Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Not Reviewed)

Data File : VU037051.D
Acq On : 04 Mar 2020 20:09
Operator : JC/MD
Sample : L1784-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AZ7

Quant Time: Mar 05 01:01:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	243993	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	229202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	74443	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	87249	42.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.16%			
7) Chloroethane-d5	1.91	69	83773	49.41	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.82%			
11) 1,1-Dichloroethene-d2	2.58	63	114938	33.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.00%			
21) 2-Butanone-d5	4.67	46	138417	100.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.71%			
24) Chloroform-d	5.10	84	157725	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.82%			
26) 1,2-Dichloroethane-d4	5.74	65	108983	51.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.94%			
32) Benzene-d6	5.76	84	337490	50.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.84%			
36) 1,2-Dichloropropane-d6	6.72	67	111354	51.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.72%			
41) Toluene-d8	7.92	98	294626	47.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.82%			
43) trans-1,3-Dichloropropene-	8.20	79	44099	44.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.38%			
47) 2-Hexanone-d5	8.66	63	93486	89.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.04%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157321	51.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.92%			
64) 1,2-Dichlorobenzene-d4	12.21	152	80264	55.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.32%			

Target Compounds						Qvalue
3) Chloromethane	1.53	50	3691	1.550	ug/L	95
13) Acetone	2.66	43	3629	2.567	ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	2502	1.018	ug/L #	81
34) Trichloroethene	6.57	95	21505	12.084	ug/L	97
35) Methylcyclohexane	6.72	83	24560	7.959	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11918	6.113	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3000	0.999	ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	11850	4.725	ug/L	99

