Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040320\
Data File : VU037572.D
Acq On : 03 Apr 2020 17:31
Operator : JC/MD
Sample : L2158-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0F07

Quant Time: Apr 04 05:25:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 04 05:18:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	175514	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	161484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	76170	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	61785	43.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.68%			
7) Chloroethane-d5	1.93	69	49433	43.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.32%			
11) 1,1-Dichloroethene-d2	2.59	63	83560	34.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.74%			
21) 2-Butanone-d5	4.67	46	100794	94.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.08%			
24) Chloroform-d	5.11	84	105392	43.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.76%			
26) 1,2-Dichloroethane-d4	5.74	65	70317	44.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.20%			
32) Benzene-d6	5.76	84	217036	46.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.76%			
36) 1,2-Dichloropropane-d6	6.72	67	74169	47.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.18%			
41) Toluene-d8	7.92	98	200416	45.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.92%			
43) trans-1,3-Dichloropropene-	8.20	79	37932	44.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.72%			
47) 2-Hexanone-d5	8.65	63	77888	93.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.34%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105344	46.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.58%			
64) 1,2-Dichlorobenzene-d4	12.21	152	72327	46.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.06%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	894	0.924	ug/L #	22
13) Acetone	2.65	43	3490	5.636	ug/L	93
25) Chloroform	5.13	83	2062	0.998	ug/L	99
35) Methylcyclohexane	6.72	83	16476	9.638	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	7976	6.616	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2653	1.409	ug/L #	67
44) trans-1,3-Dichloropropene	8.20	75	1955	1.054	ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	11399	7.355	ug/L	95

