Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081720\
Data File : VU039881.D
Acq On : 17 Aug 2020 12:39
Operator : SY/MD
Sample : L3517-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4L31

Quant Time: Aug 18 04:25:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37505	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	24584	6.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 120.20%			
7) Chloroethane-d5	1.92	69	19455	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.58	63	26291	3.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.80%			
20) 2-Butanone-d5	4.65	46	105385	58.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.14%			
24) Chloroform-d	5.08	84	46341	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.72	65	29376	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.74	84	82187	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.70	67	28798	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.91	98	67335	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	8.19	79	11072	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.64	63	75413	59.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.34%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28590	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	33113	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
3) Chloromethane	1.61	50	7183	1.118	ug/L #	49
5) Vinyl chloride	1.61	62	930175	150.997	ug/L	96
8) Chloroethane	1.93	64	506	0.112	ug/L #	43
12) 1,1-Dichloroethene	2.59	96	354	0.078	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	16765	3.332	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	132816	24.269	ug/L	95
34) Trichloroethene	6.56	95	1010	0.189	ug/L #	72
35) Methylcyclohexane	6.70	83	6870	0.807	ug/L #	19
37) 1,2-Dichloropropane	6.71	63	3645	0.668	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	839	0.113	ug/L #	56
44) trans-1,3-Dichloropropene	8.19	75	846	0.126	ug/L #	1
59) 1,2,3-Trichloropropane	11.81	75	5205	1.322	ug/L #	80

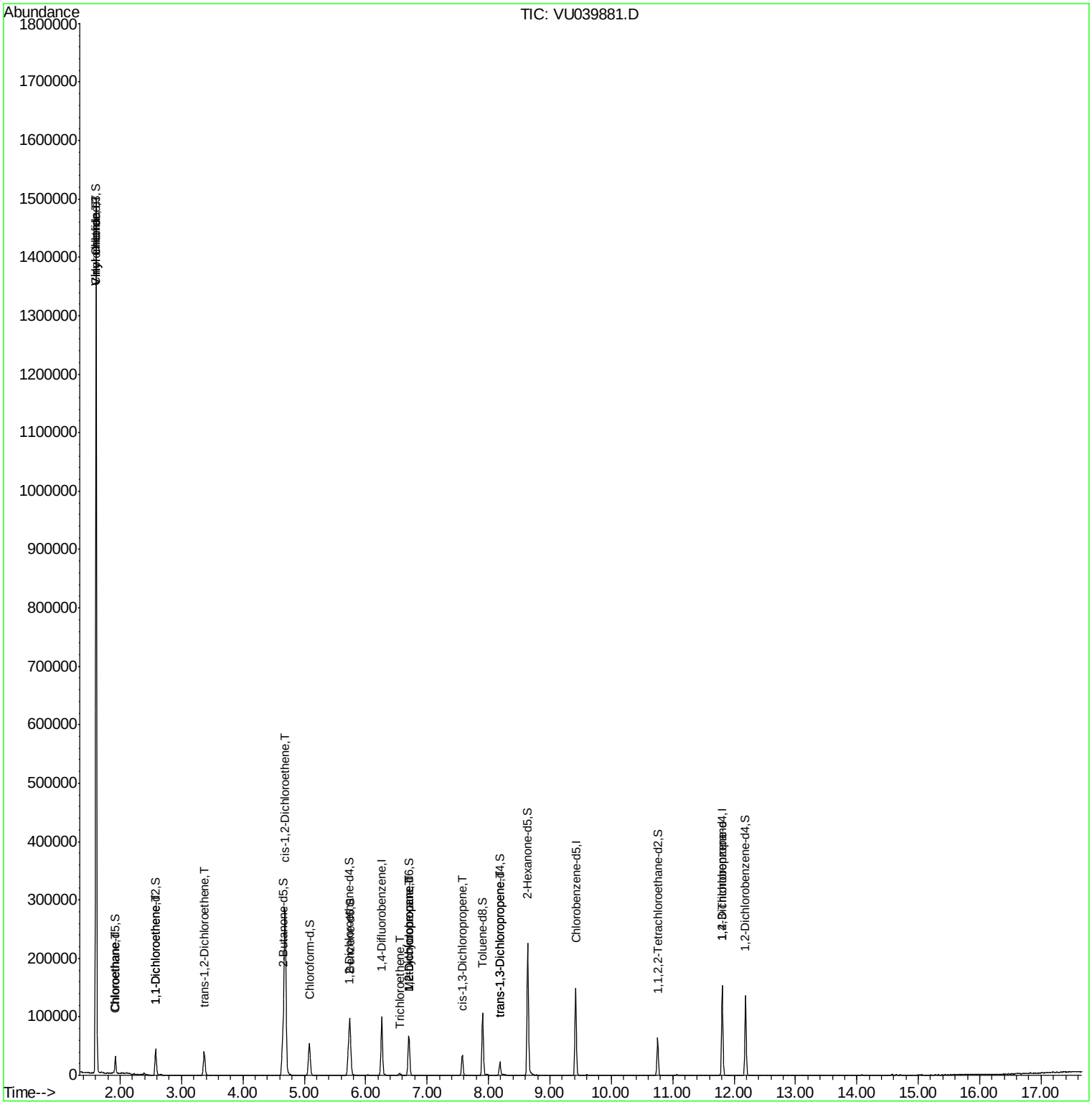
(#) = qualifier out of range (m) = manual integration (+) = signals summed