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

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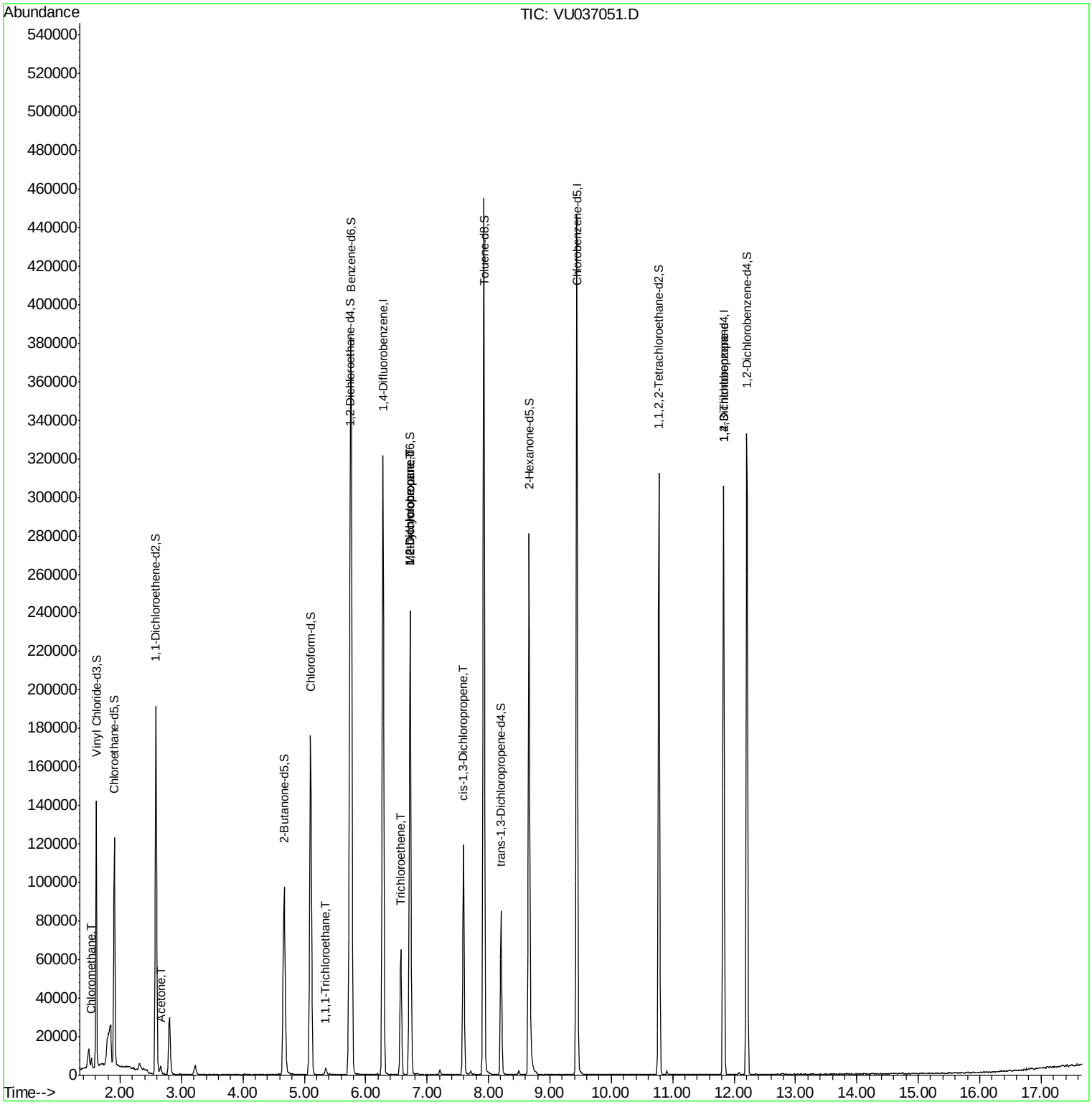
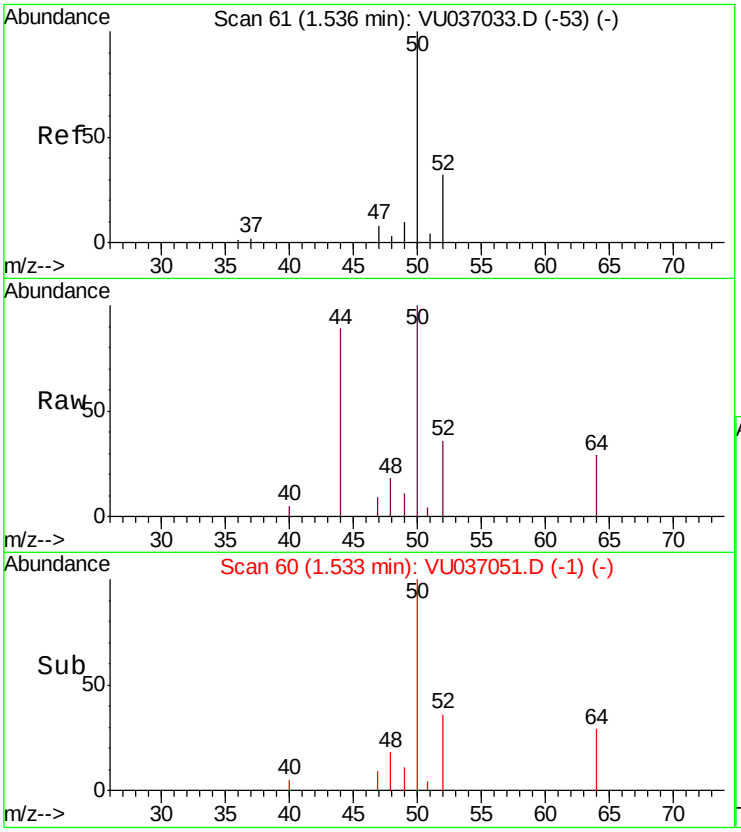
Sample : L1784-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ7

Quant Time: Mar 05 01:01:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration