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

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Quant Title : VOC Analysis
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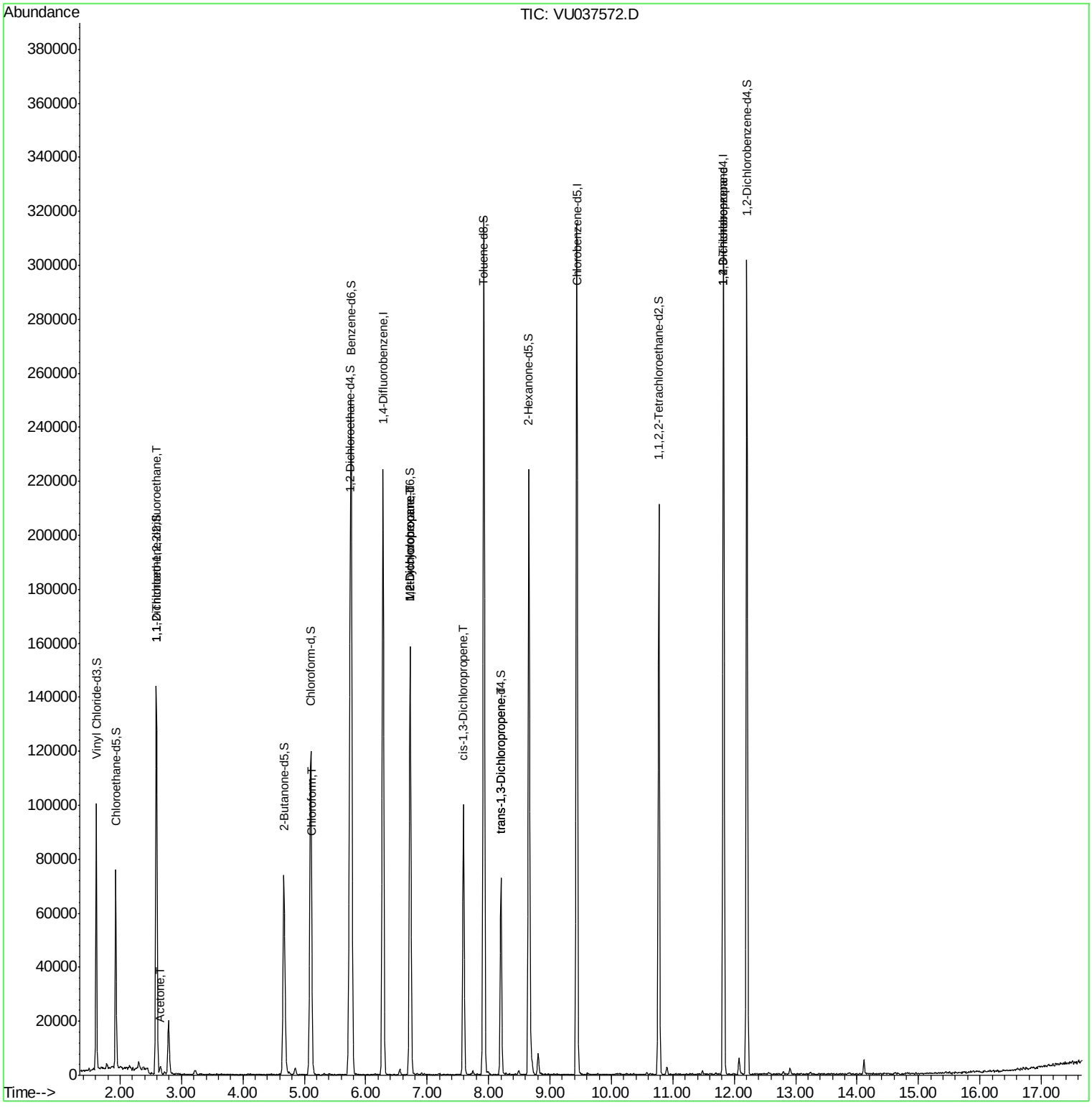
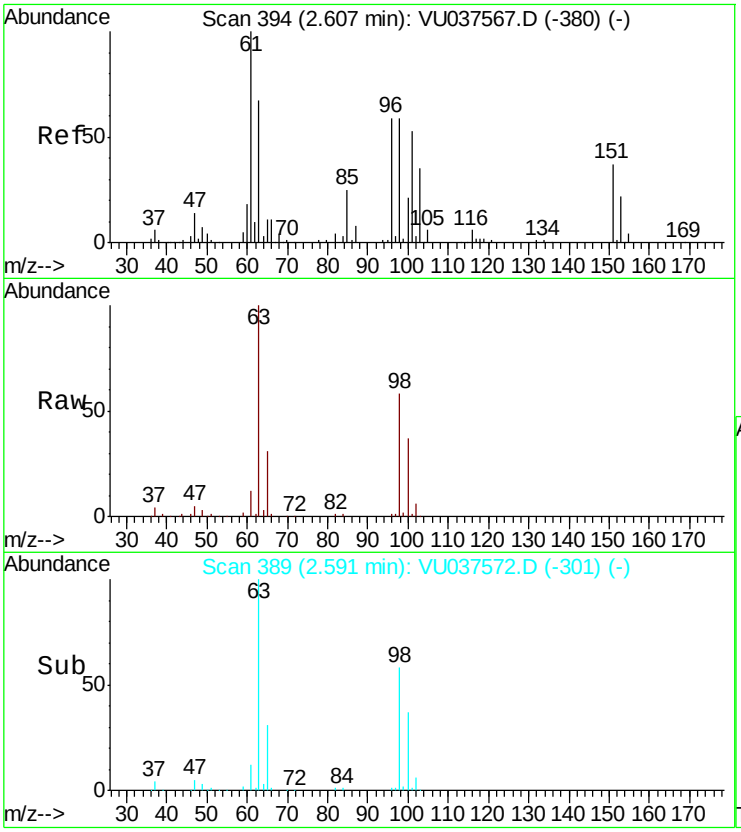