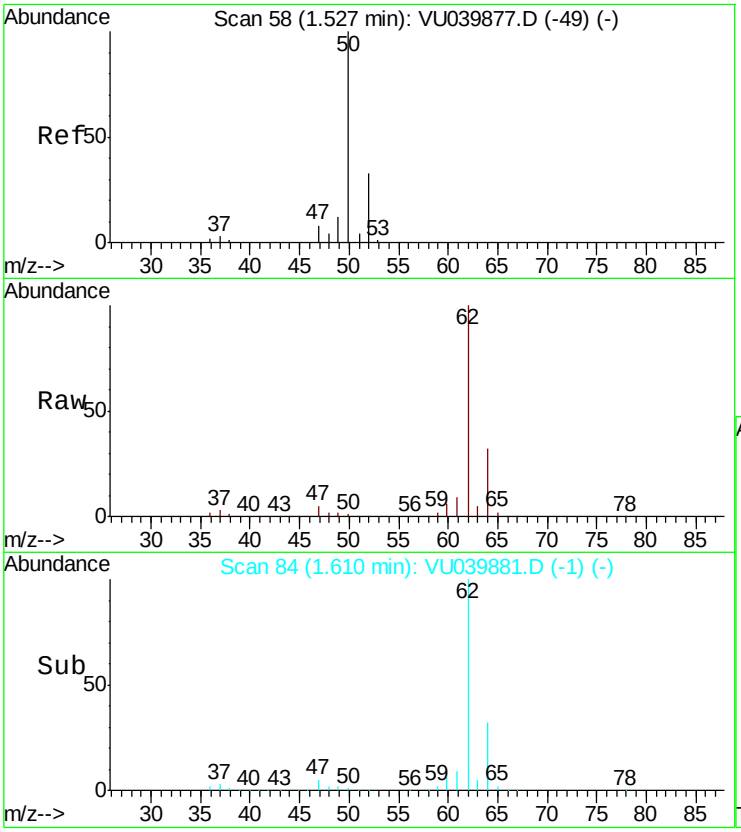
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081720\
Data File : VU039881.D
Acq On : 17 Aug 2020 12:39
Operator : SY/MD
Sample : L3517-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4L31

Quant Time: Aug 18 04:25:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration



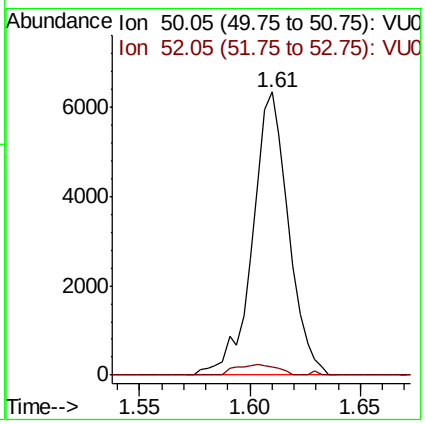


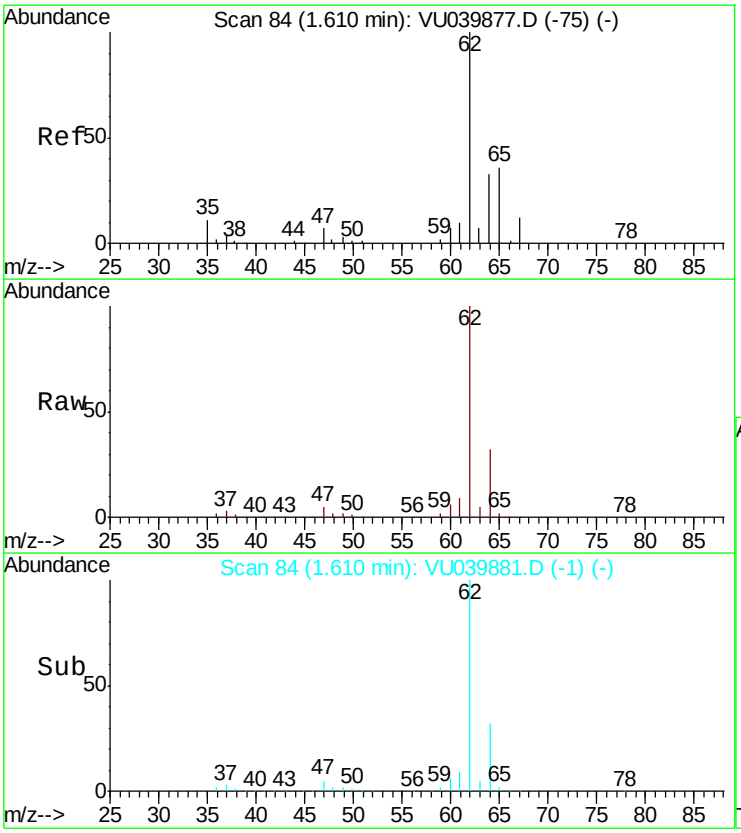
#3
Chloromethane
Concen: 1.118 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.08 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Instrument : MSVOA_U
ClientSampleId : F4L31