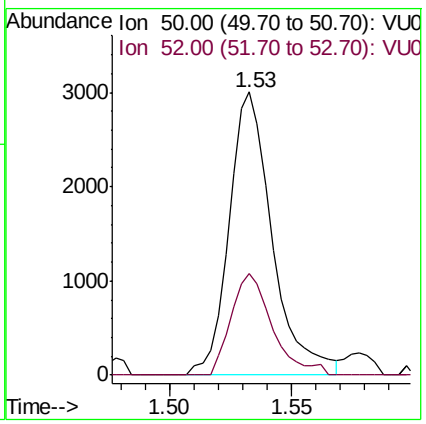


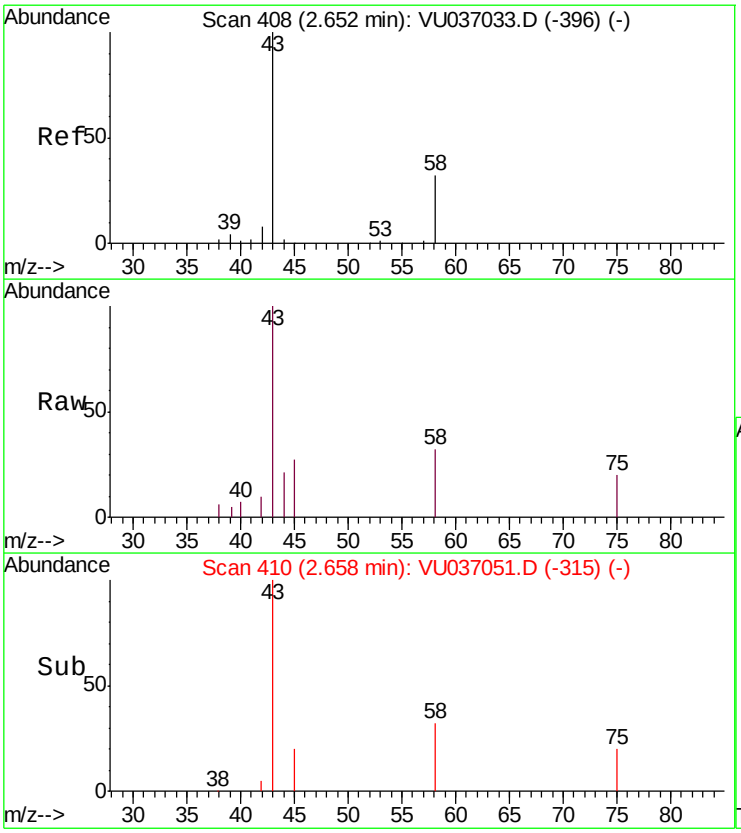
#3
Chloromethane
Concen: 1.550 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Instrument :
MSVOA_U
ClientSampleId :
C0AZ7