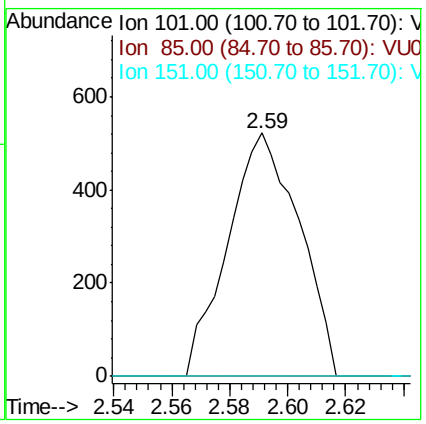


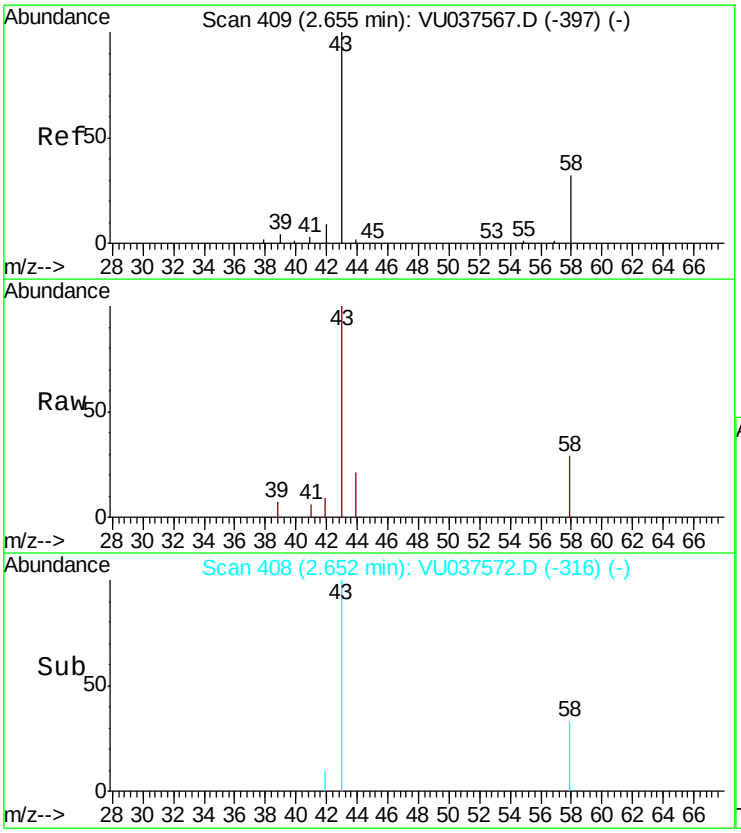
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.924 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU037572.D
Acq: 03 Apr 2020 17:31