Tgt Ion: 50 Resp: 7183

Ion	Ratio	Lower	Upper
50	100		
52	3.0	21.6	40.0#

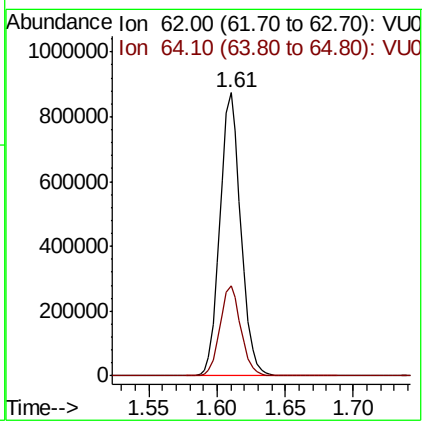


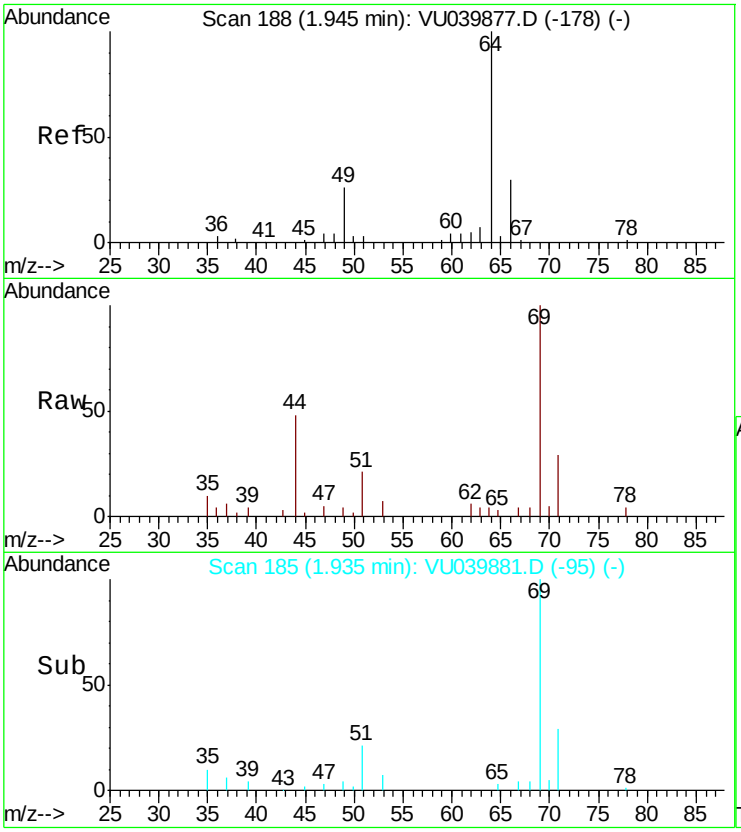


#5
Vinyl chloride
Concen: 150.997 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Tgt Ion: 62 Resp: 930175