Tgt Ion: 50 Resp: 3691

Ion	Ratio	Lower	Upper
50	100		
52	35.8	23.0	42.6

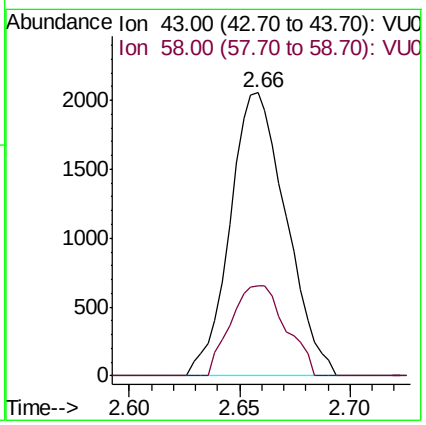


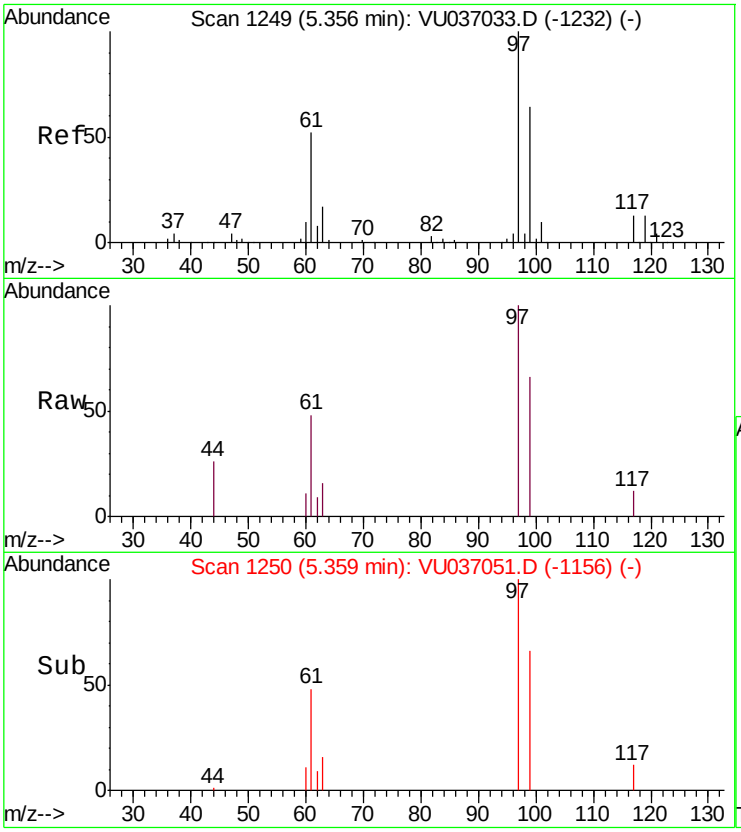


#13
Acetone
Concen: 2.567 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Tgt Ion: 43 Resp: 3629

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	64.6



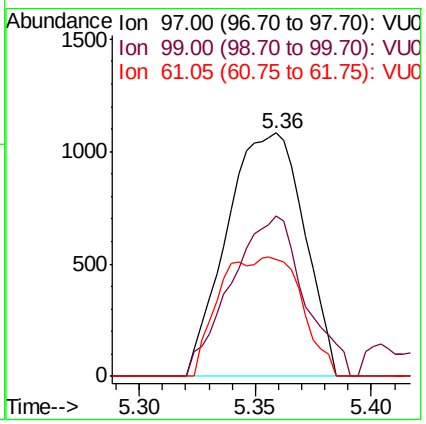


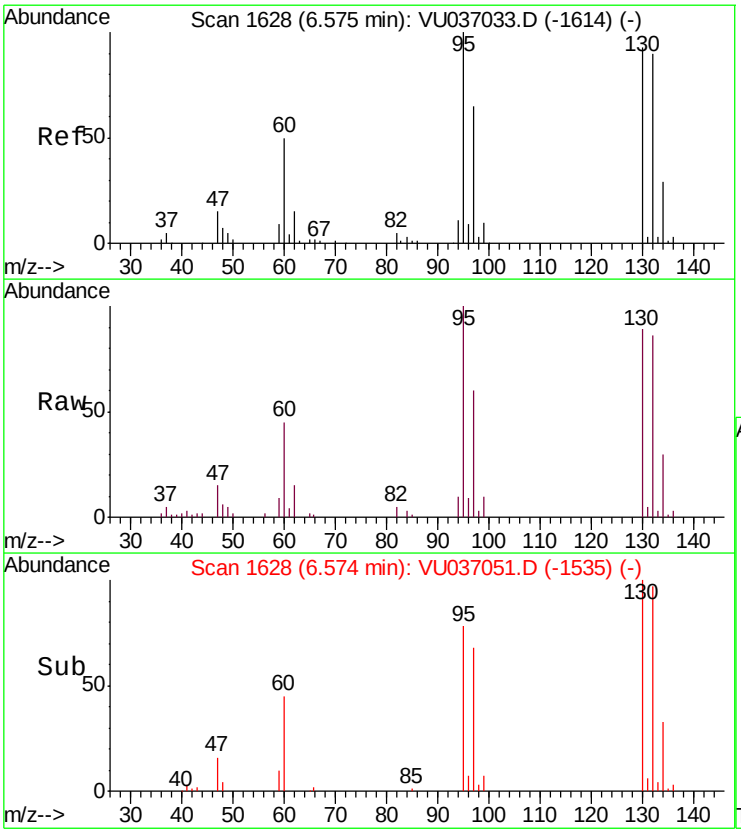
#30
1,1,1-Trichloroethane
Concen: 1.018 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Instrument :
MSVOA_U
ClientSampleId :
C0AZ7

