Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
Data File : VU036619.D
Acq On : 30 Jan 2020 15:13
Operator : JC/MD
Sample : L1322-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XR7

Quant Time: Jan 30 15:37:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 12:57:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	307908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132111	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	91194	39.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.08%			
7) Chloroethane-d5	1.93	69	83347	42.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.24%			
11) 1,1-Dichloroethene-d2	2.59	63	120487	32.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.62%			
21) 2-Butanone-d5	4.68	46	139719	102.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.07%			
24) Chloroform-d	5.11	84	157025	41.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.16%			
26) 1,2-Dichloroethane-d4	5.75	65	105525	44.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.66%			
32) Benzene-d6	5.77	84	367314	45.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.52%			
36) 1,2-Dichloropropane-d6	6.73	67	118278	47.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.58%			
41) Toluene-d8	7.93	98	350222	45.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.70%			
43) trans-1,3-Dichloropropene-	8.21	79	55431	46.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.20%			
47) 2-Hexanone-d5	8.67	63	127656	110.06	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.06%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	170512	46.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.74%			
64) 1,2-Dichlorobenzene-d4	12.21	152	130620	46.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.16%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.16	101	6297	2.01	ug/L	98
25) Chloroform	5.13	83	9942	2.64	ug/L	94
34) Trichloroethene	6.58	95	35334	16.09	ug/L	95
35) Methylcyclohexane	6.73	83	27101	7.40	ug/L #	21
37) 1,2-Dichloropropane	6.73	63	12200	5.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3000	0.86	ug/L #	54
46) Tetrachloroethene	8.58	164	23780	13.33	ug/L	98
48) 2-Hexanone	8.67	43	11833	5.65	ug/L #	66
49) Dibromochloromethane	8.58	129	21728	9.44	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	15543	5.30	ug/L	94

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

Quantitation Report (Not Reviewed)

