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

Quantitation Report (Not Reviewed)

Data File : VU037055.D
Acq On : 04 Mar 2020 22:30
Operator : JC/MD
Sample : L1780-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DF5

Quant Time: Mar 05 02:57:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	243707	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	232525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78716	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	86994	42.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.02%			
7) Chloroethane-d5	1.91	69	81977	48.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.82%			
11) 1,1-Dichloroethene-d2	2.58	63	115196	33.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.22%			
21) 2-Butanone-d5	4.67	46	141017	102.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.72%			
24) Chloroform-d	5.10	84	156402	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.08%			
26) 1,2-Dichloroethane-d4	5.74	65	108568	51.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.66%			
32) Benzene-d6	5.76	84	336311	50.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.02%			
36) 1,2-Dichloropropane-d6	6.72	67	111829	51.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.66%			
41) Toluene-d8	7.92	98	292786	46.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.86%			
43) trans-1,3-Dichloropropene-	8.20	79	44311	43.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.54%			
47) 2-Hexanone-d5	8.66	63	94955	89.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.14%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	161404	52.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.10%			
64) 1,2-Dichlorobenzene-d4	12.21	152	83509	54.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.54%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	3594	1.511	ug/L	92
13) Acetone	2.66	43	2529	1.791	ug/L	92
34) Trichloroethene	6.57	95	2119	1.174	ug/L	94
35) Methylcyclohexane	6.72	83	24569	7.849	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12333	6.235	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2754	0.904	ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	12284	4.828	ug/L	93