Tgt Ion: 97 Resp: 2502

Ion	Ratio	Lower	Upper
97	100		
99	62.5	50.4	75.6
61	20.7	40.3	60.5#

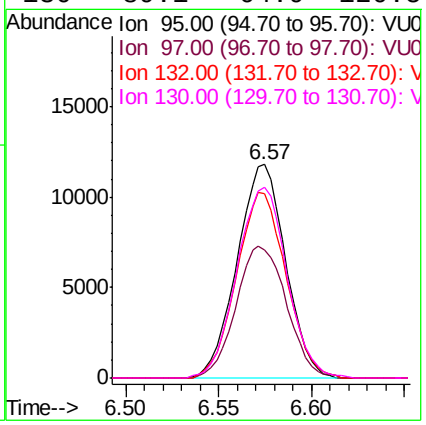


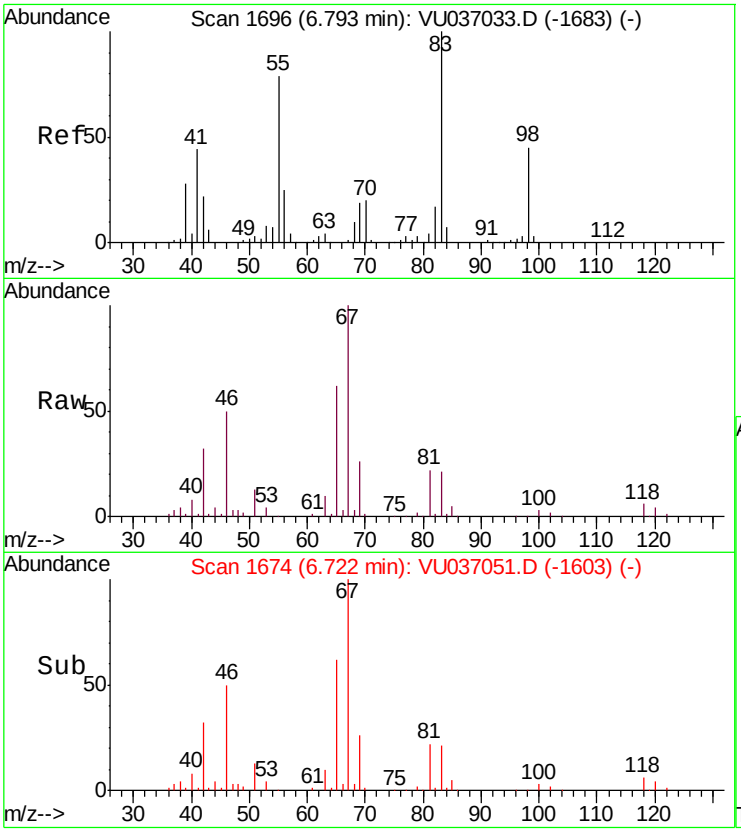


#34
Trichloroethene
Concen: 12.084 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Tgt Ion: 95 Resp: 21505

Ion	Ratio	Lower	Upper
95	100		
97	60.2	44.1	81.9
132	86.3	60.6	112.6
130	89.1	64.9	120.5



