Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022720\

Quantitation Report (Not Reviewed)

Data File : VU036945.D
Acq On : 27 Feb 2020 15:48
Operator : JC/MD
Sample : L1687-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AS7

Quant Time: Feb 27 22:04:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	255067	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90241	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	79015	36.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.78%			
7) Chloroethane-d5	1.93	69	75274	42.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.94%			
11) 1,1-Dichloroethene-d2	2.59	63	106428	29.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.34%#			
21) 2-Butanone-d5	4.67	46	150271	104.59	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.59%			
24) Chloroform-d	5.11	84	148702	45.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.92%			
26) 1,2-Dichloroethane-d4	5.74	65	104406	47.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.34%			
32) Benzene-d6	5.76	84	319537	45.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.70%			
36) 1,2-Dichloropropane-d6	6.72	67	107934	47.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.58%			
41) Toluene-d8	7.92	98	285729	43.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.44%			
43) trans-1,3-Dichloropropene-	8.20	79	45407	42.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.62%			
47) 2-Hexanone-d5	8.66	63	109187	97.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.83%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152131	47.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.54%			
64) 1,2-Dichlorobenzene-d4	12.21	152	88374	50.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
13) Acetone	2.66	43	3929	2.659	ug/L	99
15) Methyl Acetate	2.79	43	3737	1.659	ug/L #	52
34) Trichloroethene	6.57	95	2075	1.097	ug/L	91
35) Methylcyclohexane	6.72	83	24320	7.415	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11591	5.593	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2774	0.869	ug/L #	71
48) 2-Hexanone	8.66	43	13009	5.339	ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	13177	4.943	ug/L	97

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

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Quantitation Report (Not Reviewed)