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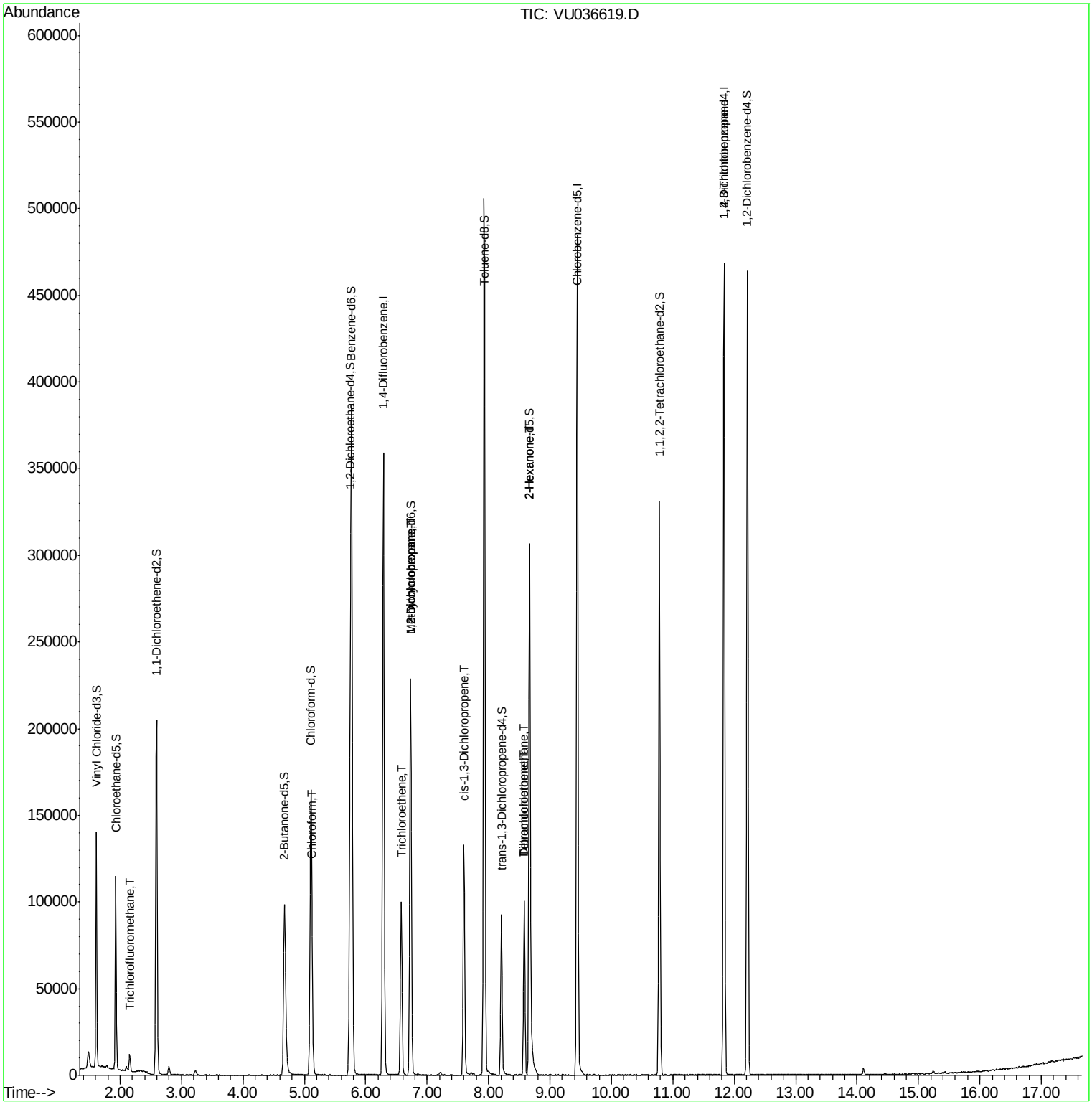
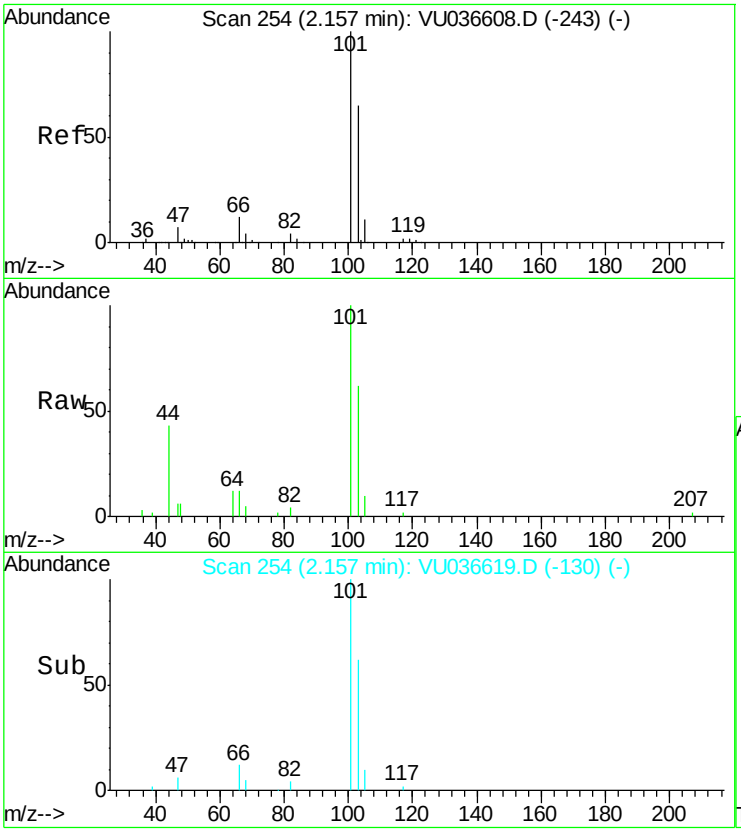
Operator : JC/MD
Sample : L1322-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XR7

Quant Time: Jan 30 15:37:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 12:57:35 2020
Response via : Initial Calibration