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.1	44.7



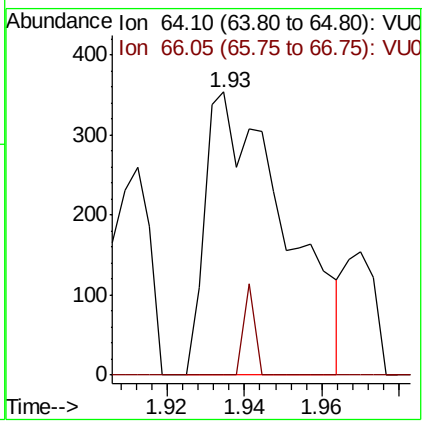


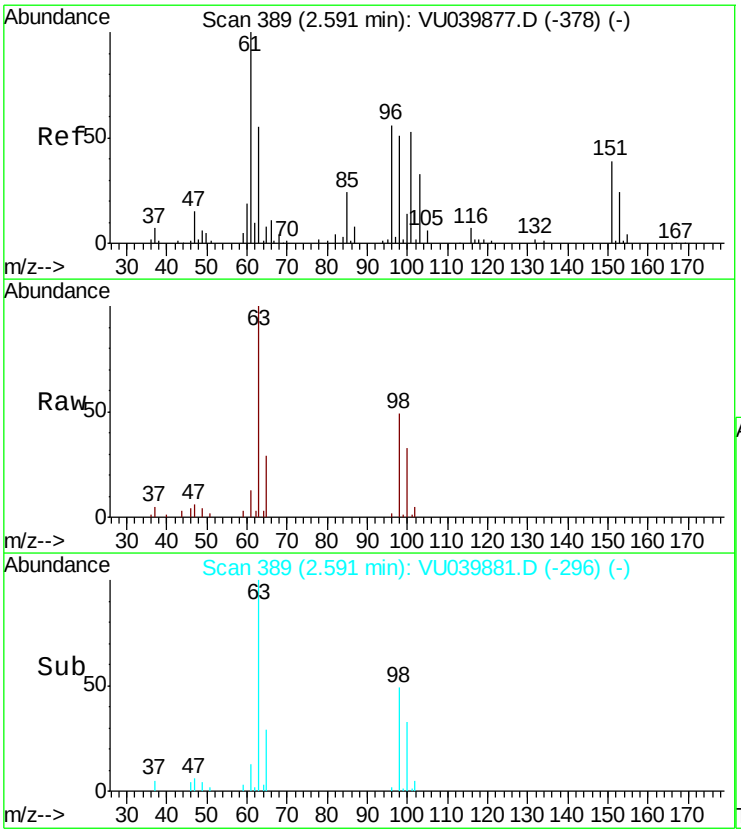
#8
Chloroethane
Concen: 0.112 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Instrument : MSVOA_U
ClientSampleId : F4L31