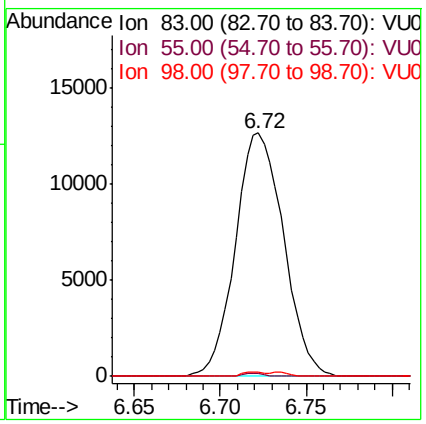


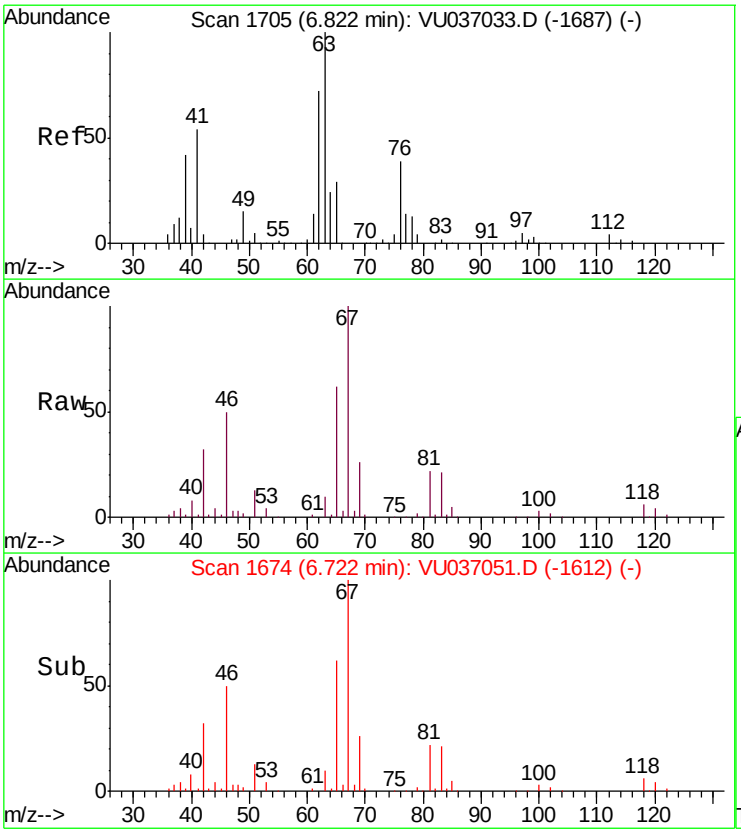
#35
Methylcyclohexane
Concen: 7.959 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Instrument : MSVOA_U
ClientSampleId : C0AZ7