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

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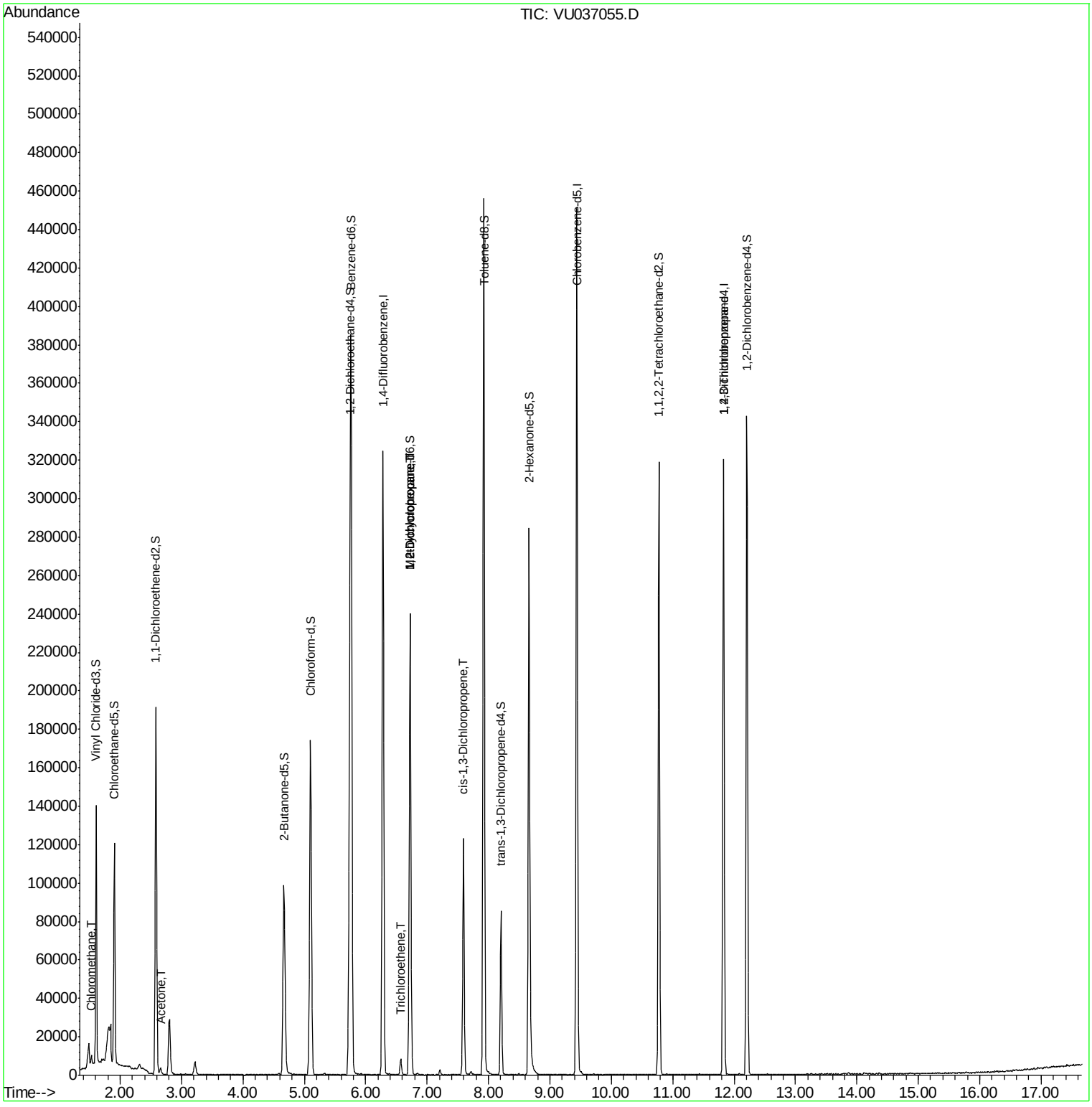
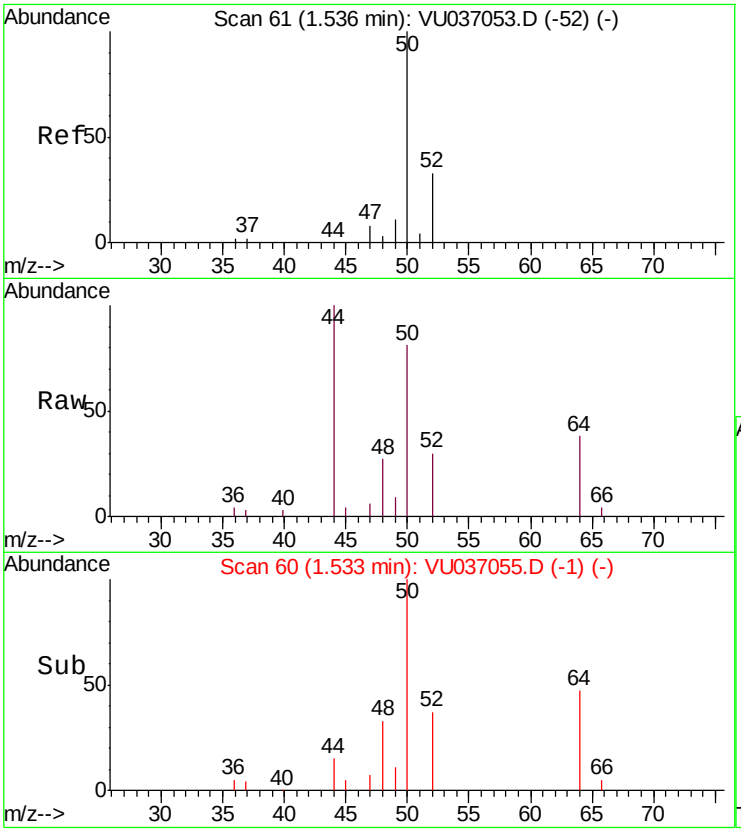
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