Tgt Ion: 64 Resp: 506

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.3#

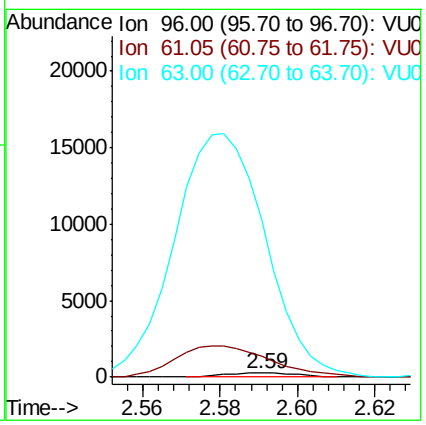


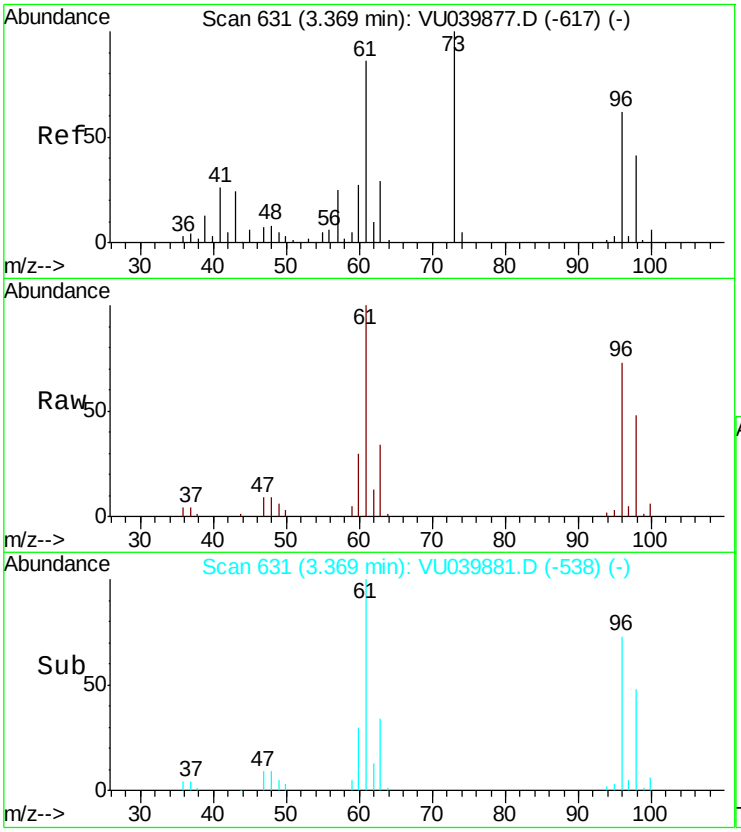


#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Tgt Ion: 96 Resp: 354

Ion	Ratio	Lower	Upper
96	100		
61	528.3	121.7	225.9#
63	4074.1	82.1	152.5#



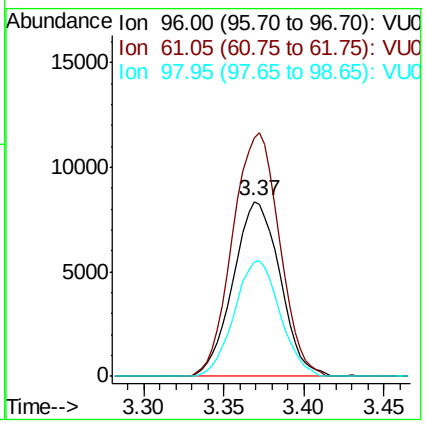


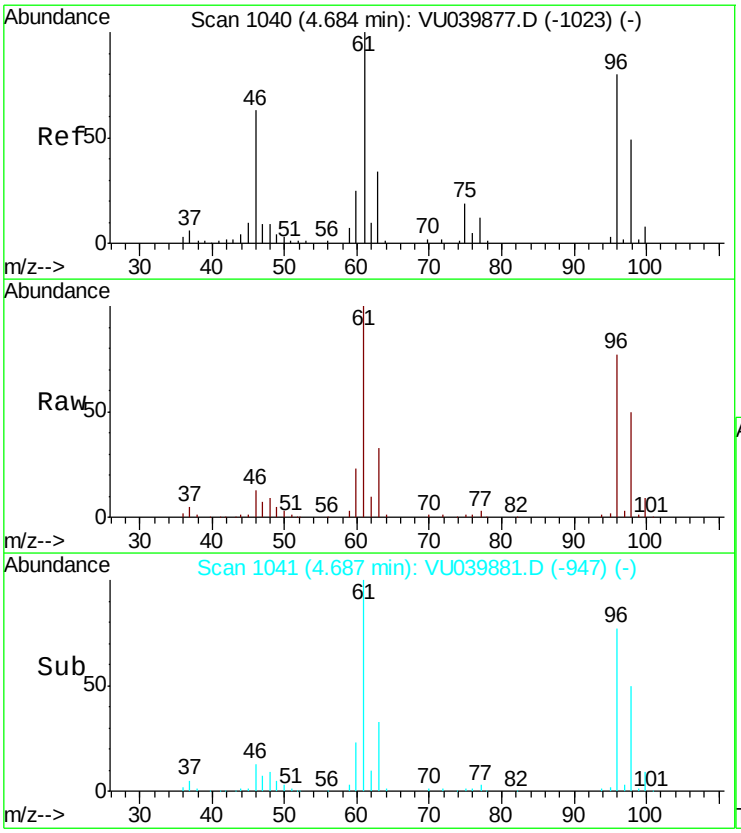
#18
trans-1,2-Dichloroethene
Concen: 3.332 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :
F4L31

Tgt Ion: 96 Resp: 16765

Ion	Ratio	Lower	Upper
96	100		
61	136.5	96.5	179.1
98	65.1	40.9	76.0

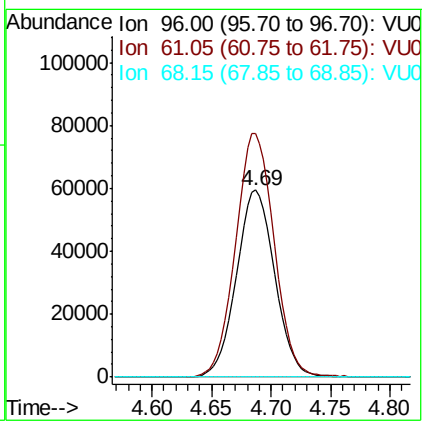


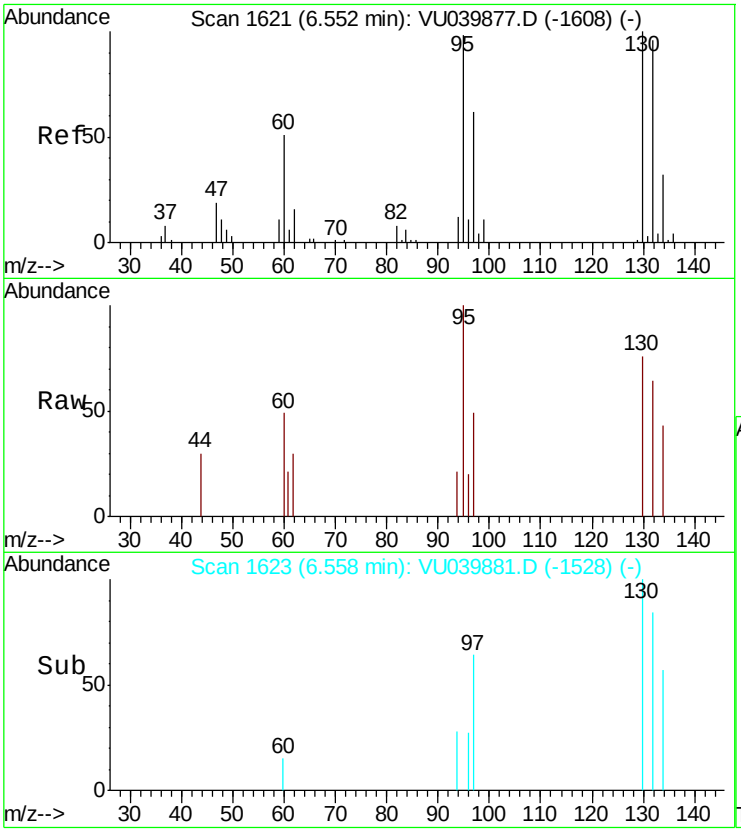


#22
cis-1,2-Dichloroethene
Concen: 24.269 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Tgt Ion: 96 Resp: 132816

