Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\

Quantitation Report (Not Reviewed)

Data File : VU036743.D
Acq On : 12 Feb 2020 11:39
Operator : JC/MD
Sample : L1414-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Feb 13 01:02:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	127068	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48825	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	48220	4.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.20%			
7) Chloroethane-d5	1.93	69	44931	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.59	63	64160	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.20%			
20) 2-Butanone-d5	4.68	46	111114	48.49	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.98%			
24) Chloroform-d	5.11	84	77213	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.74	65	44398	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
32) Benzene-d6	5.76	84	172282	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.73	67	53851	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.92	98	153507	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloropropene-	8.21	79	19331	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.66	63	94973	46.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.18%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40342	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	47020	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	492	0.064	ug/L #	1
16) Methylene chloride	3.08	84	3575	0.274	ug/L	96
25) Chloroform	5.13	83	4581	0.256	ug/L	92
35) Methylcyclohexane	6.73	83	11853	0.799	ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5705	0.569	ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1446	0.100	ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	7389	1.117	ug/L	97

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

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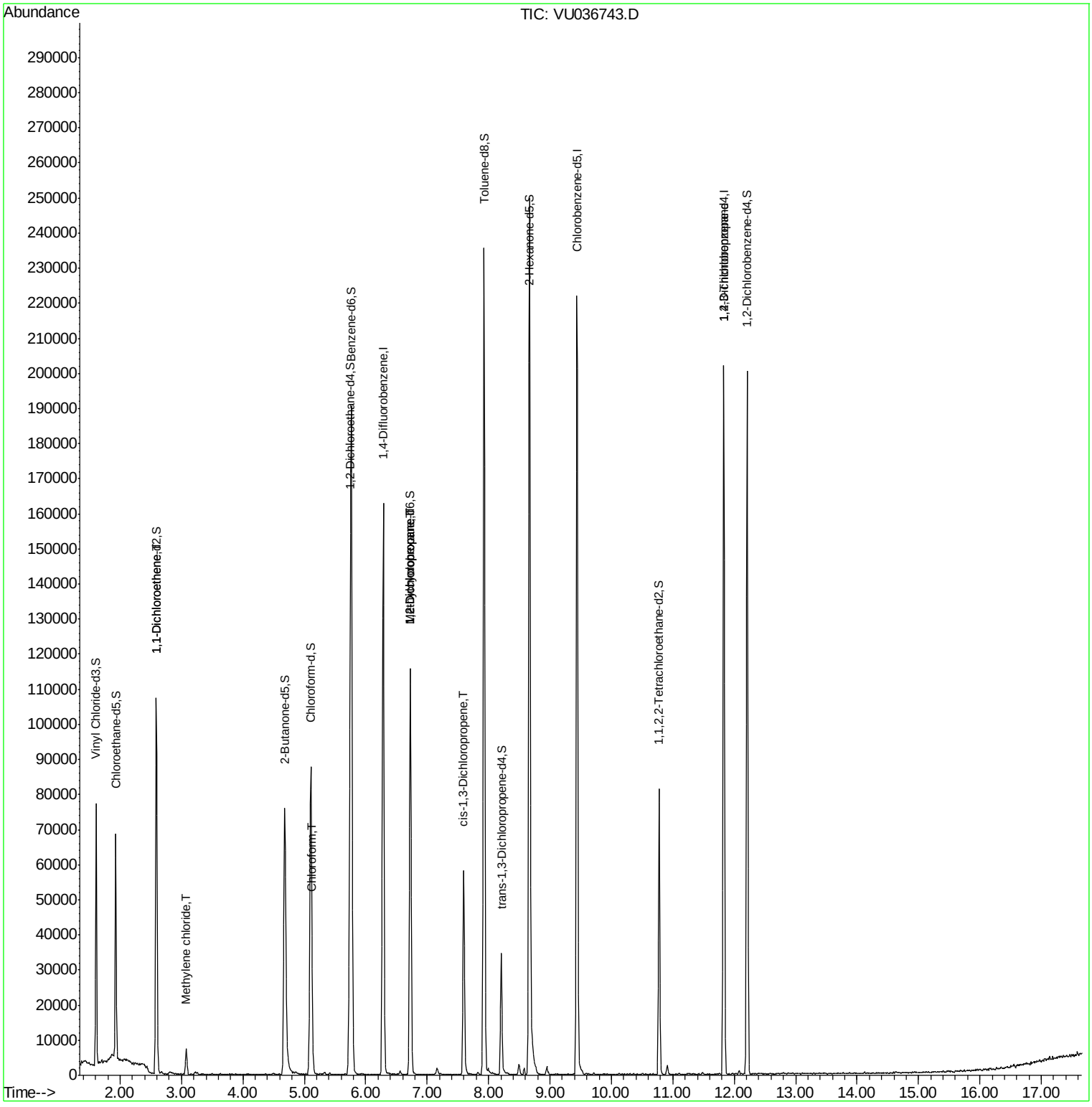
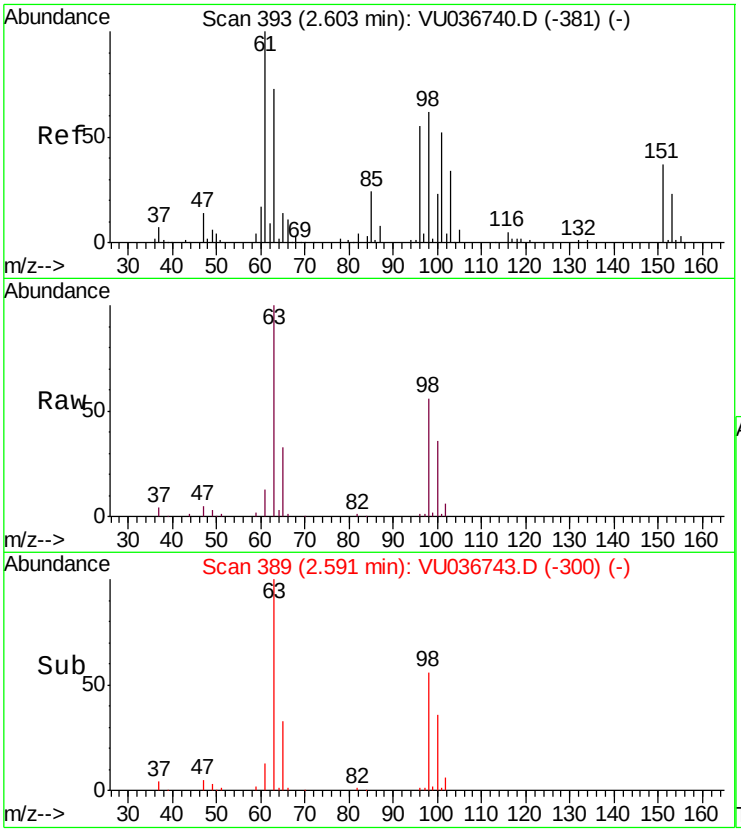
VHBLK01