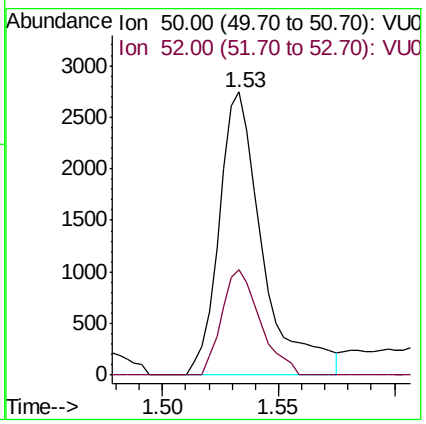


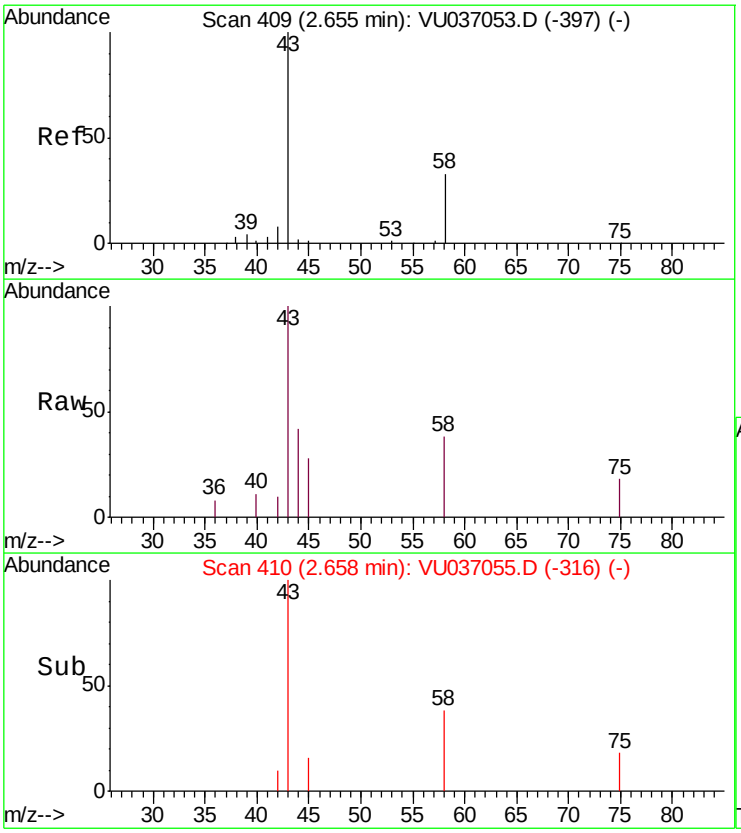
#3
Chloromethane
Concen: 1.511 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037055.D
Acq: 04 Mar 2020 22:30

Instrument :
MSVOA_U
ClientSampleId :
C0DF5

Tgt Ion: 50 Resp: 3594

Ion	Ratio	Lower	Upper
50	100		
52	37.4	23.0	42.6

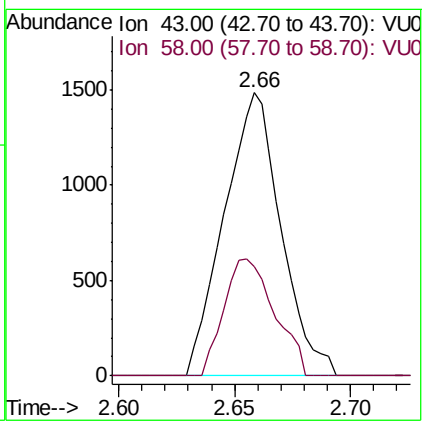


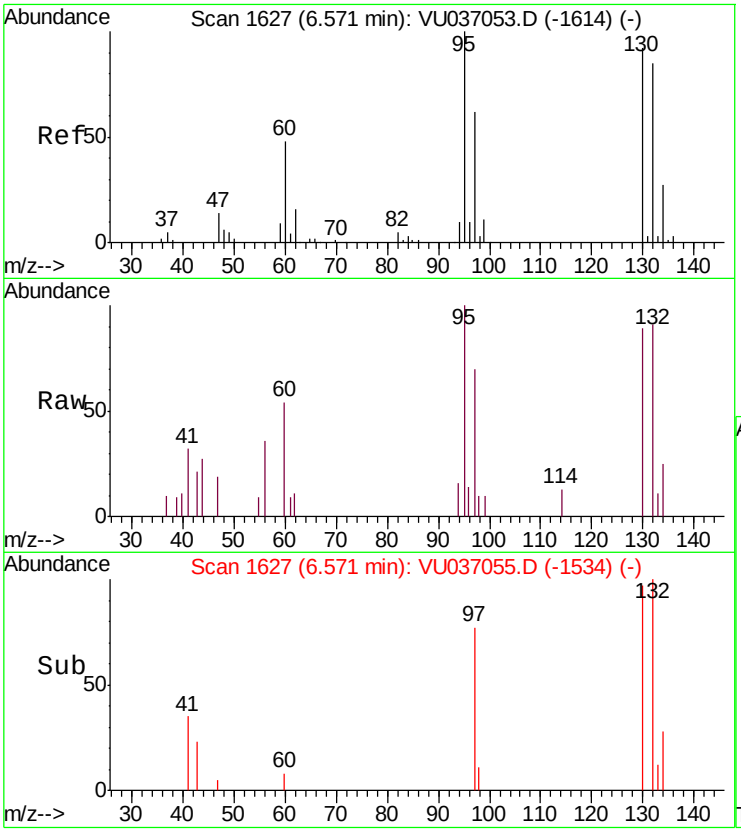


#13
Acetone
Concen: 1.791 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU037055.D
Acq: 04 Mar 2020 22:30