Ion	Ratio	Lower	Upper
96	100		
61	130.2	87.4	162.2
68	0.0	0.0	0.0



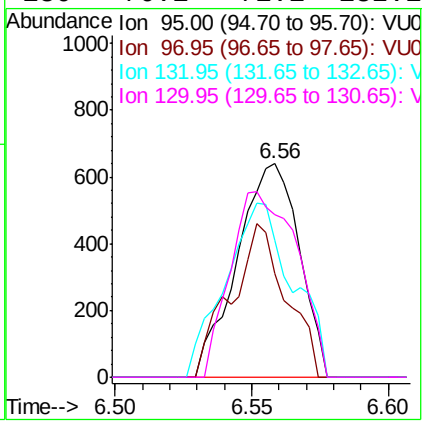


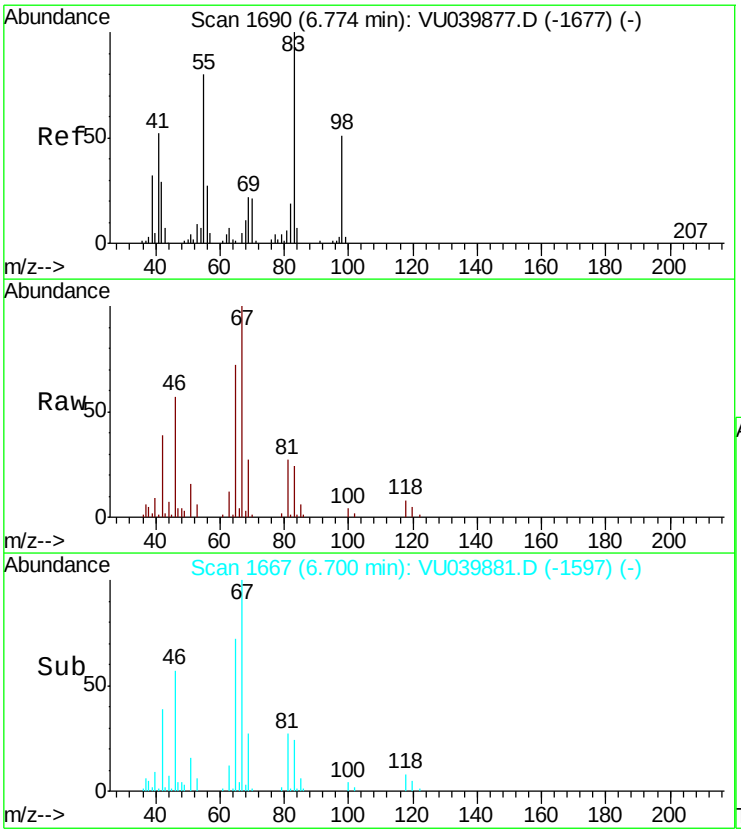
#34
Trichloroethene
Concen: 0.189 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.01 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Instrument : MSVOA_U
ClientSampleId : F4L31

Tgt Ion: 95 Resp: 1010

Ion	Ratio	Lower	Upper
95	100		
97	48.8	44.0	81.8
132	64.1	71.7	133.3#
130	76.1	71.1	132.1