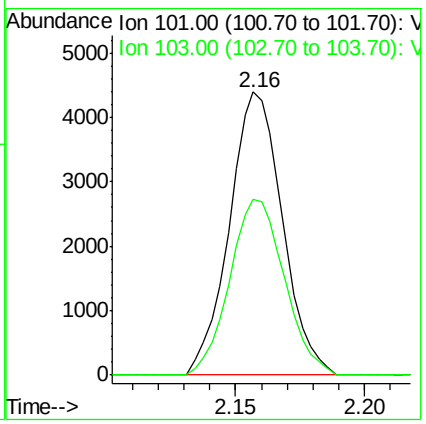


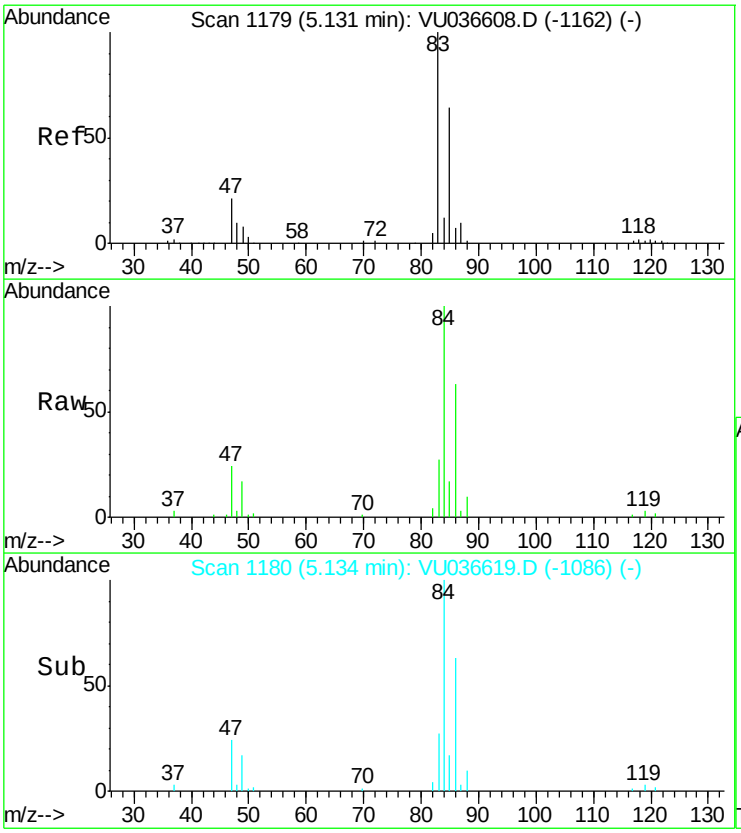
#9
Trichlorofluoromethane
Concen: 2.01 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Instrument :
MSVOA_U
ClientSampleId :
C0XR7