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Operator : JC/MD
Sample : L1687-07
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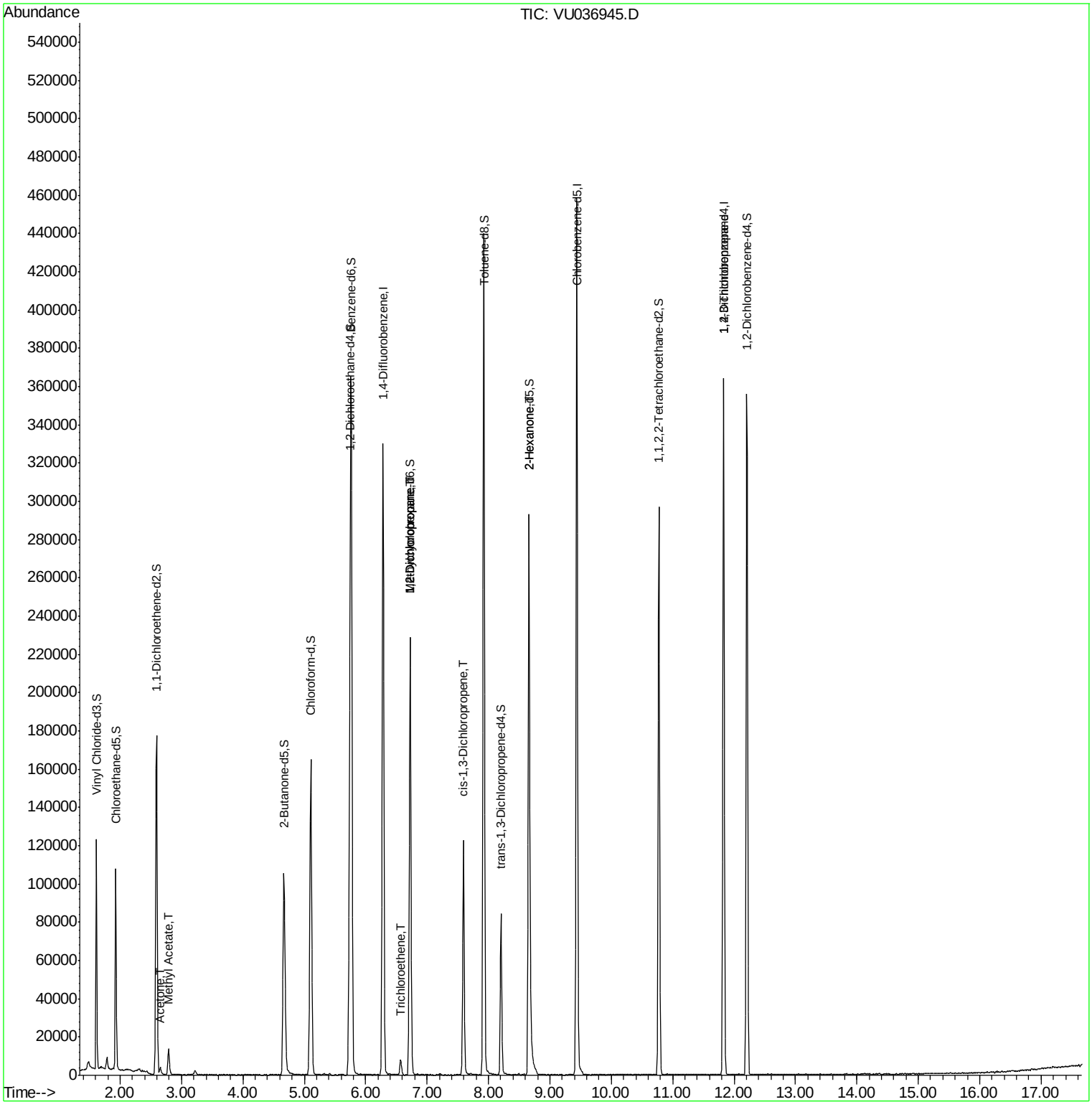
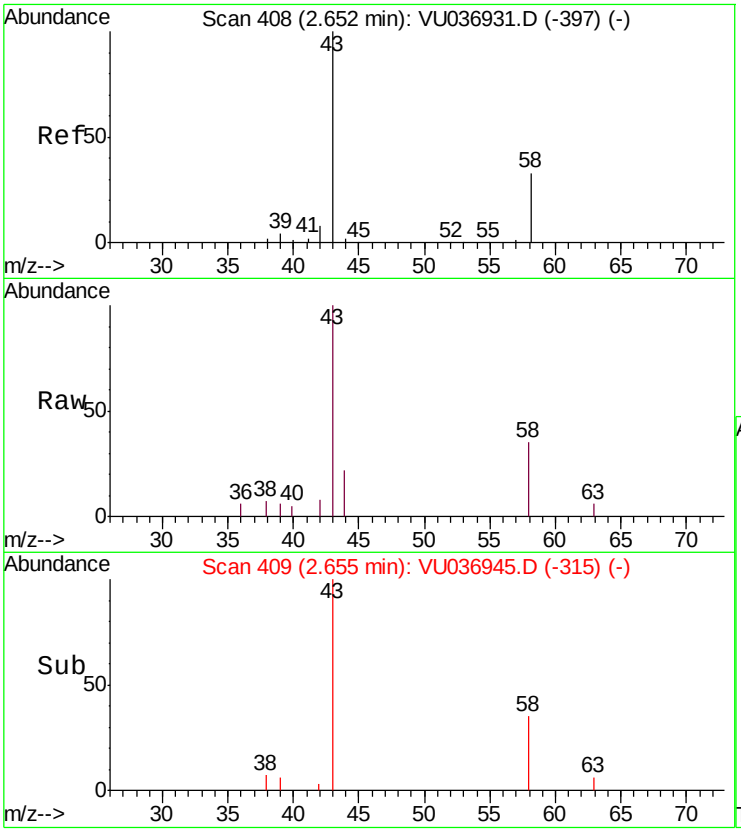
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AS7

Quant Time: Feb 27 22:04:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration



