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

Quantitation Report (Not Reviewed)

Data File : VU036973.D
Acq On : 28 Feb 2020 15:07
Operator : JC/MD
Sample : L1729-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AT8

Quant Time: Feb 29 00:34:53 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	242957	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	231569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84520	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	85394	41.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.70%			
7) Chloroethane-d5	1.93	69	79044	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.64%			
11) 1,1-Dichloroethene-d2	2.59	63	111068	32.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.02%			
21) 2-Butanone-d5	4.67	46	143758	105.04	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.04%			
24) Chloroform-d	5.11	84	148682	47.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.44%			
26) 1,2-Dichloroethane-d4	5.74	65	104291	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.92%			
32) Benzene-d6	5.76	84	327366	48.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.78%			
36) 1,2-Dichloropropane-d6	6.72	67	107034	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.66%			
41) Toluene-d8	7.92	98	293980	47.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.64%			
43) trans-1,3-Dichloropropene-	8.20	79	46448	46.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.14%			
47) 2-Hexanone-d5	8.66	63	102501	96.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.63%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	148550	48.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.14%			
64) 1,2-Dichlorobenzene-d4	12.21	152	88151	53.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.70%			
Target Compounds						Qvalue
13) Acetone	2.65	43	3073	2.183	ug/L	96
15) Methyl Acetate	2.79	43	2922	1.362	ug/L #	52
35) Methylcyclohexane	6.73	83	23504	7.539	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11662	5.921	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2860	0.943	ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	12345	4.872	ug/L	92

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

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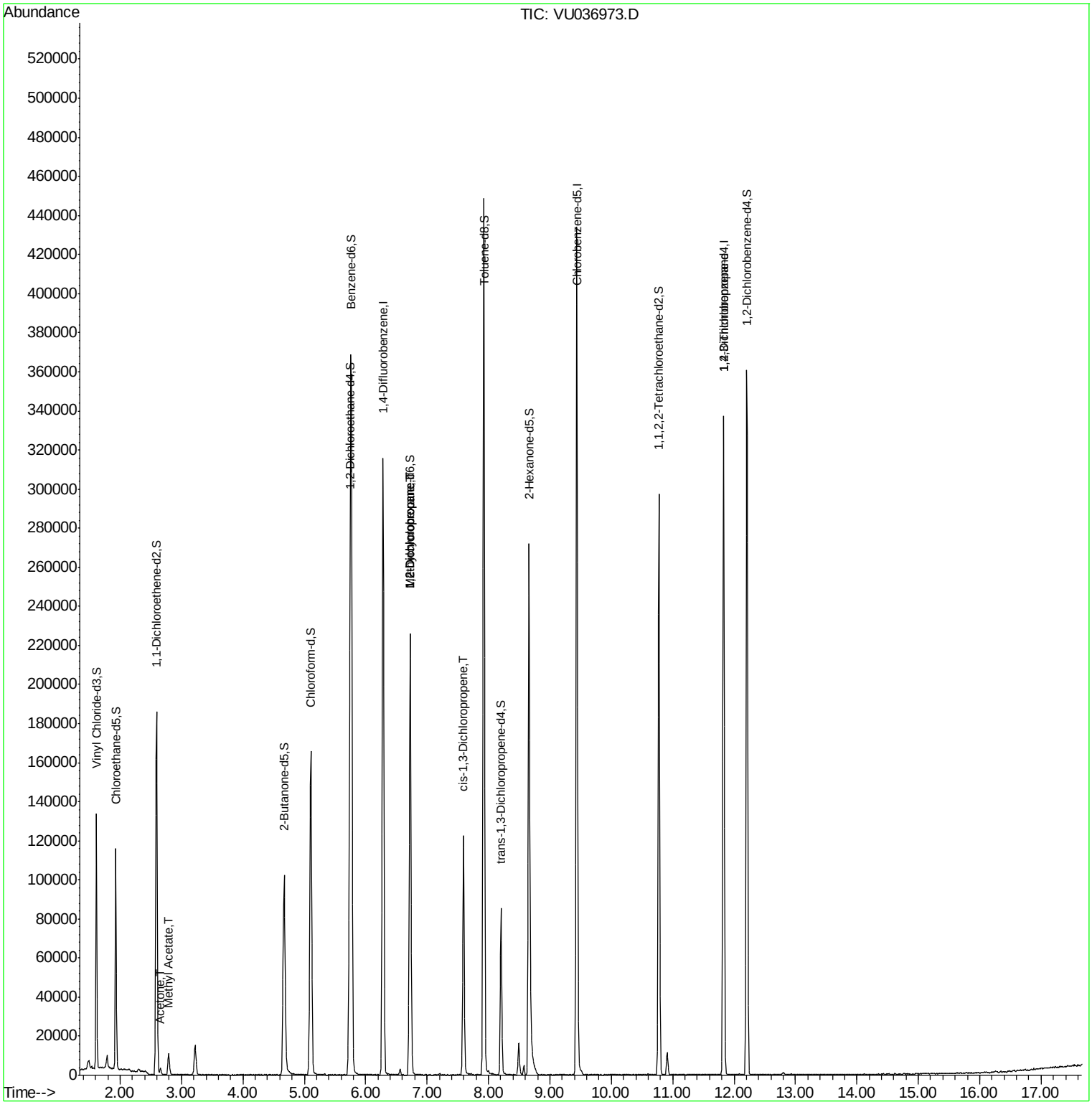
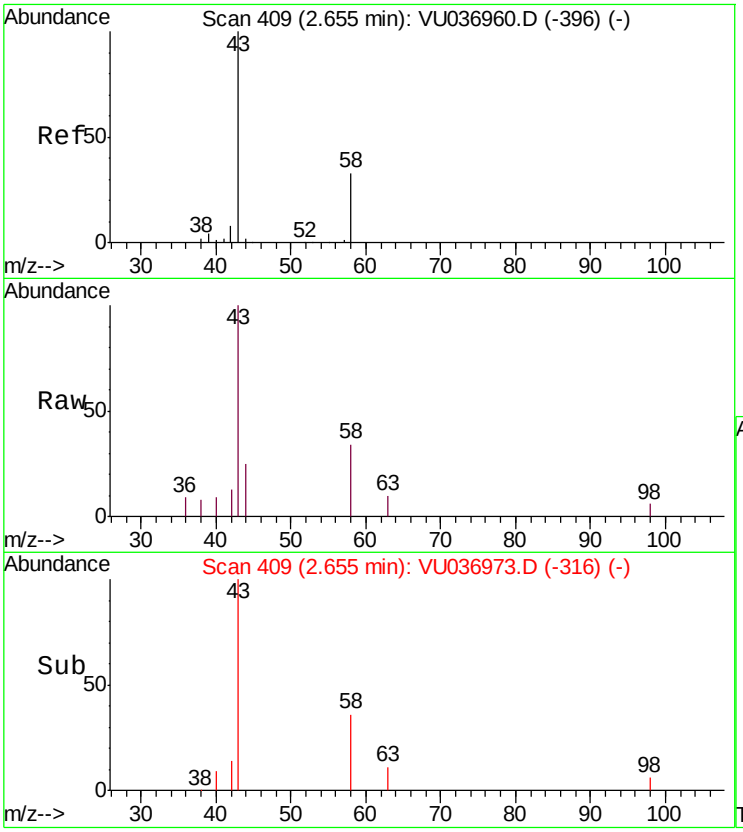