Instrument : MSVOA_U
ClientSampleId : C0F07

Tgt Ion:101 Resp: 894

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.2#
151	0.0	55.3	82.9#

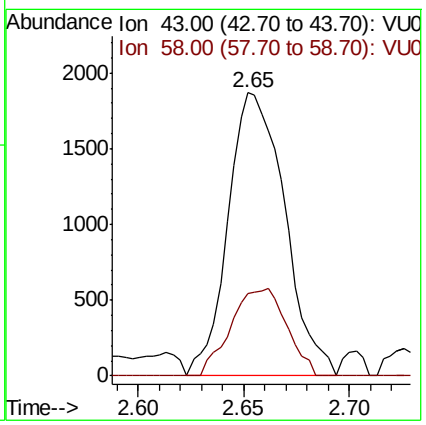


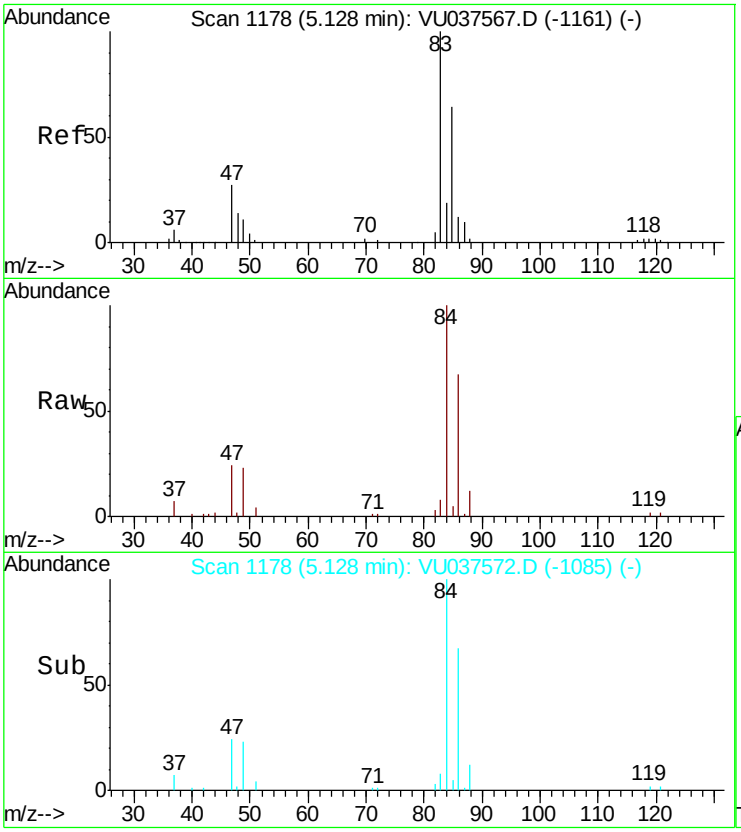


#13
Acetone
Concen: 5.636 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU037572.D
Acq: 03 Apr 2020 17:31

Tgt Ion: 43 Resp: 3490

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	68.8



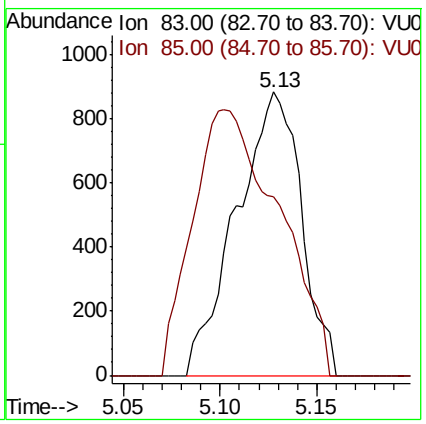


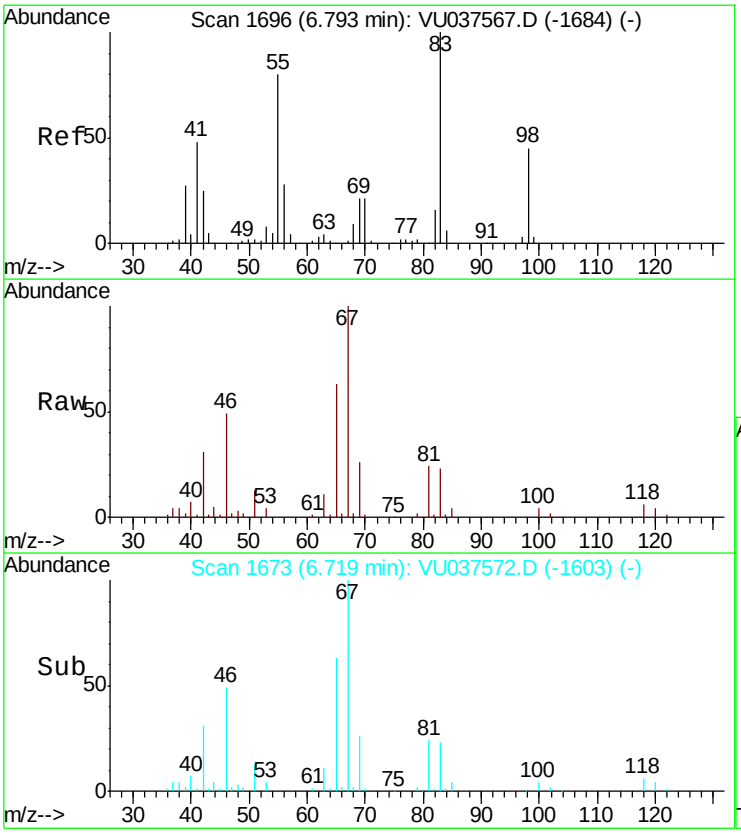
#25
Chloroform
Concen: 0.998 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037572.D
Acq: 03 Apr 2020 17:31