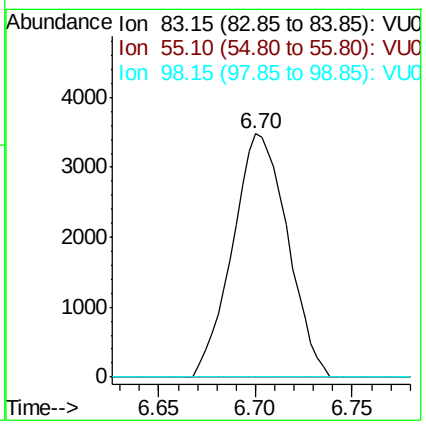


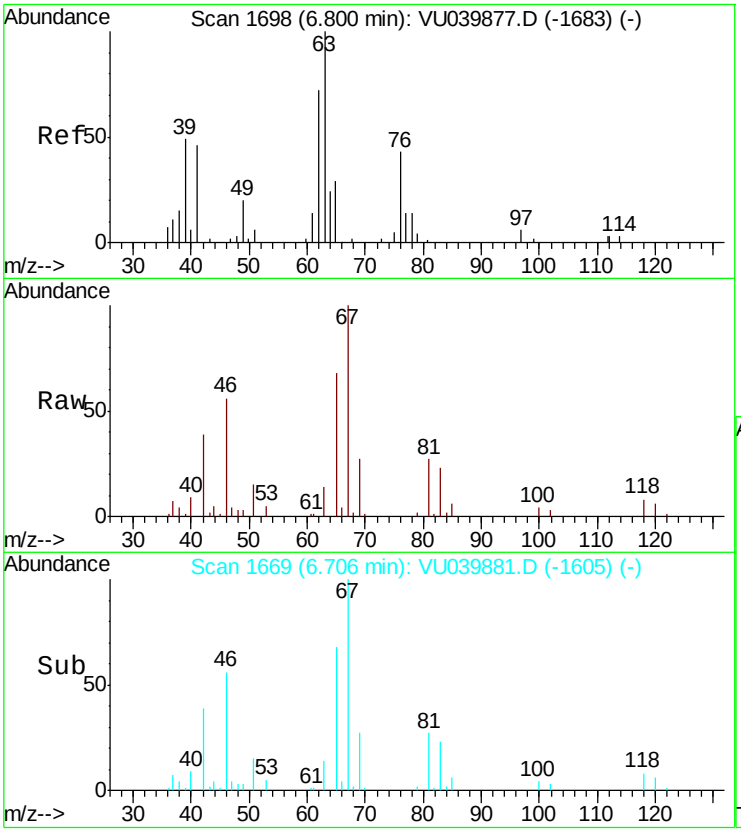


#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Tgt Ion: 83 Resp: 6870

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.0	39.0	58.4#



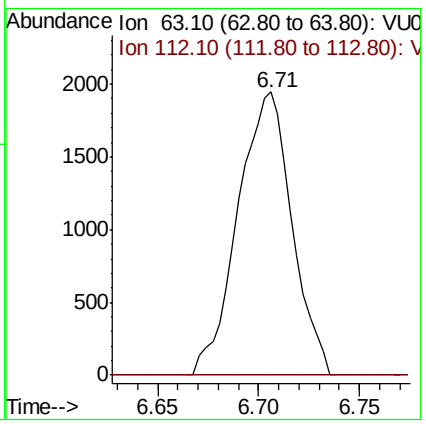


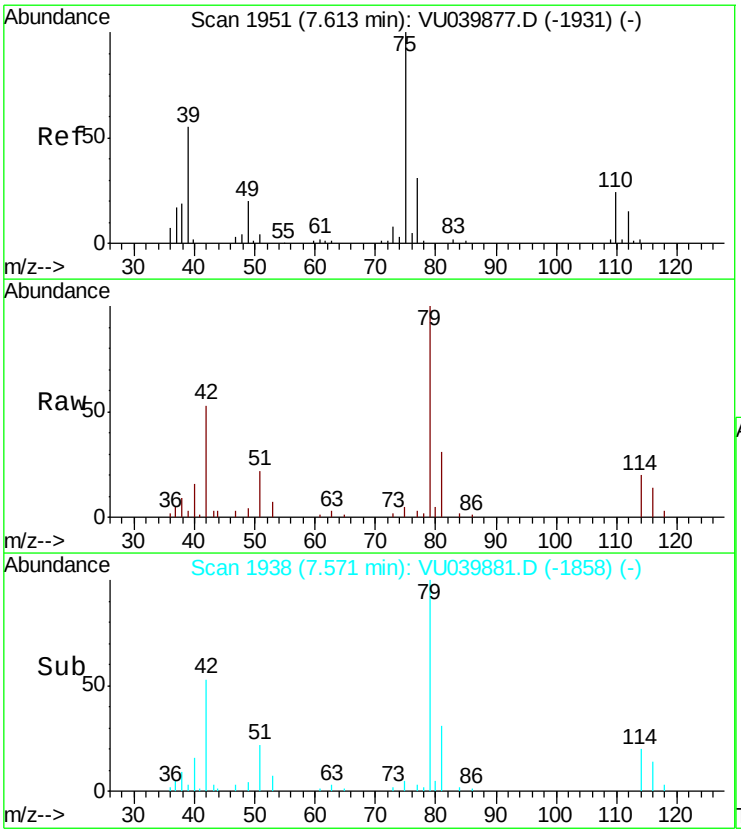
#37
1,2-Dichloropropane
Concen: 0.668 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Instrument : MSVOA_U
ClientSampleId : F4L31