Tgt Ion: 43 Resp: 2529

Ion	Ratio	Lower	Upper
43	100		
58	36.8	0.0	64.6



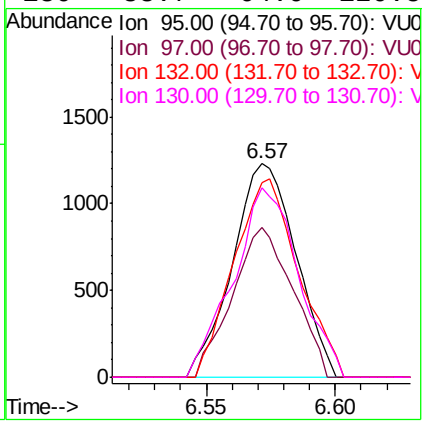


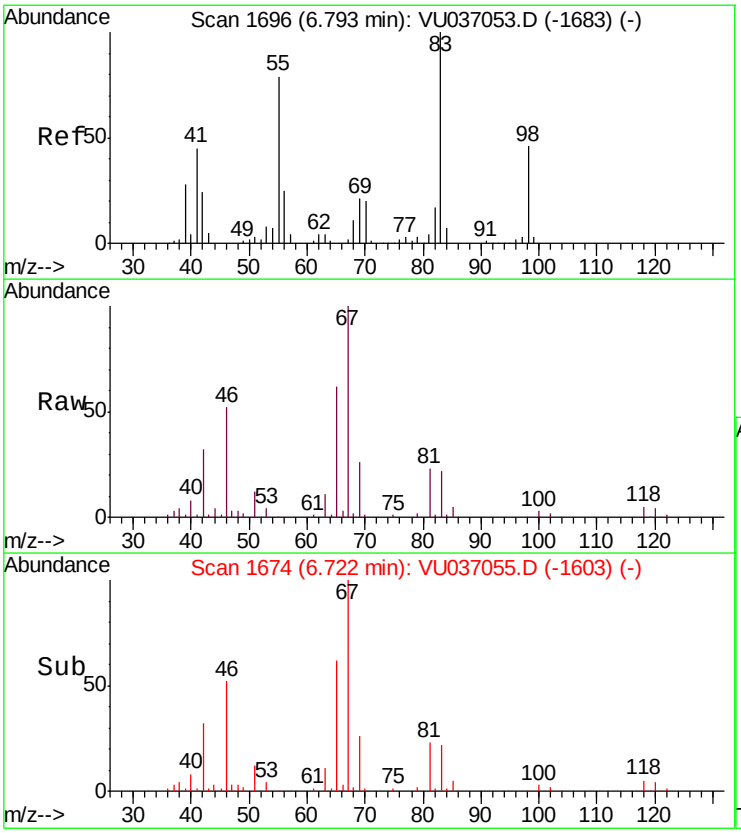
#34
Trichloroethene
Concen: 1.174 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037055.D
Acq: 04 Mar 2020 22:30

Instrument : MSVOA_U
ClientSampleId : C0DF5

Tgt Ion: 95 Resp: 2119

Ion	Ratio	Lower	Upper
95	100		
97	69.9	44.1	81.9
132	91.3	60.6	112.6
130	88.7	64.9	120.5