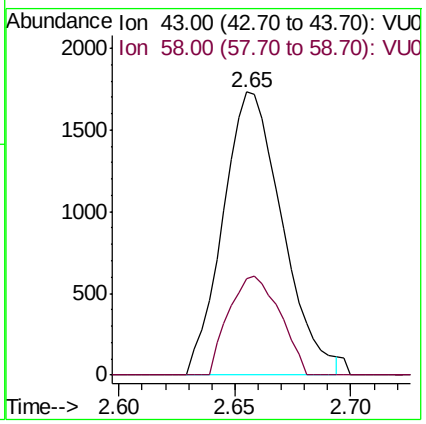


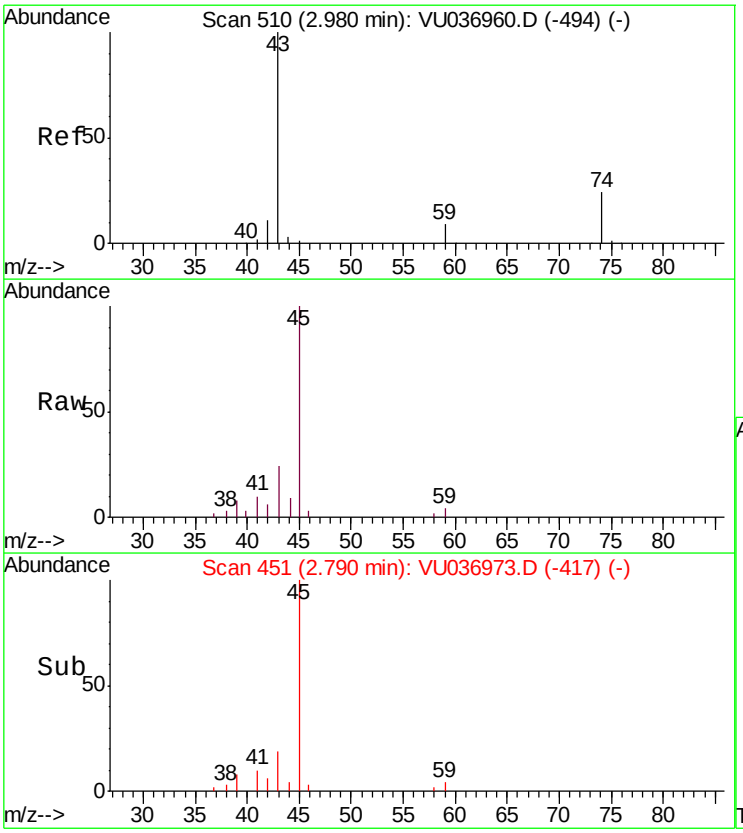
#13
Acetone
Concen: 2.183 ug/L
RT: 2.65 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU036973.D
Acq: 28 Feb 2020 15:07

Instrument : MSVOA_U
ClientSampleId : C0AT8

Tgt Ion: 43 Resp: 3073

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	64.6

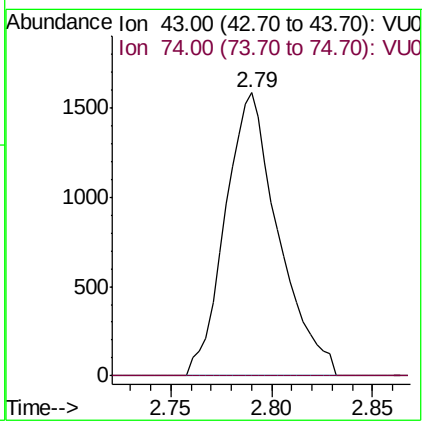


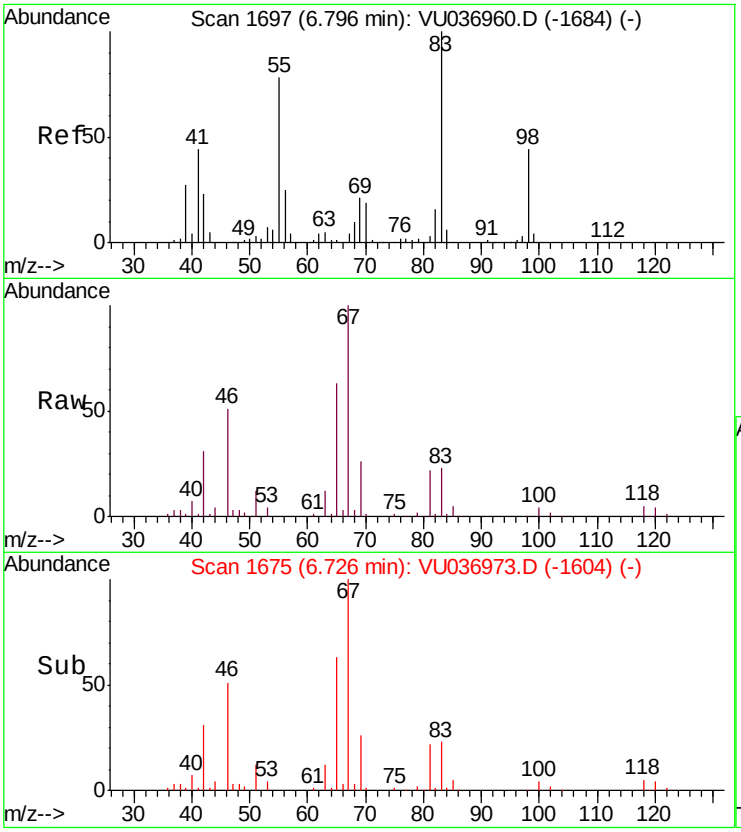


#15
Methyl Acetate
Concen: 1.362 ug/L
RT: 2.79 min Scan# 451
Delta R.T. -0.19 min
Lab File: VU036973.D
Acq: 28 Feb 2020 15:07