Tgt Ion:101 Resp: 6297

Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.4	78.6

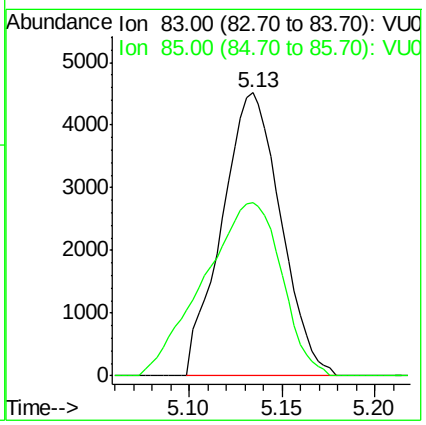


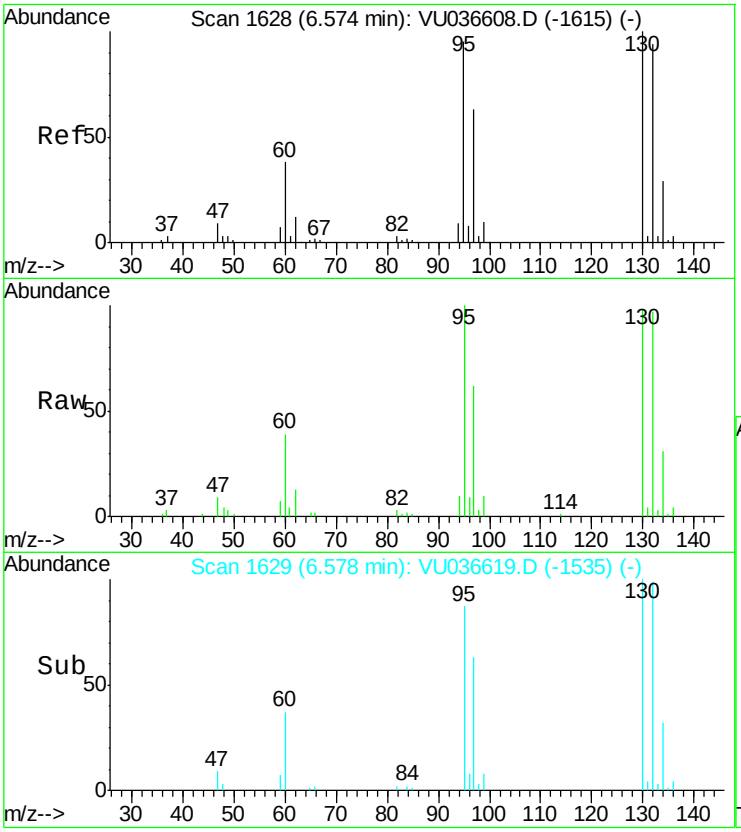


#25
Chloroform
Concen: 2.64 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Tgt Ion: 83 Resp: 9942

Ion	Ratio	Lower	Upper
83	100		
85	61.3	46.3	85.9



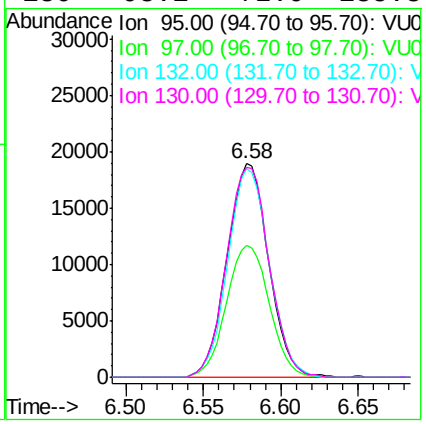


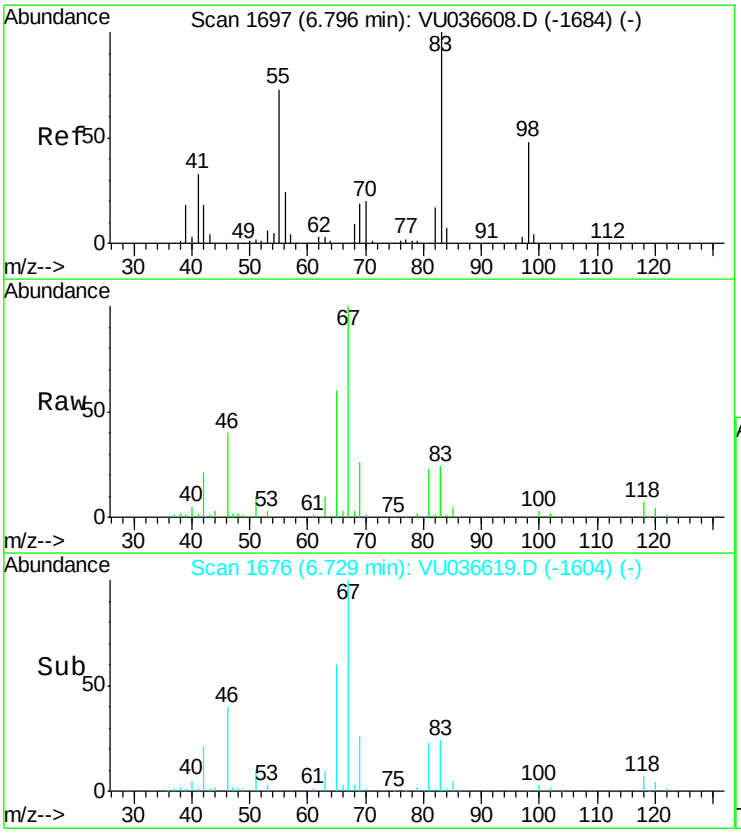
#34
Trichloroethene
Concen: 16.09 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Instrument :
MSVOA_U
ClientSampleId :
C0XR7

Tgt Ion: 95 Resp: 35334

Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.5	84.5
132	97.5	70.9	131.7
130	98.1	72.9	135.3