Tgt Ion: 83 Resp: 24560

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.6	93.8#
98	0.9	35.1	52.7#

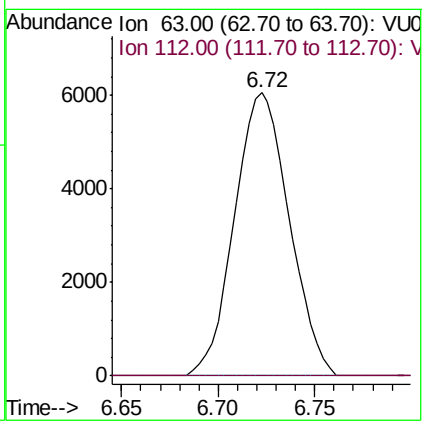


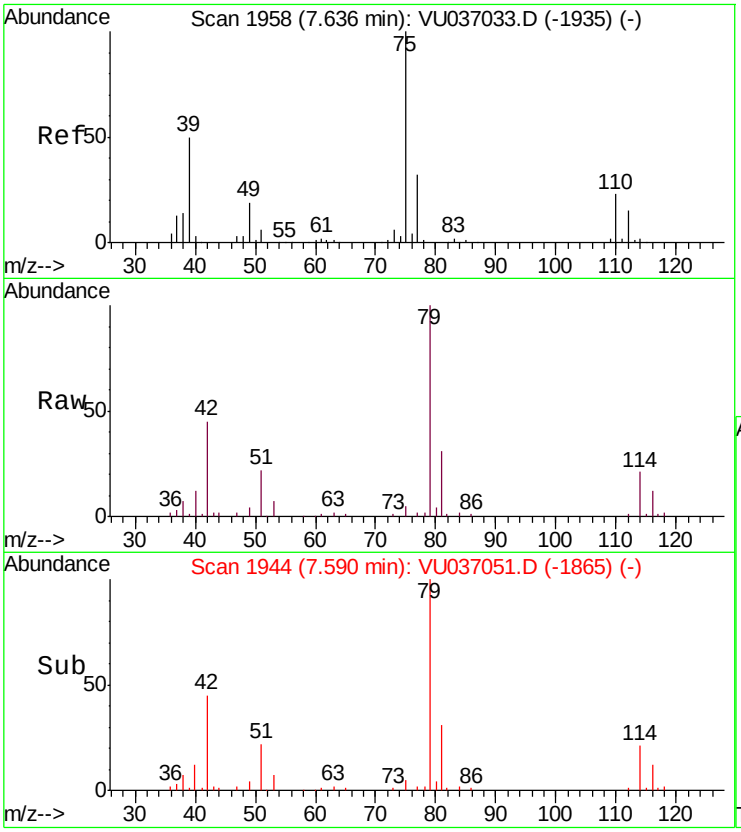


#37
1,2-Dichloropropane
Concen: 6.113 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Tgt Ion: 63 Resp: 11918

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



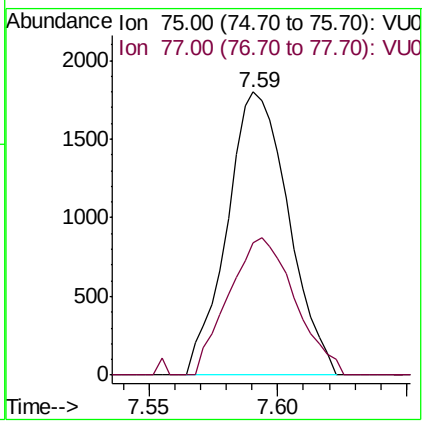


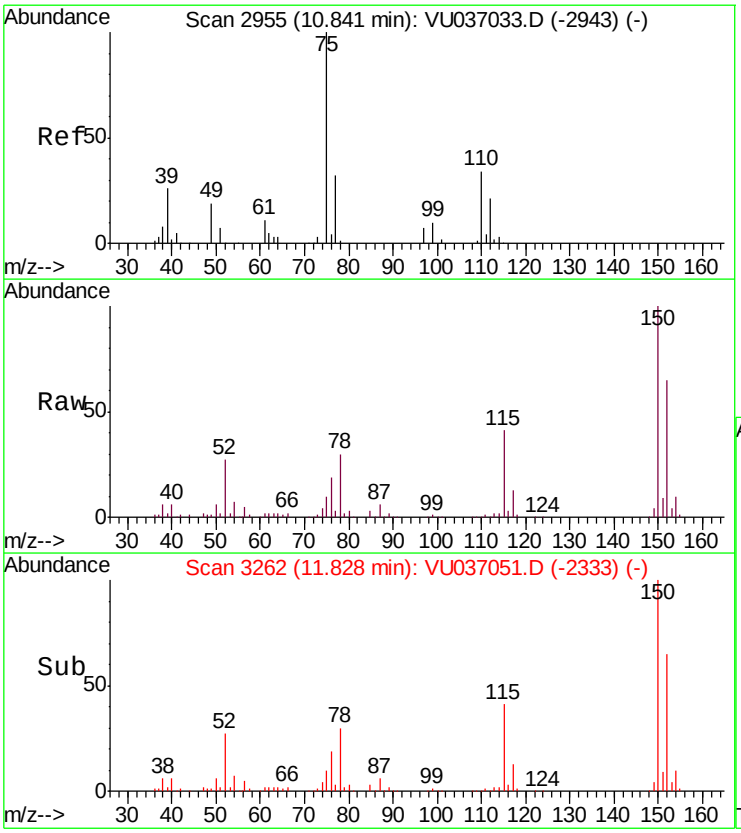
#39
cis-1,3-Dichloropropene
Concen: 0.999 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Instrument :
MSVOA_U
ClientSampleId :
C0AZ7

Tgt Ion: 75 Resp: 3000

Ion	Ratio	Lower	Upper
75	100		
77	46.7	22.0	41.0#





#59
1,2,3-Trichloropropane
Concen: 4.725 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Tgt Ion: 75 Resp: 11850

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.2	39.2