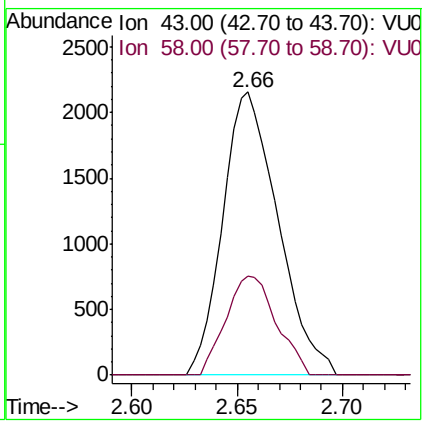


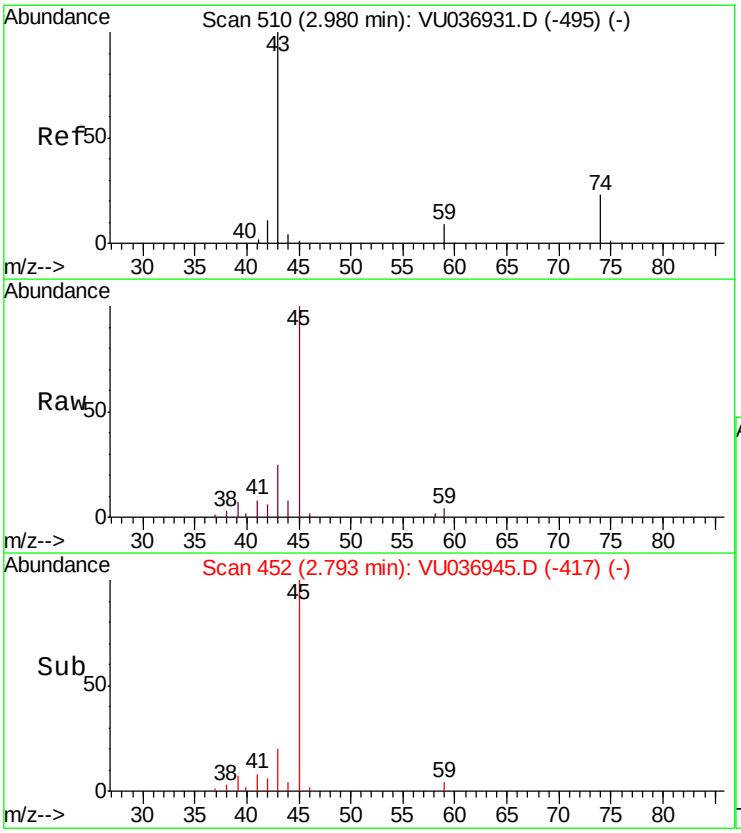
#13
Acetone
Concen: 2.659 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU036945.D
Acq: 27 Feb 2020 15:48