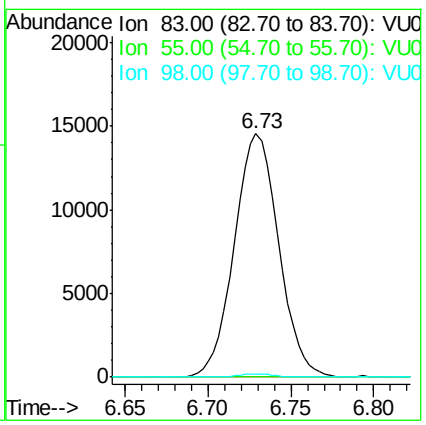


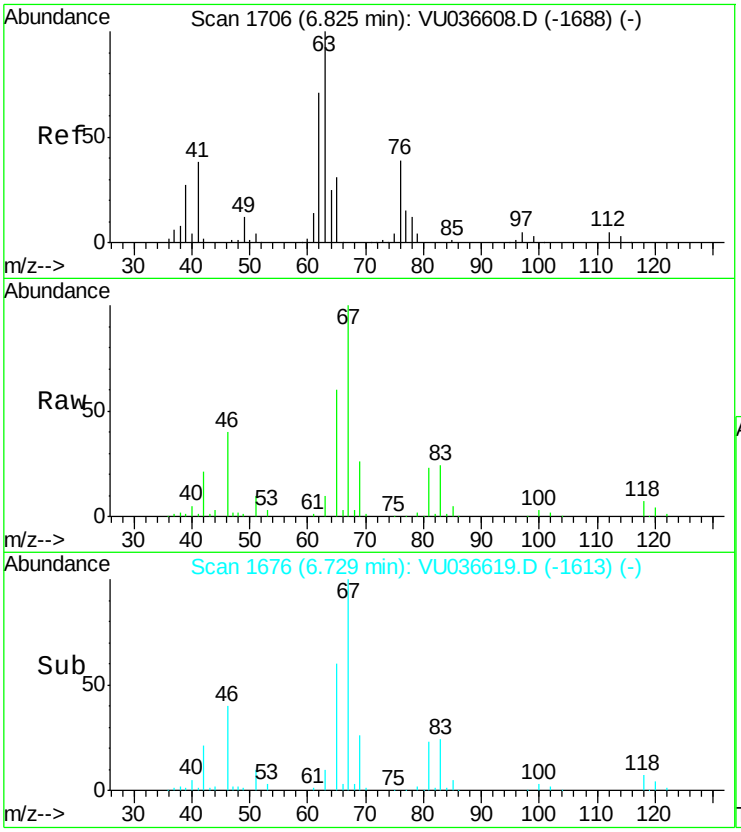


#35
Methylcyclohexane
Concen: 7.40 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Tgt Ion: 83 Resp: 27101

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.1	84.1#
98	0.9	37.5	56.3#



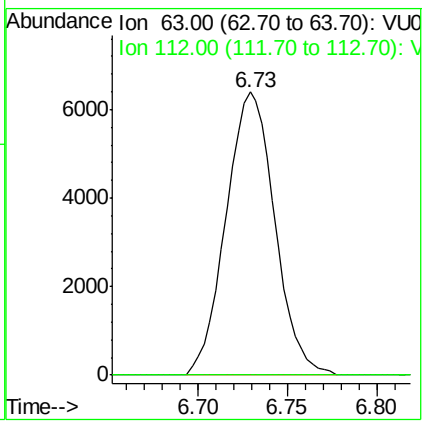


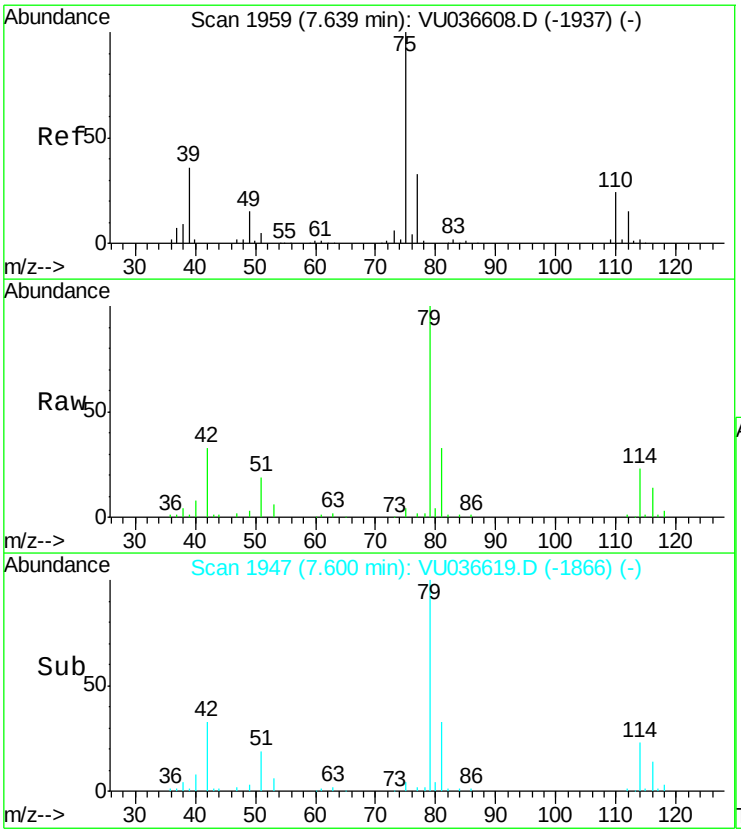
#37
1,2-Dichloropropane
Concen: 5.63 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Instrument :
MSVOA_U
ClientSampleId :
C0XR7

