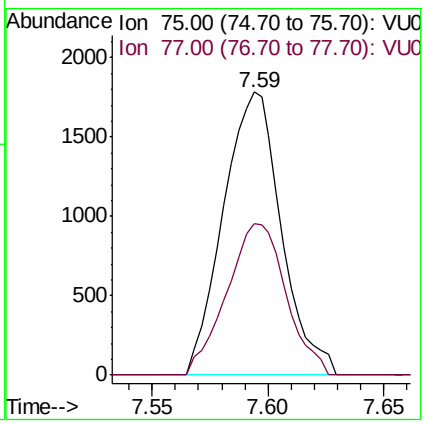


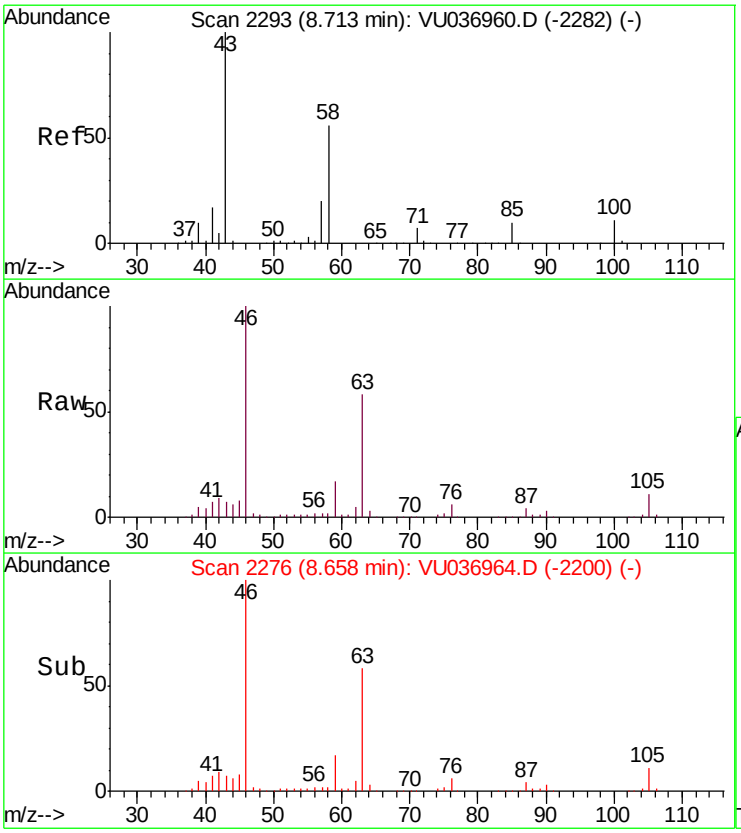
#39
cis-1,3-Dichloropropene
Concen: 0.991 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Instrument :
MSVOA_U
ClientSampleId :
C0AT3DL

Tgt Ion: 75 Resp: 3098

Ion	Ratio	Lower	Upper
75	100		
77	53.6	22.0	41.0#

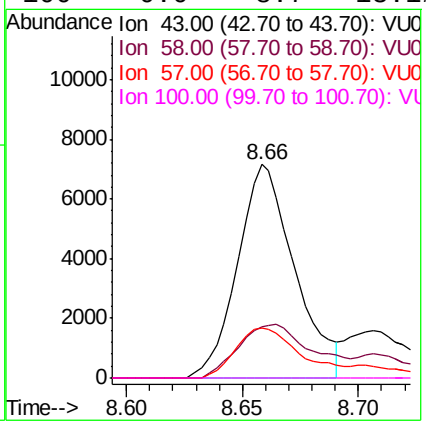


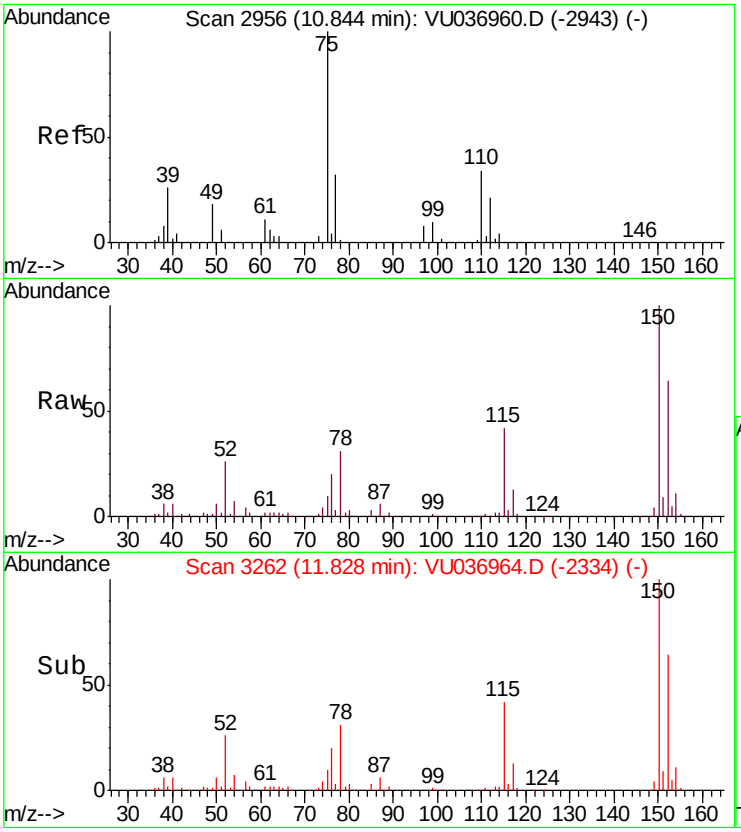


#48
2-Hexanone
Concen: 5.136 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Tgt Ion: 43 Resp: 12254

Ion	Ratio	Lower	Upper
43	100		
58	33.2	43.5	65.3#
57	26.5	15.1	22.7#
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 5.163 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036964.D
Acq: 28 Feb 2020 11:42

Instrument :
MSVOA_U
ClientSampleId :
C0AT3DL

Tgt Ion: 75 Resp: 13477

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.2	39.2