Instrument :
MSVOA_U
ClientSampleId :
C0AS7

Tgt Ion: 43 Resp: 3929

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	64.6

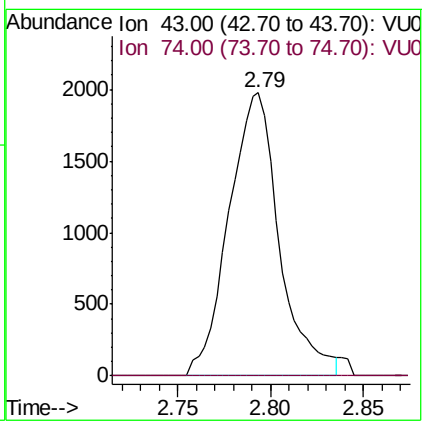


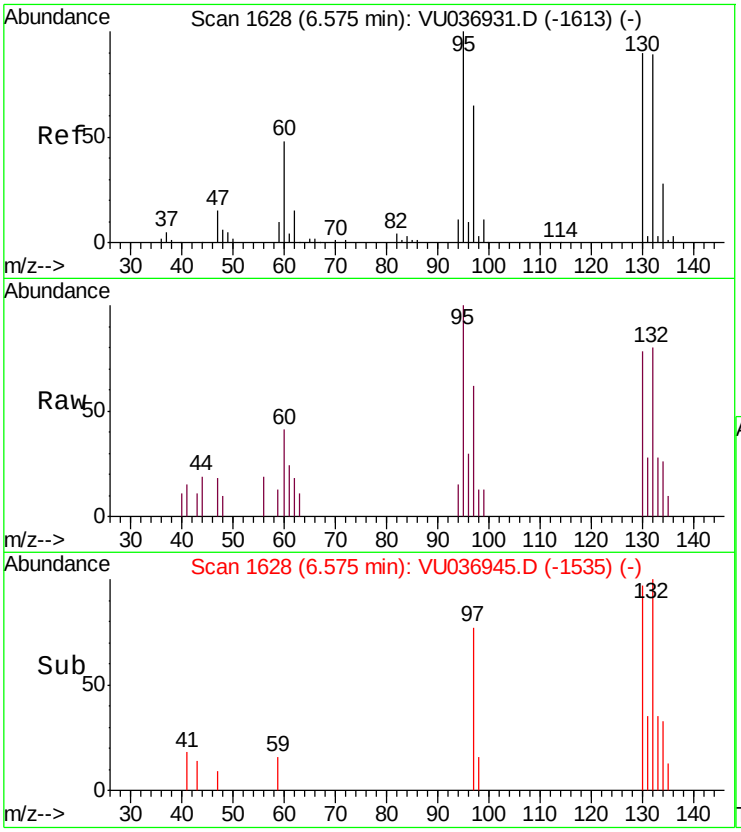


#15
Methyl Acetate
Concen: 1.659 ug/L
RT: 2.79 min Scan# 452
Delta R.T. -0.19 min
Lab File: VU036945.D
Acq: 27 Feb 2020 15:48

Tgt Ion: 43 Resp: 3737

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.4#



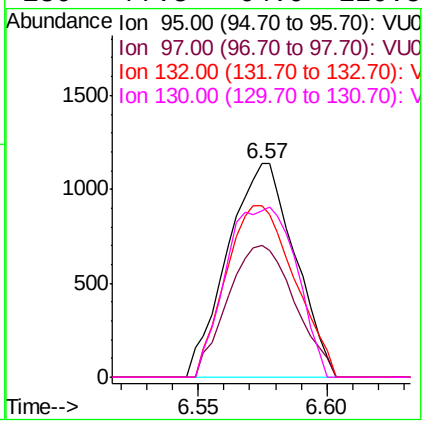


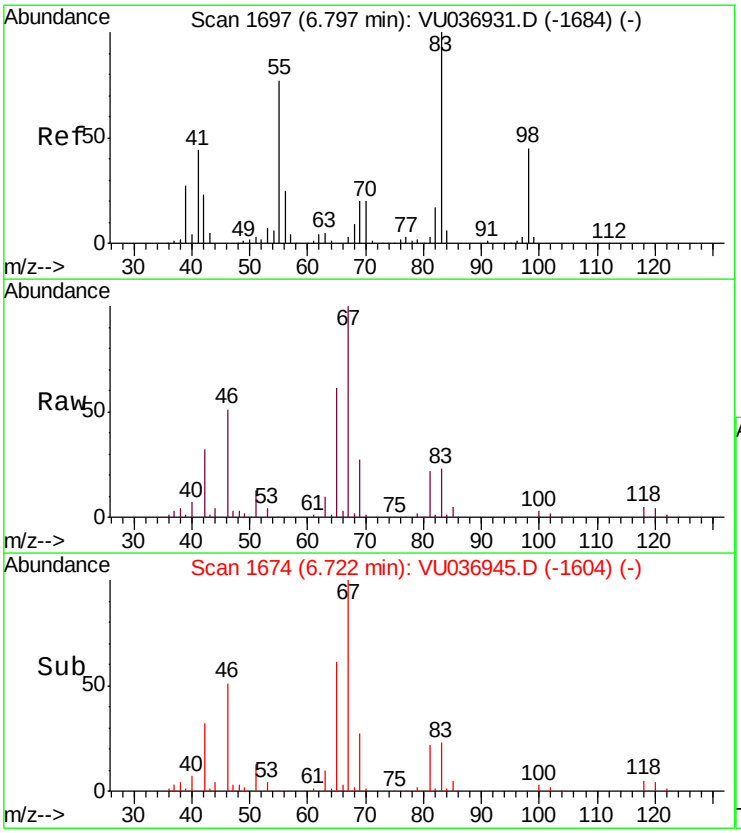
#34
Trichloroethene
Concen: 1.097 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU036945.D
Acq: 27 Feb 2020 15:48