Instrument :
MSVOA_U
ClientSampleId :
C0F07

Tgt Ion: 83 Resp: 2062

Ion	Ratio	Lower	Upper
83	100		
85	62.9	43.7	81.1

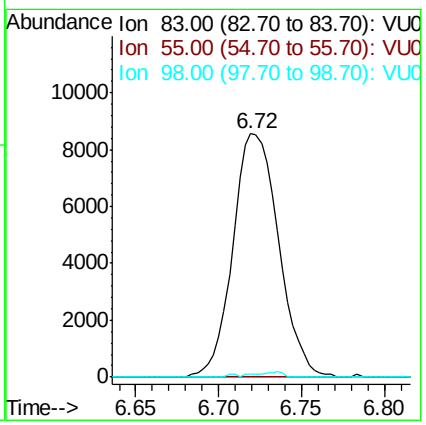


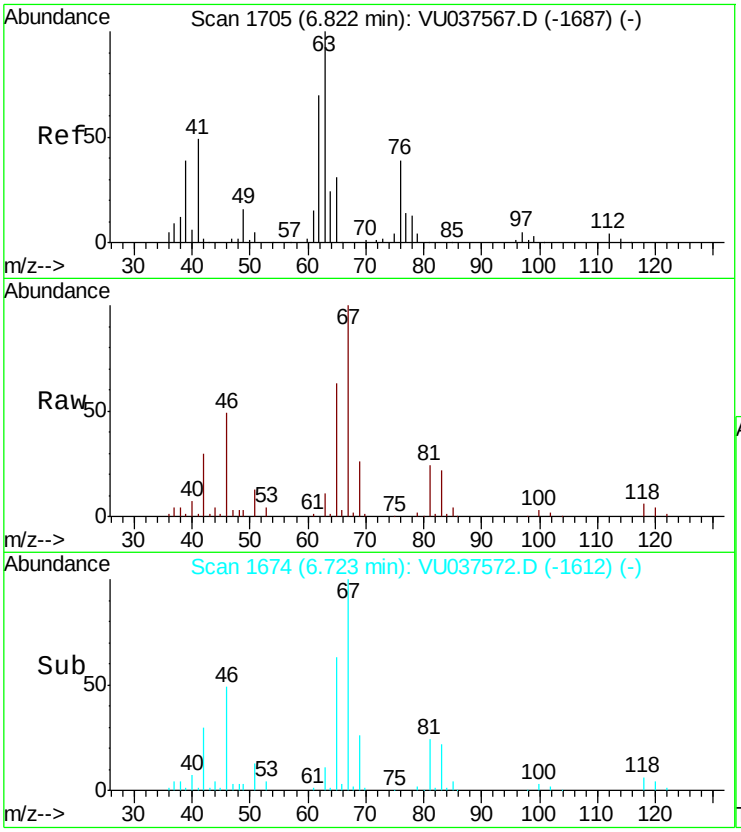


#35
Methylcyclohexane
Concen: 9.638 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU037572.D
Acq: 03 Apr 2020 17:31