Tgt Ion: 63 Resp: 3645

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

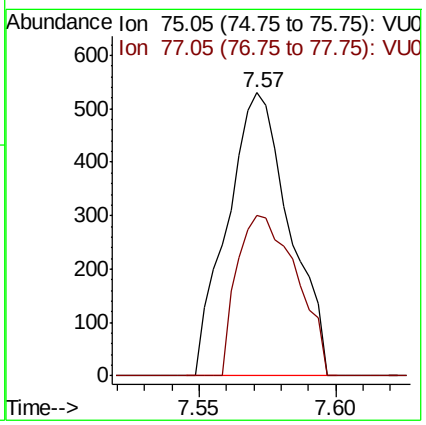


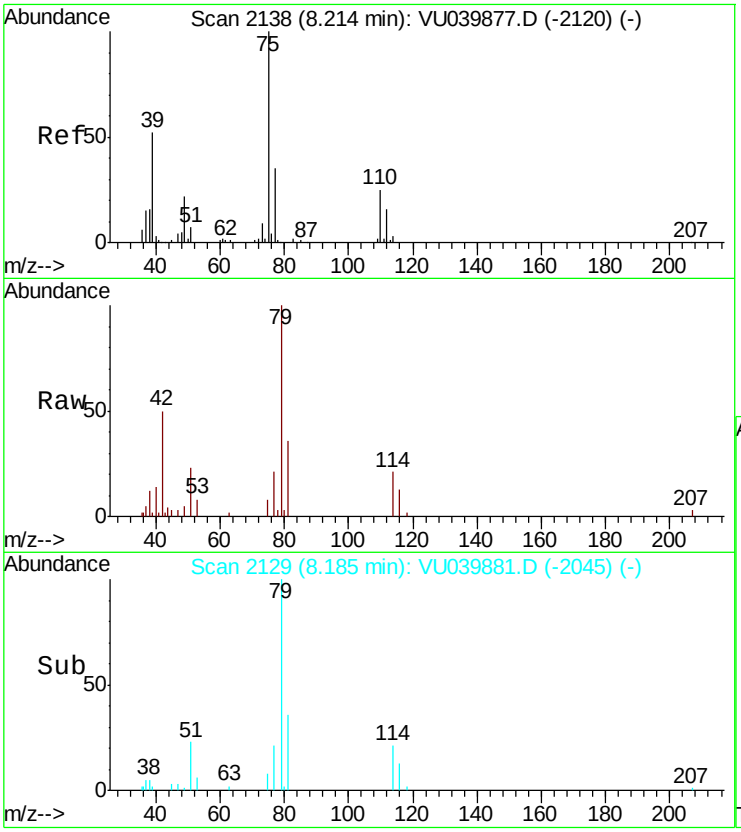


#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Tgt Ion: 75 Resp: 839

Ion	Ratio	Lower	Upper
75	100		
77	56.8	22.4	41.6#



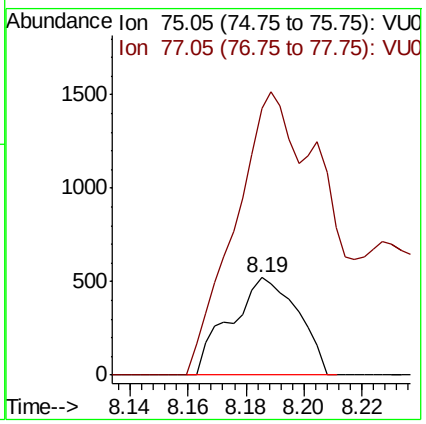


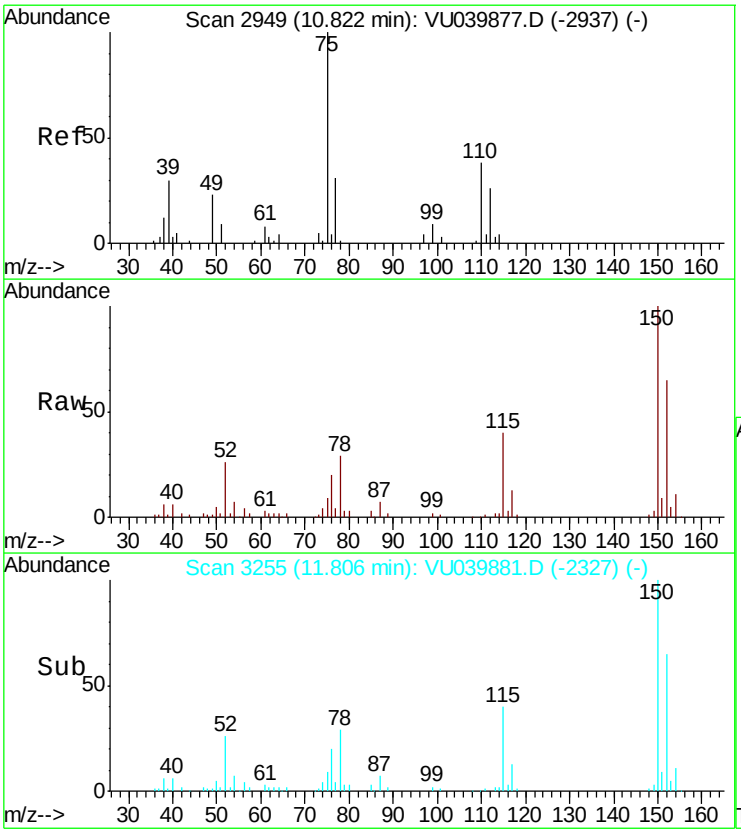
#44
trans-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Instrument : MSVOA_U
ClientSampleId : F4L31

Tgt Ion: 75 Resp: 846

Ion	Ratio	Lower	Upper
75	100		
77	273.5	21.6	40.2#





#59
1,2,3-Trichloropropane
Concen: 1.322 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039881.D
Acq: 17 Aug 2020 12:39

Tgt Ion: 75 Resp: 5205

Ion	Ratio	Lower	Upper
75	100		
77	41.9	24.6	37.0#