Instrument :
MSVOA_U
ClientSampleId :
C0AS7

Tgt Ion: 95 Resp: 2075

Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.1	81.9
132	80.0	60.6	112.6
130	77.8	64.9	120.5

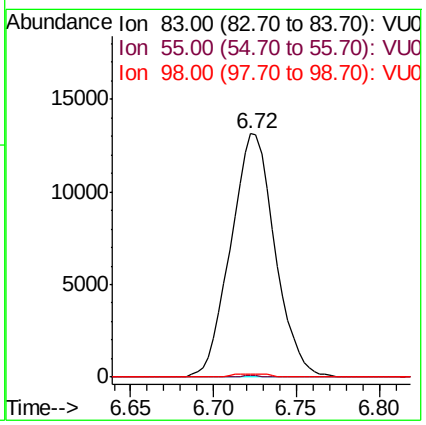


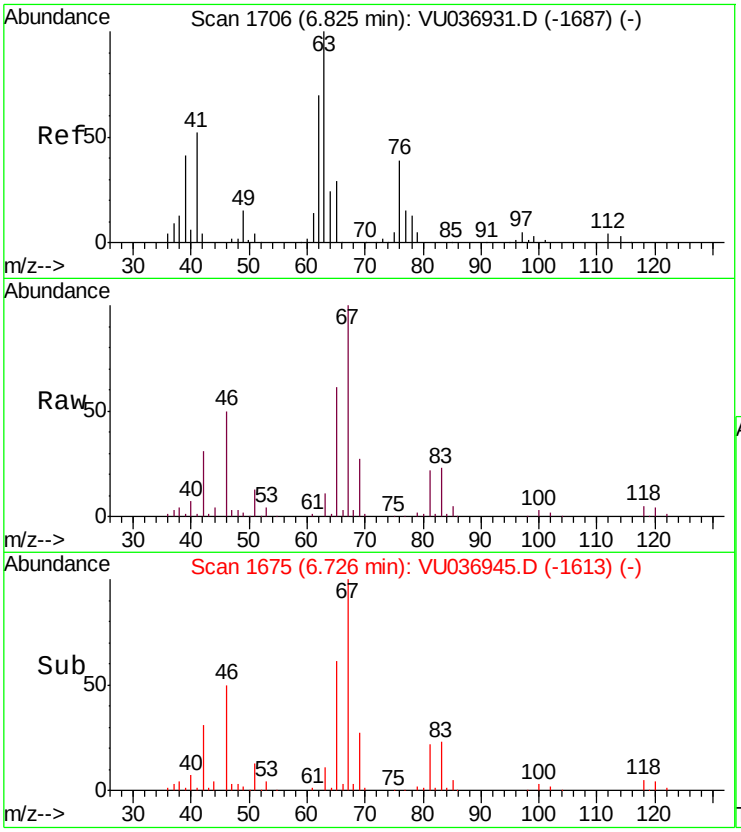


#35
Methylcyclohexane
Concen: 7.415 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036945.D
Acq: 27 Feb 2020 15:48