Quant Time: Feb 13 01:02:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration



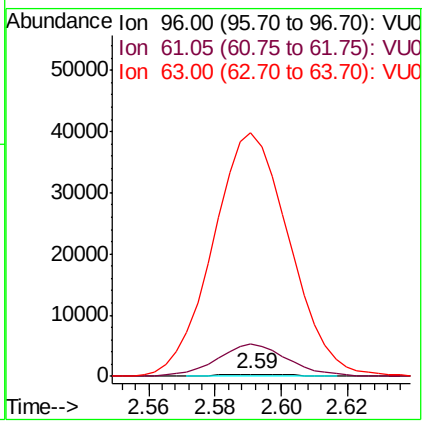


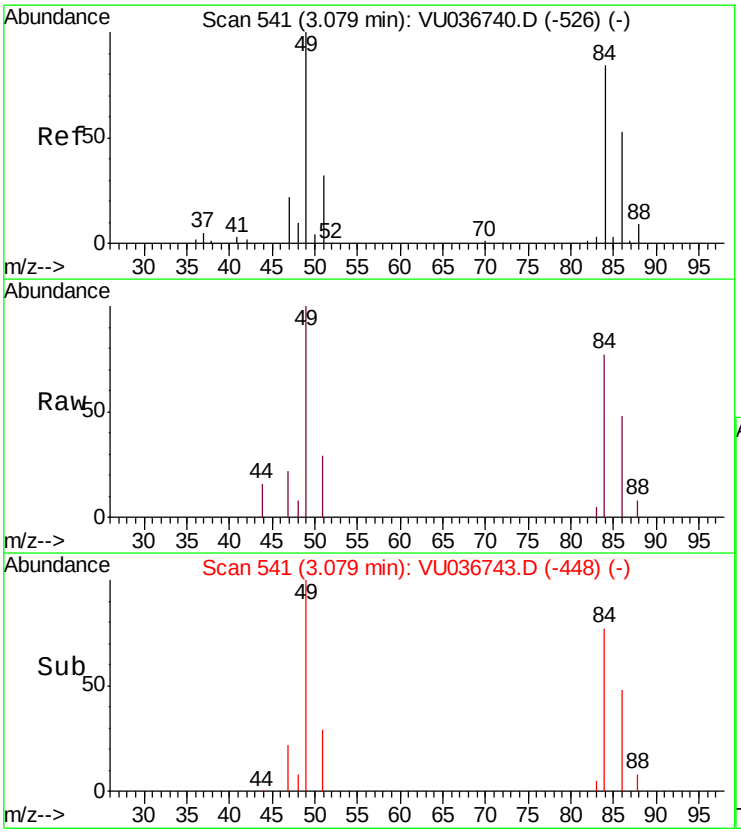
#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.01 min
Lab File: VU036743.D
Acq: 12 Feb 2020 11:39

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 96 Resp: 492

Ion	Ratio	Lower	Upper
96	100		
61	1438.3	126.4	234.8#
63	10872.1	89.5	166.3#

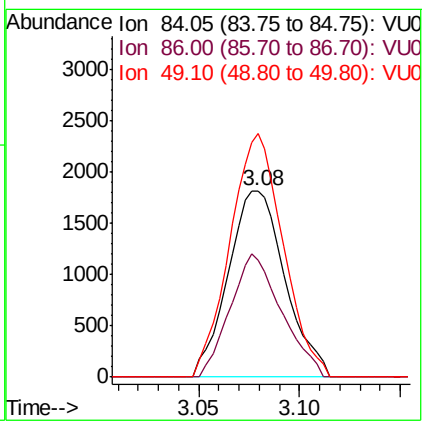


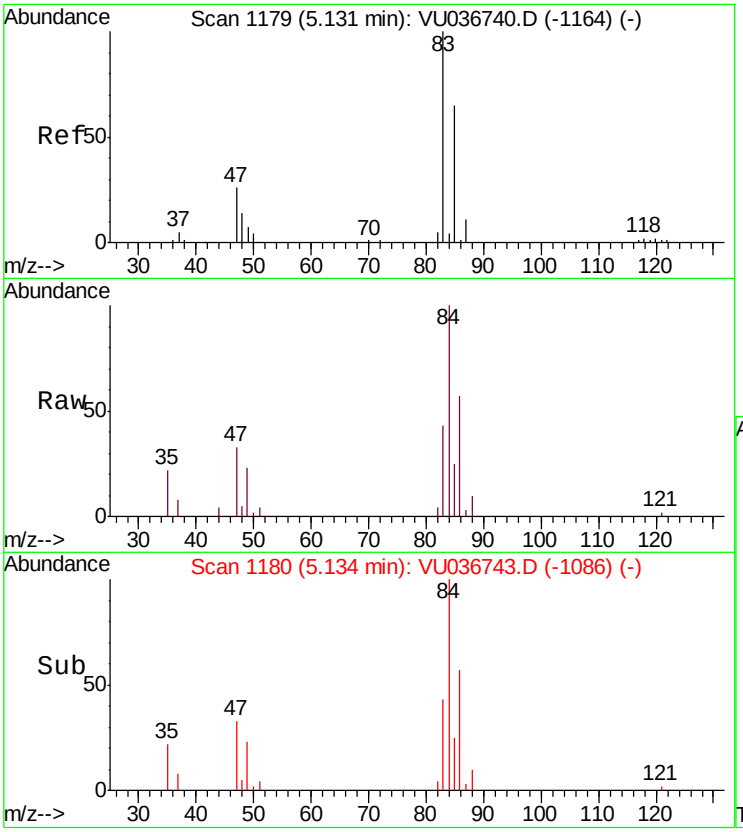


#16
Methylene chloride
Concen: 0.274 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036743.D
Acq: 12 Feb 2020 11:39