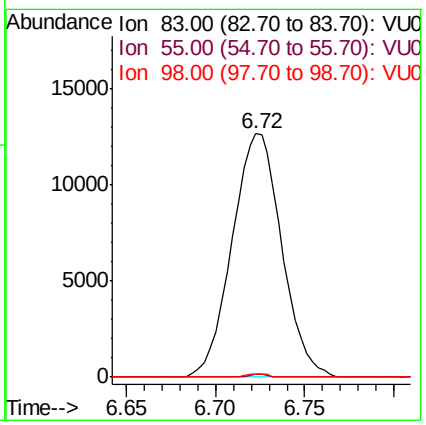


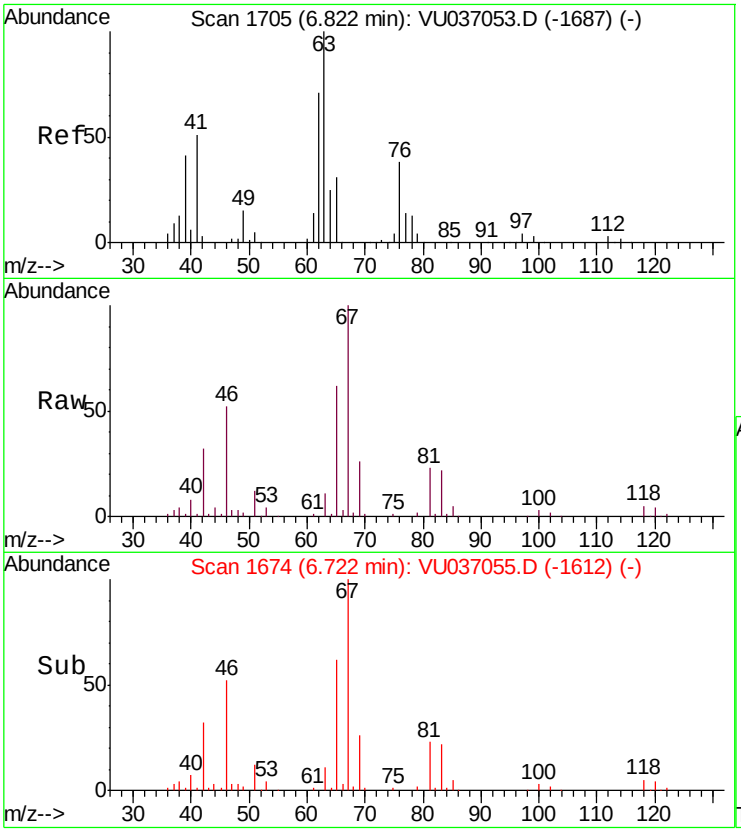


#35
Methylcyclohexane
Concen: 7.849 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037055.D
Acq: 04 Mar 2020 22:30

Tgt Ion: 83 Resp: 24569

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.6	93.8#
98	0.5	35.1	52.7#



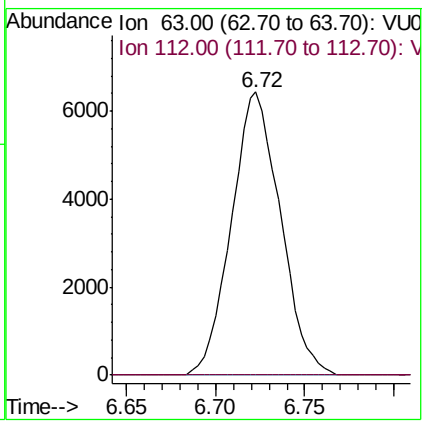


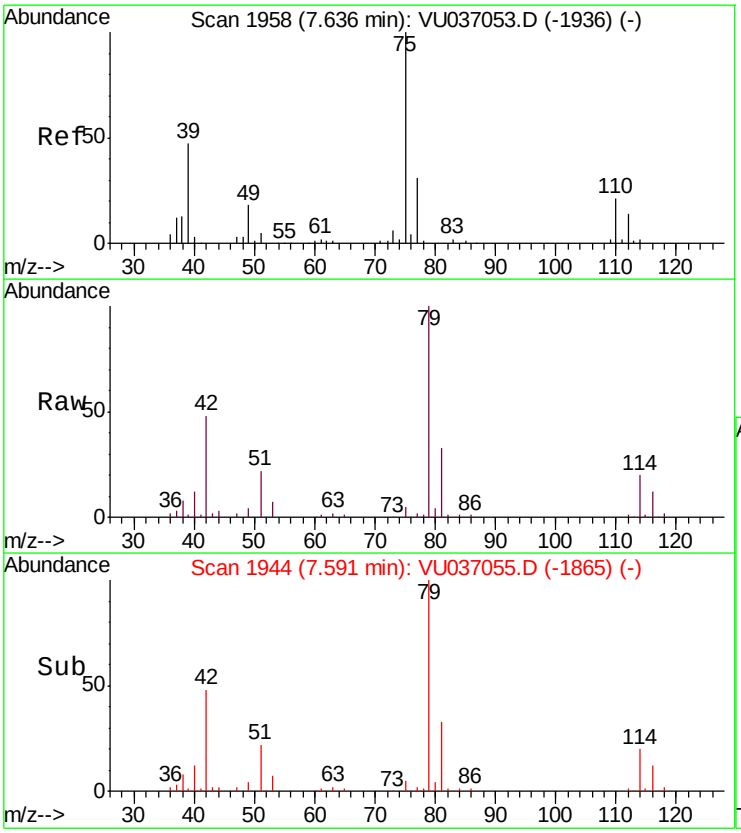
#37
1,2-Dichloropropane
Concen: 6.235 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037055.D
Acq: 04 Mar 2020 22:30