Tgt Ion: 83 Resp: 24320

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	93.8#
98	0.6	35.1	52.7#



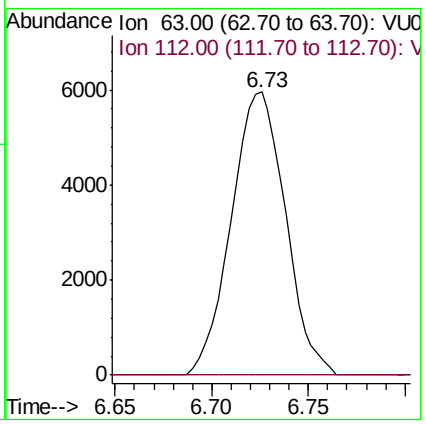


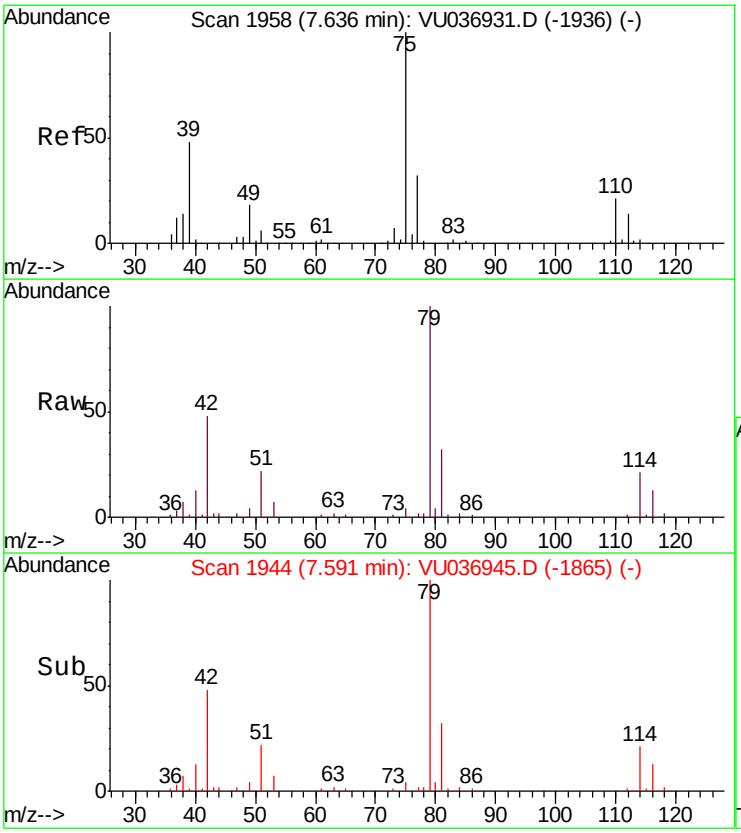
#37
1,2-Dichloropropane
Concen: 5.593 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036945.D
Acq: 27 Feb 2020 15:48