Tgt Ion: 63 Resp: 12200

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

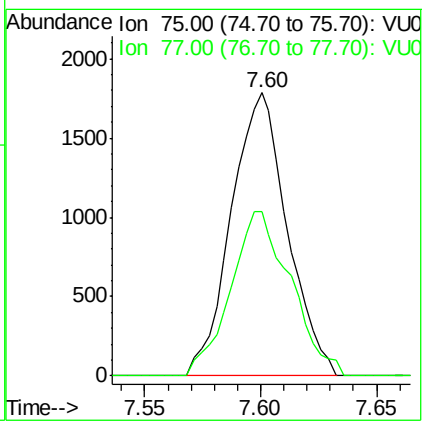


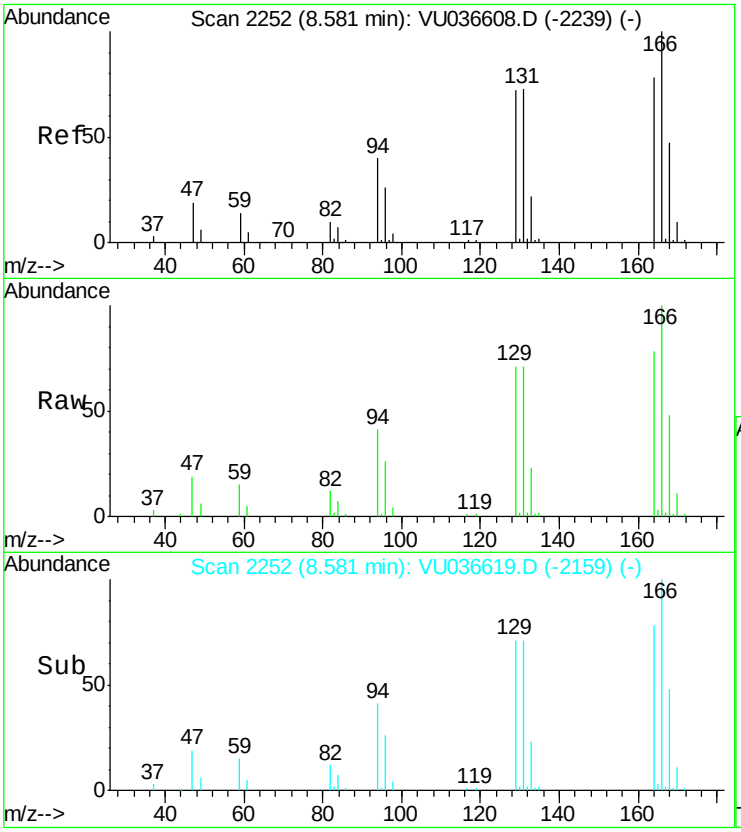


#39
cis-1,3-Dichloropropene
Concen: 0.86 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Tgt Ion: 75 Resp: 3000