Tgt Ion: 83 Resp: 16476

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.1	91.7#
98	0.4	35.3	52.9#



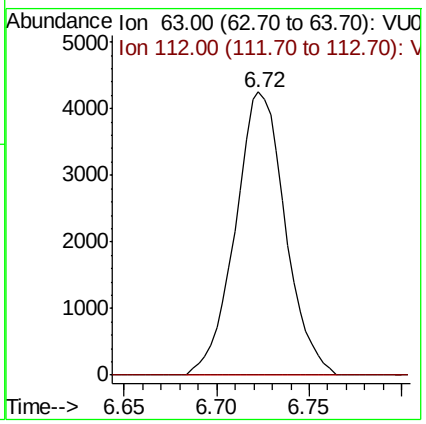


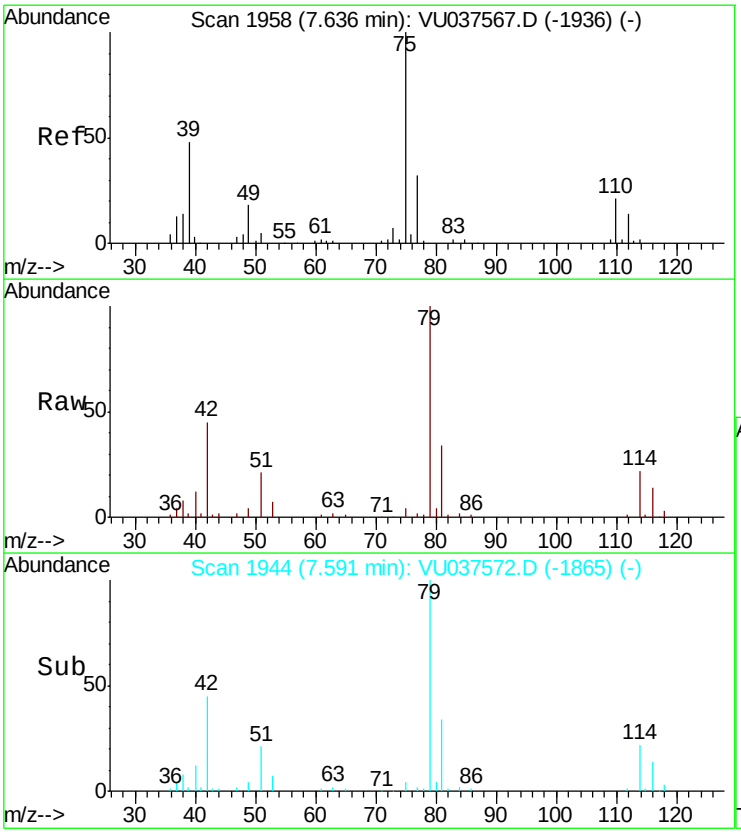
#37
1,2-Dichloropropane
Concen: 6.616 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037572.D
Acq: 03 Apr 2020 17:31

Instrument :
MSVOA_U
ClientSampleId :
C0F07

Tgt Ion: 63 Resp: 7976

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

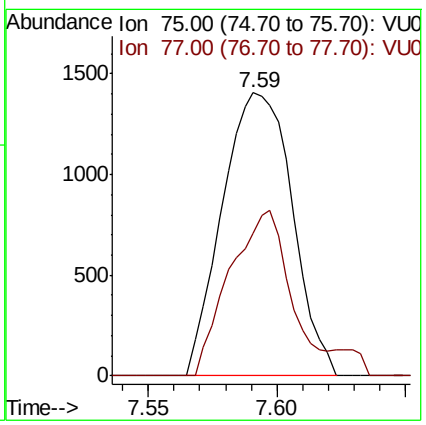


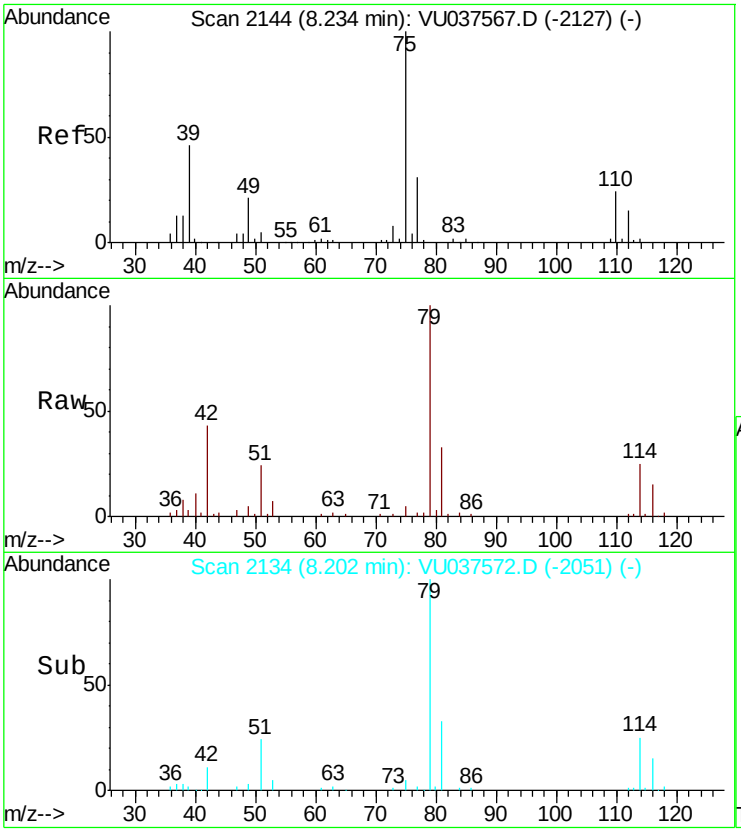


#39
cis-1,3-Dichloropropene
Concen: 1.409 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037572.D
Acq: 03 Apr 2020 17:31