Tgt Ion: 84 Resp: 3575

Ion	Ratio	Lower	Upper
84	100		
86	63.0	44.7	82.9
49	130.5	86.7	160.9



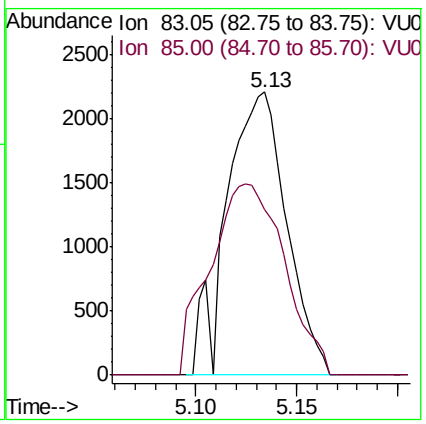


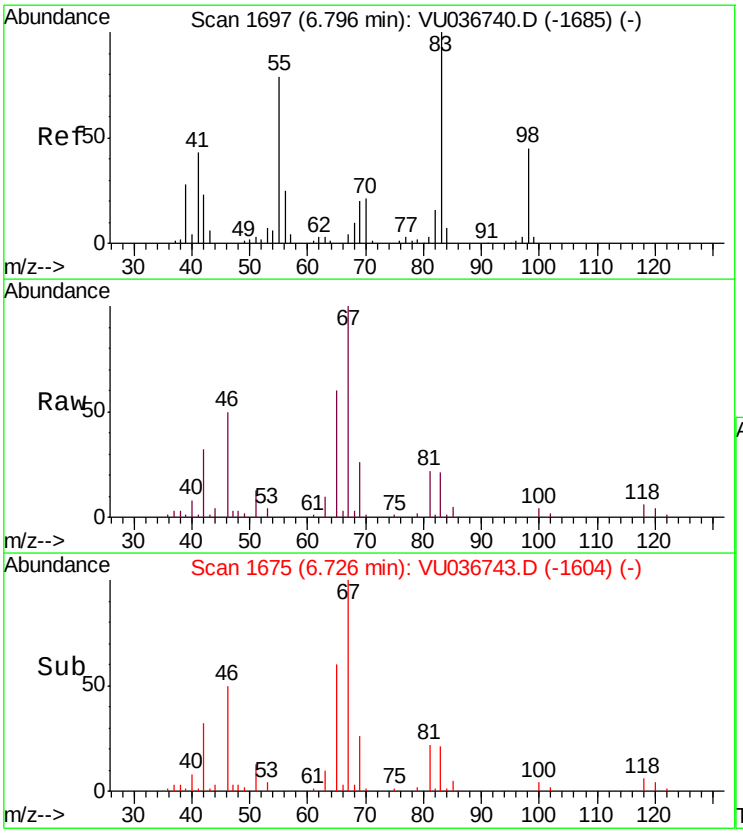
#25
Chloroform
Concen: 0.256 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036743.D
Acq: 12 Feb 2020 11:39