Tgt Ion: 43 Resp: 2922

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.4#



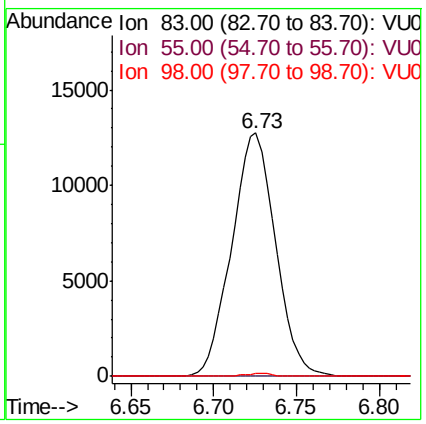


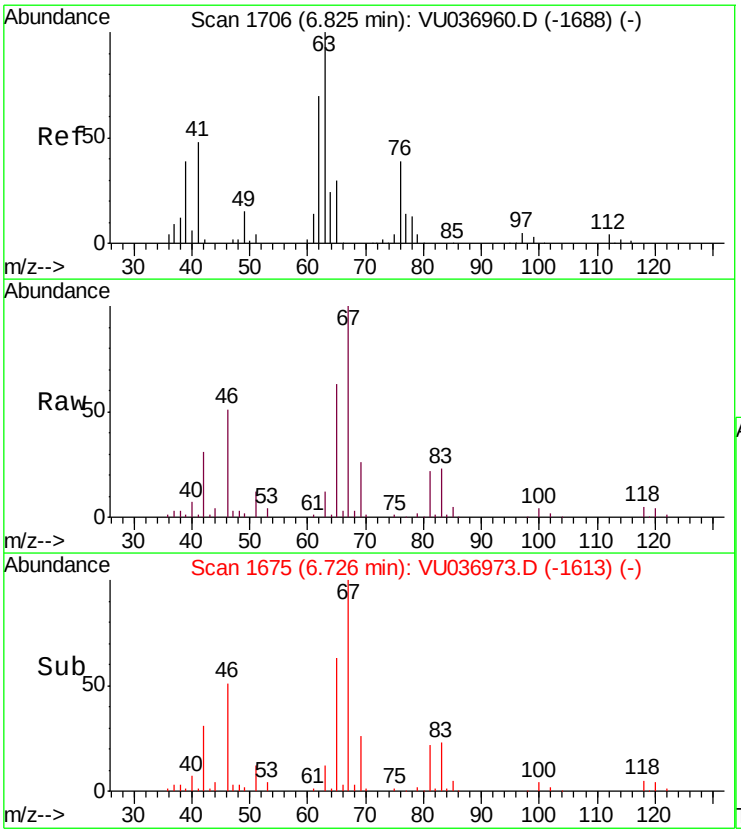
#35
Methylcyclohexane
Concen: 7.539 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036973.D
Acq: 28 Feb 2020 15:07