Tgt Ion: 75 Resp: 2653

Ion	Ratio	Lower	Upper
75	100		
77	50.4	22.5	41.7#



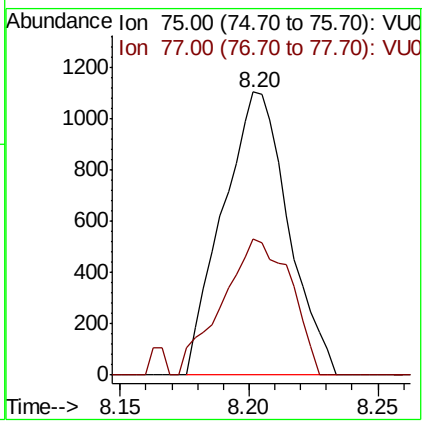


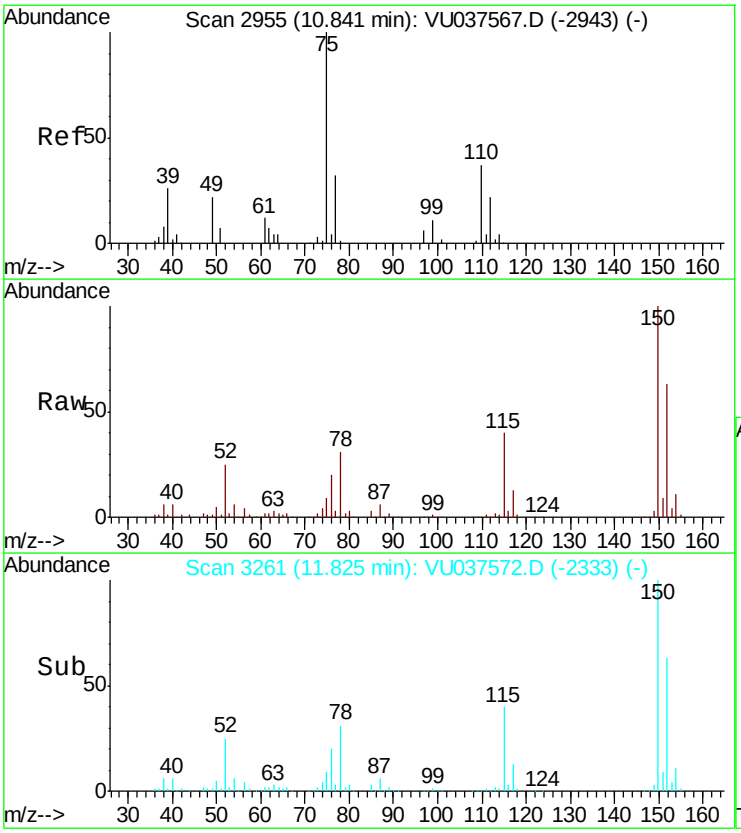
#44
trans-1,3-Dichloropropene
Concen: 1.054 ug/L
RT: 8.20 min Scan# 2134
Delta R.T. -0.03 min
Lab File: VU037572.D
Acq: 03 Apr 2020 17:31

Instrument :
MSVOA_U
ClientSampleId :
C0F07

Tgt Ion: 75 Resp: 1955

Ion	Ratio	Lower	Upper
75	100		
77	48.1	23.4	43.6#





#59
1,2,3-Trichloropropane
Concen: 7.355 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037572.D
Acq: 03 Apr 2020 17:31

Tgt Ion: 75 Resp: 11399

Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.5	38.3