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 4581

Ion	Ratio	Lower	Upper
83	100		
85	58.3	45.4	84.2

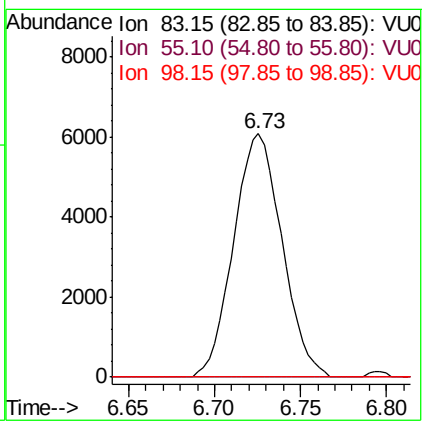


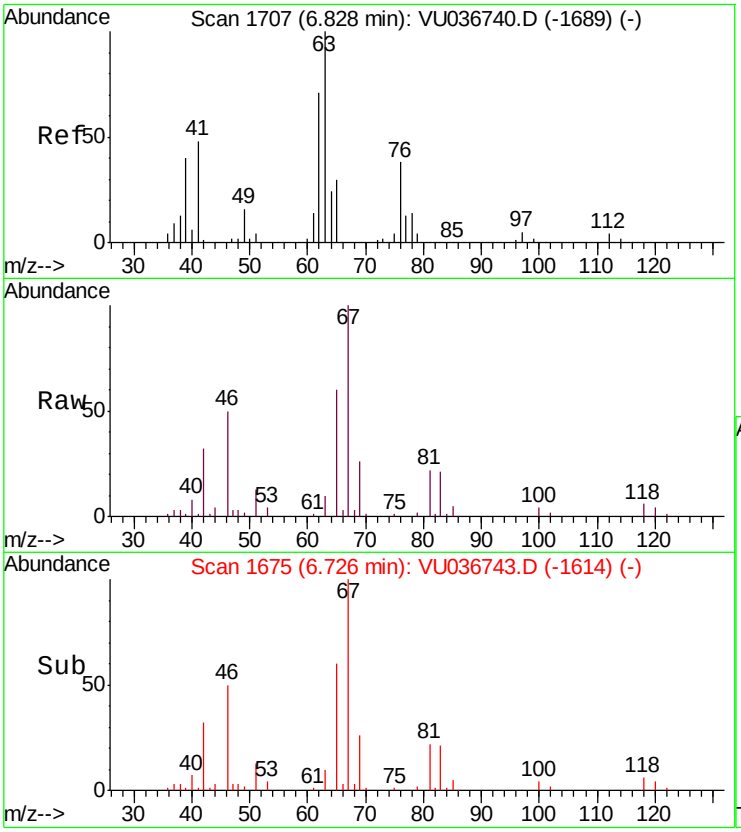


#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036743.D
Acq: 12 Feb 2020 11:39

Tgt Ion: 83 Resp: 11853

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.8	34.2	51.4#



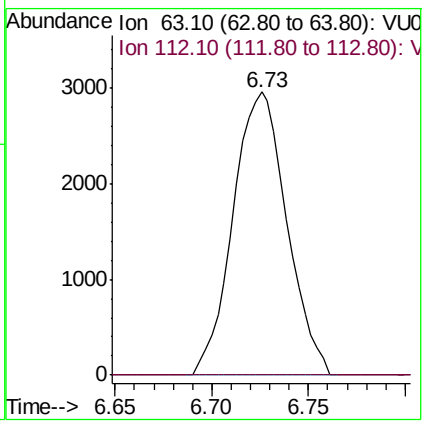


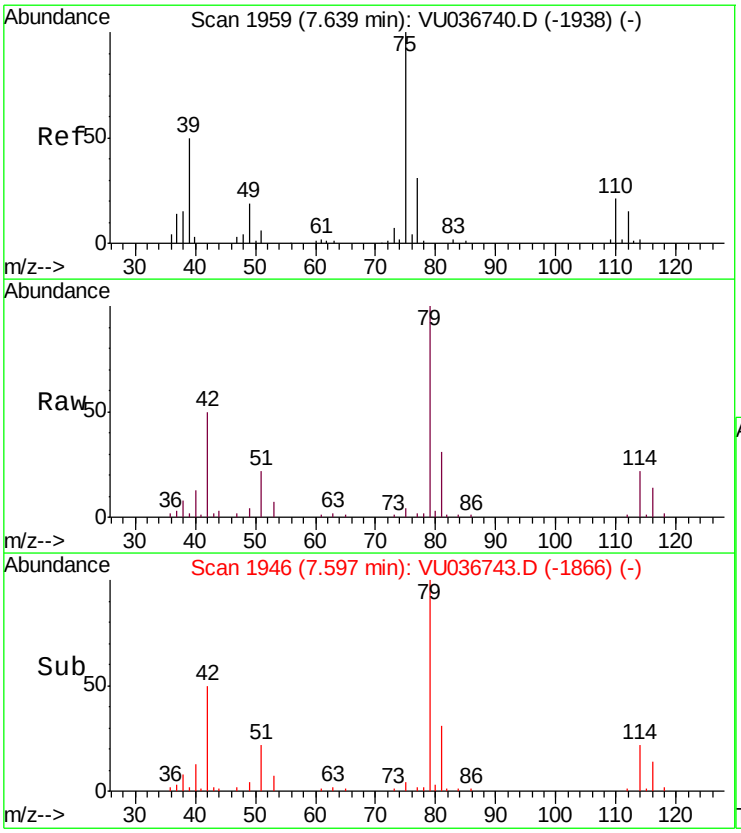
#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036743.D
Acq: 12 Feb 2020 11:39