Ion	Ratio	Lower	Upper
75	100		
77	58.1	22.5	41.9#



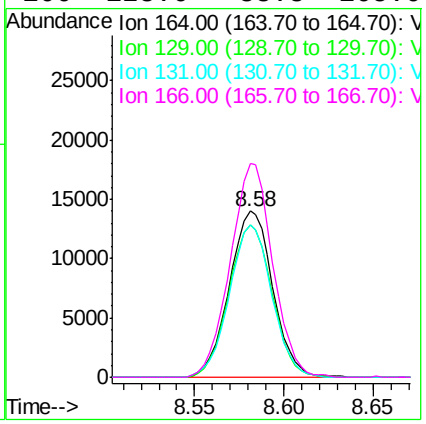


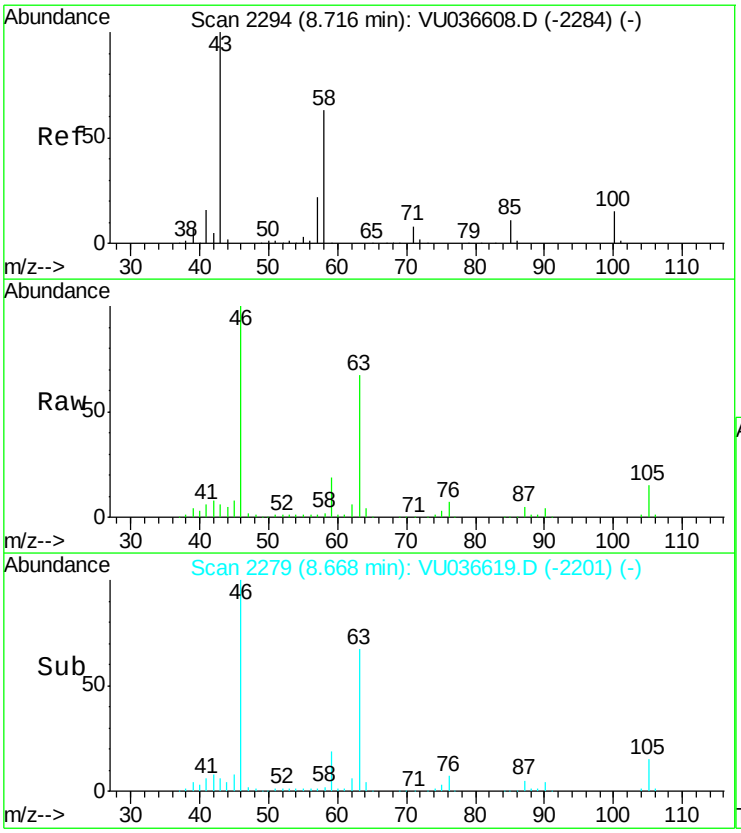
#46
Tetrachloroethene
Concen: 13.33 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Instrument : MSVOA_U
ClientSampleId : C0XR7

Tgt Ion:164 Resp: 23780

Ion	Ratio	Lower	Upper
164	100		
129	91.5	64.2	119.2
131	91.8	61.8	114.8
166	128.6	88.8	165.0