Instrument :
MSVOA_U
ClientSampleId :
C0DF5

Tgt Ion: 63 Resp: 12333

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

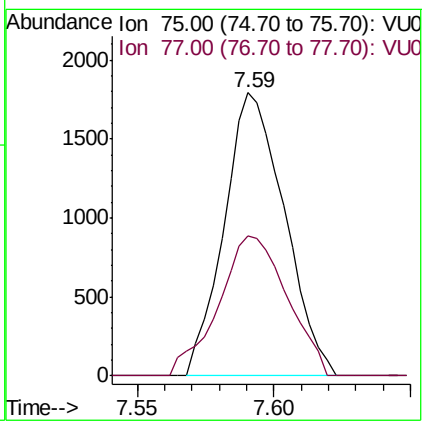


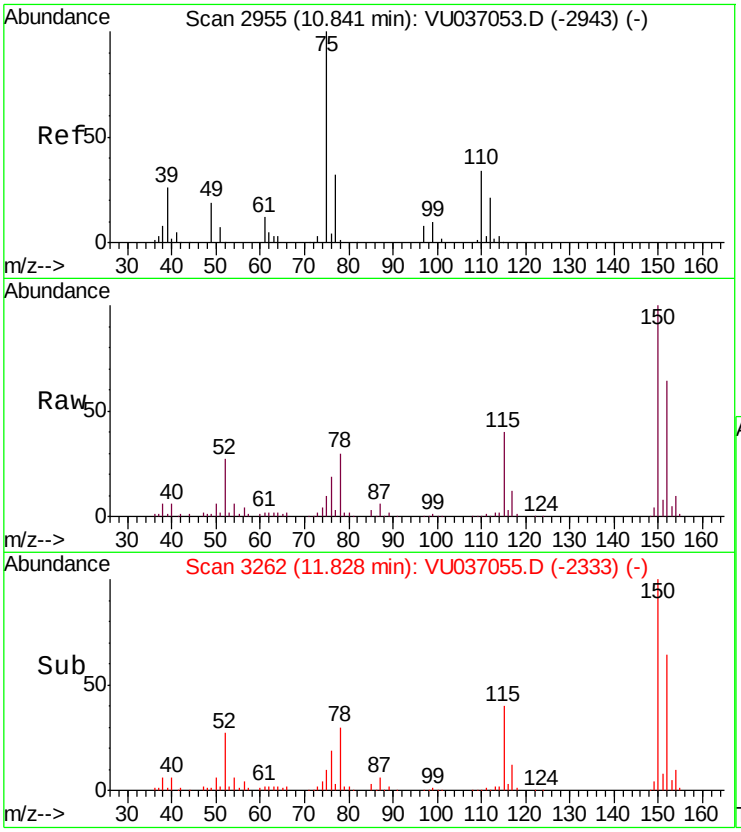


#39
cis-1,3-Dichloropropene
Concen: 0.904 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU037055.D
Acq: 04 Mar 2020 22:30

Tgt Ion: 75 Resp: 2754

Ion	Ratio	Lower	Upper
75	100		
77	49.6	22.0	41.0#





#59
1,2,3-Trichloropropane
Concen: 4.828 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037055.D
Acq: 04 Mar 2020 22:30

Instrument :
MSVOA_U
ClientSampleId :
C0DF5

Tgt Ion: 75 Resp: 12284

Ion	Ratio	Lower	Upper
75	100		
77	36.4	26.2	39.2