Instrument : MSVOA_U
ClientSampleId : C0AT8

Tgt Ion: 83 Resp: 23504

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	93.8#
98	0.5	35.1	52.7#

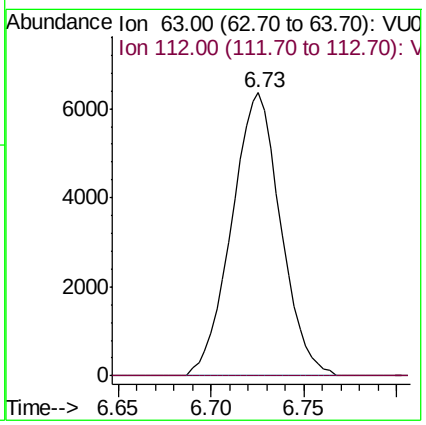


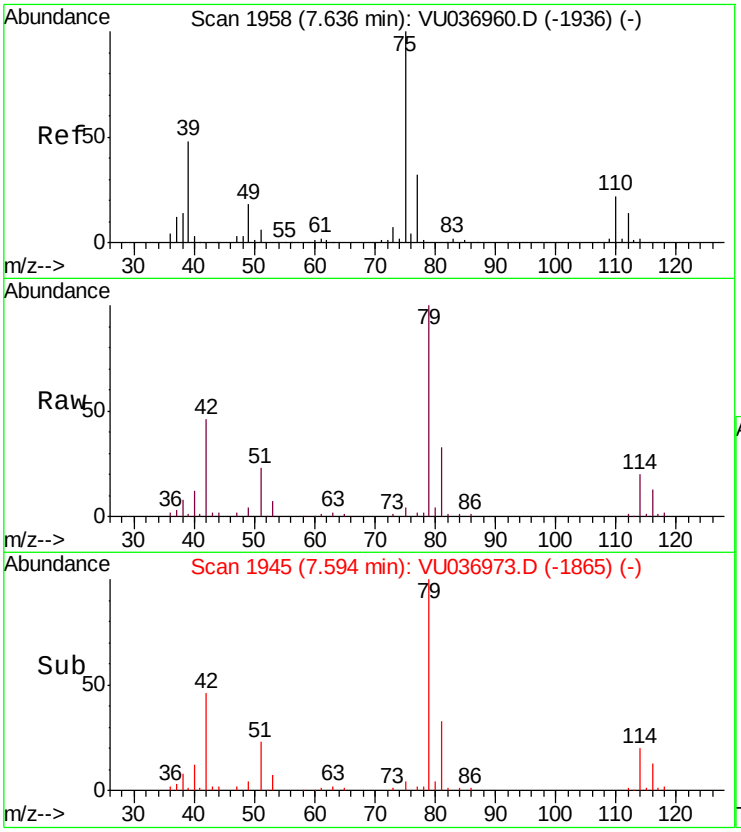


#37
1,2-Dichloropropane
Concen: 5.921 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036973.D
Acq: 28 Feb 2020 15:07

Tgt Ion: 63 Resp: 11662

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



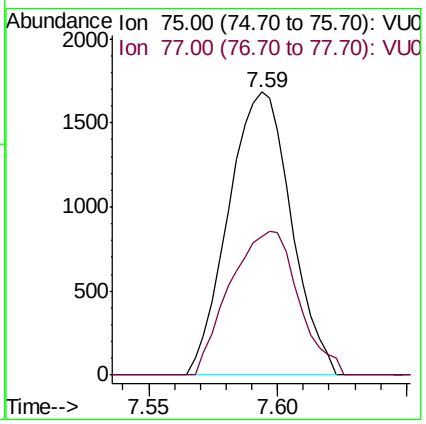


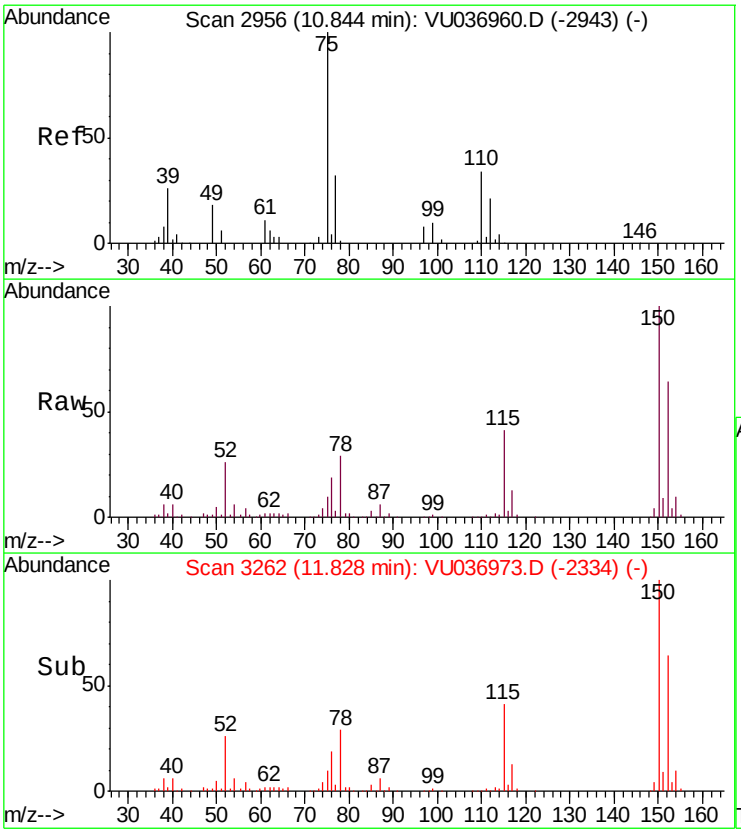
#39
cis-1,3-Dichloropropene
Concen: 0.943 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU036973.D
Acq: 28 Feb 2020 15:07

Instrument :
MSVOA_U
ClientSampleId :
C0AT8

Tgt Ion: 75 Resp: 2860

Ion	Ratio	Lower	Upper
75	100		
77	49.1	22.0	41.0#





#59
1,2,3-Trichloropropane
Concen: 4.872 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036973.D
Acq: 28 Feb 2020 15:07

Tgt Ion: 75 Resp: 12345

Ion	Ratio	Lower	Upper
75	100		
77	37.2	26.2	39.2