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 63 Resp: 5705

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

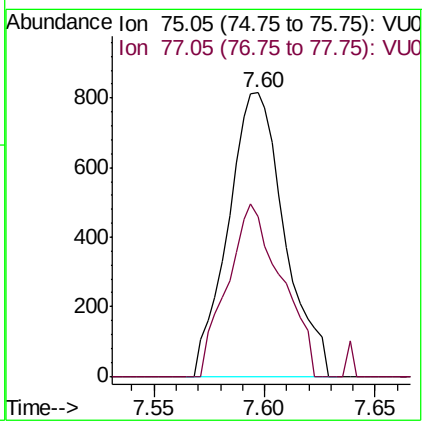


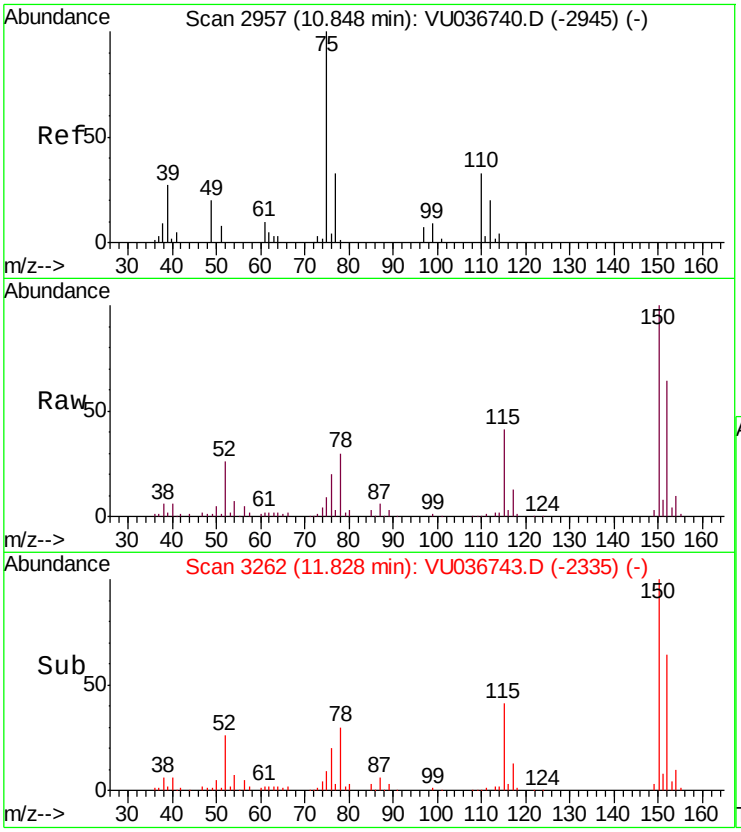


#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036743.D
Acq: 12 Feb 2020 11:39

Tgt Ion: 75 Resp: 1446

Ion	Ratio	Lower	Upper
75	100		
77	56.1	22.5	41.9#





#59
1,2,3-Trichloropropane
Concen: 1.117 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036743.D
Acq: 12 Feb 2020 11:39

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 7389

Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.6	38.4