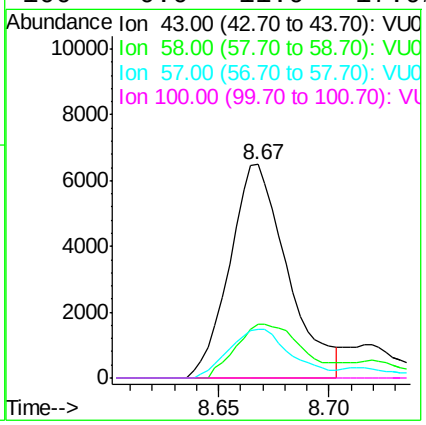


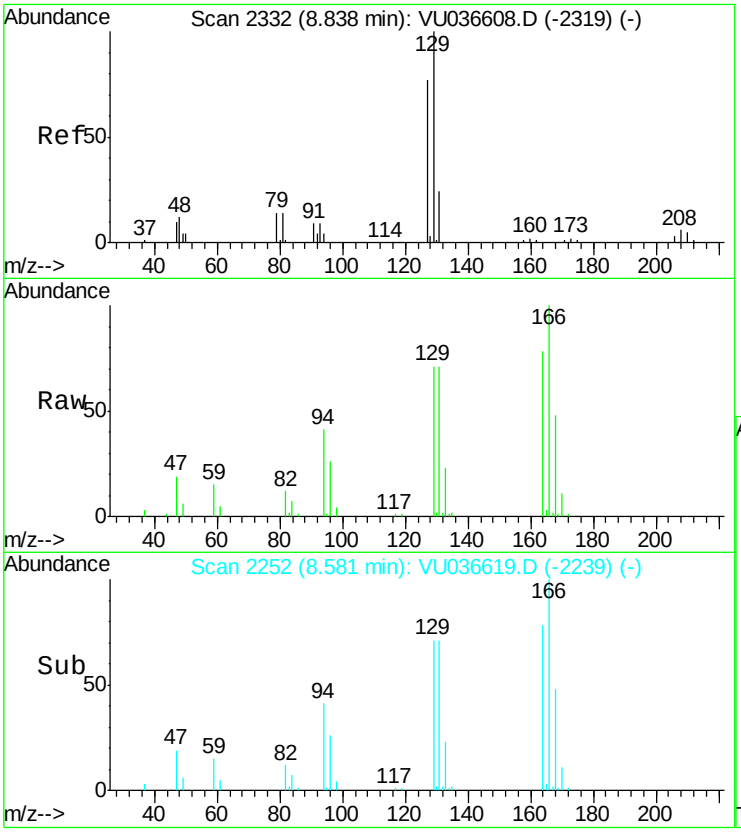


#48
2-Hexanone
Concen: 5.65 ug/L
RT: 8.67 min Scan# 2279
Delta R.T. -0.05 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Tgt Ion: 43 Resp: 11833

Ion	Ratio	Lower	Upper
43	100		
58	28.4	49.4	74.0#
57	24.7	17.1	25.7
100	0.0	11.9	17.9#



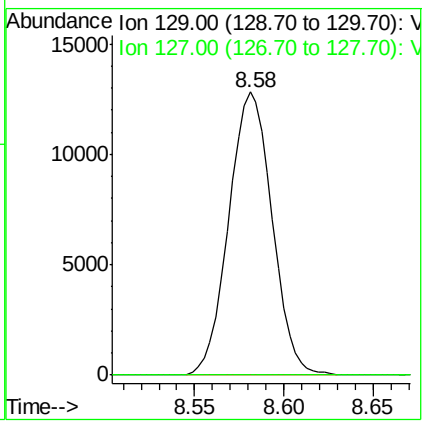


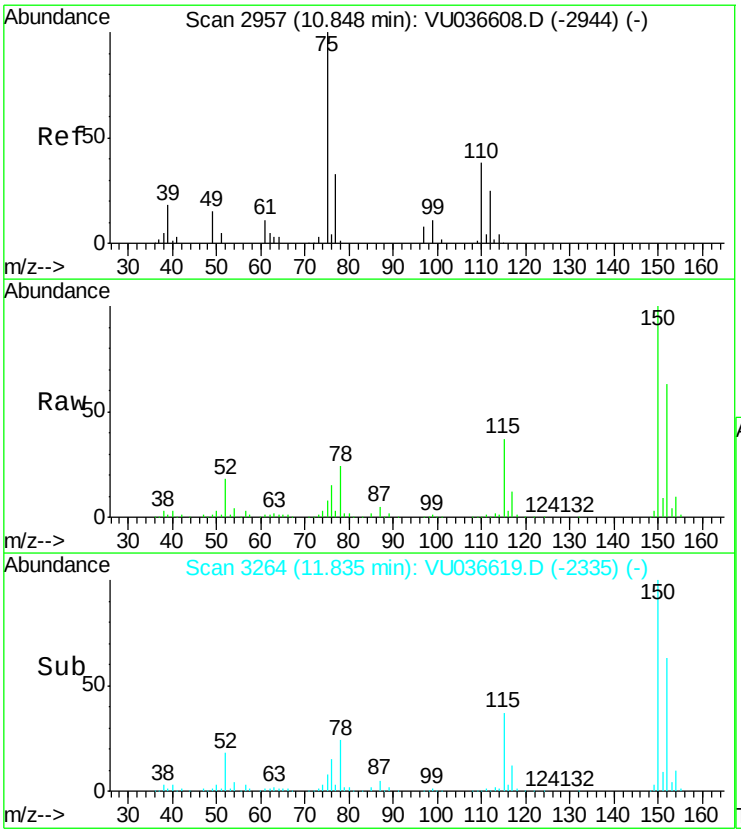
#49
Dibromochloromethane
Concen: 9.44 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Instrument : MSVOA_U
ClientSampleId : C0XR7

Tgt Ion:129 Resp: 21728

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.0	100.2#





#59
1,2,3-Trichloropropane
Concen: 5.30 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036619.D
Acq: 30 Jan 2020 15:13

Tgt Ion: 75 Resp: 15543

Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.2	39.2