Instrument :
MSVOA_U
ClientSampleId :
C0AS7

Tgt Ion: 63 Resp: 11591

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

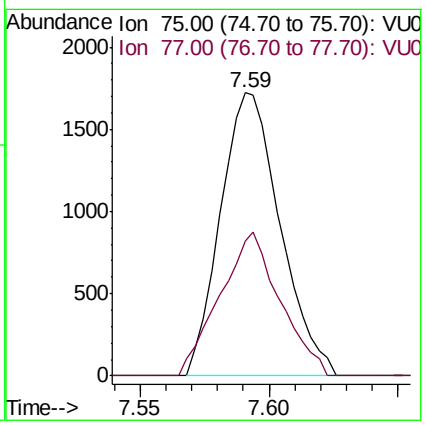


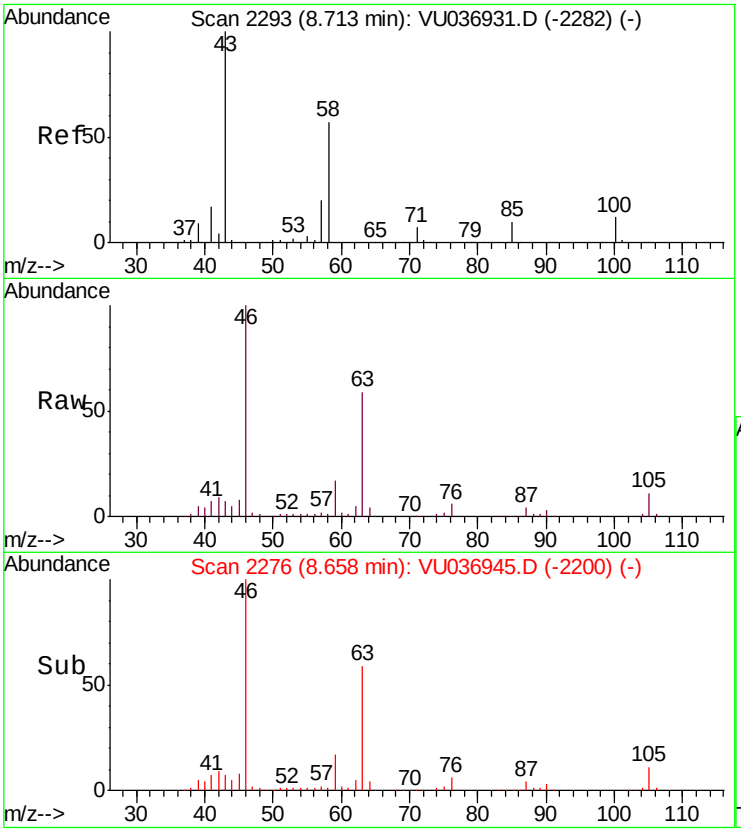


#39
cis-1,3-Dichloropropene
Concen: 0.869 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU036945.D
Acq: 27 Feb 2020 15:48

Tgt Ion: 75 Resp: 2774

Ion	Ratio	Lower	Upper
75	100		
77	47.7	22.0	41.0#



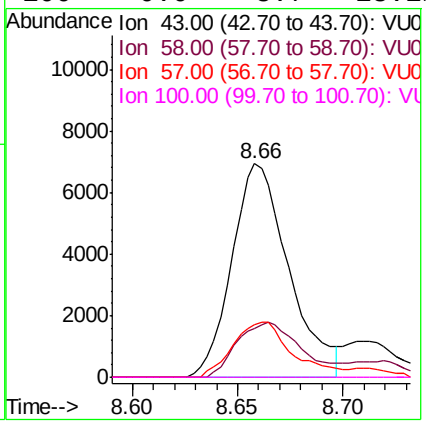


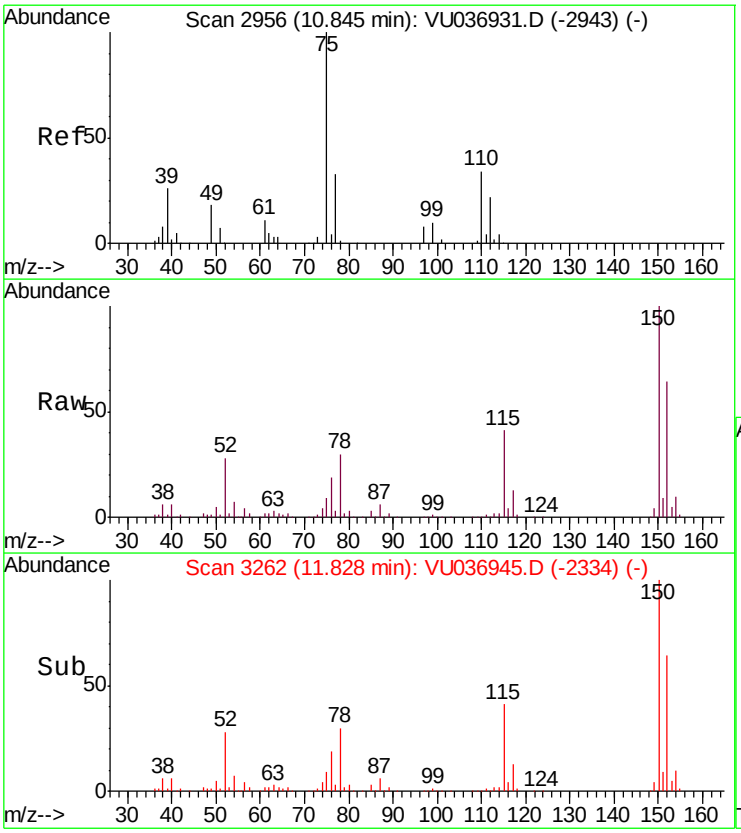
#48
2-Hexanone
Concen: 5.339 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU036945.D
Acq: 27 Feb 2020 15:48

Instrument : MSVOA_U
ClientSampleId : C0AS7

Tgt Ion: 43 Resp: 13009

Ion	Ratio	Lower	Upper
43	100		
58	29.5	43.5	65.3#
57	27.3	15.1	22.7#
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 4.943 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036945.D
Acq: 27 Feb 2020 15:48

Tgt Ion: 75 Resp: 13177

Ion	Ratio	Lower	Upper
75	100		
77	34.7	26.2	39.2