Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022820\

Quantitation Report (Not Reviewed)

Data File : VU036967.D
Acq On : 28 Feb 2020 12:51
Operator : JC/MD
Sample : L1687-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AT7

Quant Time: Feb 29 00:33:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252239	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89931	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	86859	41.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.02%			
7) Chloroethane-d5	1.93	69	79439	45.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.64%			
11) 1,1-Dichloroethene-d2	2.59	63	115003	32.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.84%			
21) 2-Butanone-d5	4.67	46	140077	98.59	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.59%			
24) Chloroform-d	5.11	84	151704	46.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.74	65	106190	48.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.02%			
32) Benzene-d6	5.76	84	333596	47.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.94%			
36) 1,2-Dichloropropane-d6	6.72	67	109999	48.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.62%			
41) Toluene-d8	7.93	98	302710	46.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.86%			
43) trans-1,3-Dichloropropene-	8.20	79	47373	44.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.54%			
47) 2-Hexanone-d5	8.66	63	104974	94.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.30%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153237	47.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.48%			
64) 1,2-Dichlorobenzene-d4	12.21	152	90533	51.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
13) Acetone	2.66	43	3588	2.455	ug/L	90
15) Methyl Acetate	2.79	43	3400	1.526	ug/L #	52
30) 1,1,1-Trichloroethane	5.35	97	11160	4.283	ug/L	95
34) Trichloroethene	6.57	95	26261	13.918	ug/L	99
35) Methylcyclohexane	6.73	83	24222	7.404	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11691	5.656	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2857	0.897	ug/L #	58
48) 2-Hexanone	8.66	43	12823	5.276	ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	13809	5.193	ug/L	95

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

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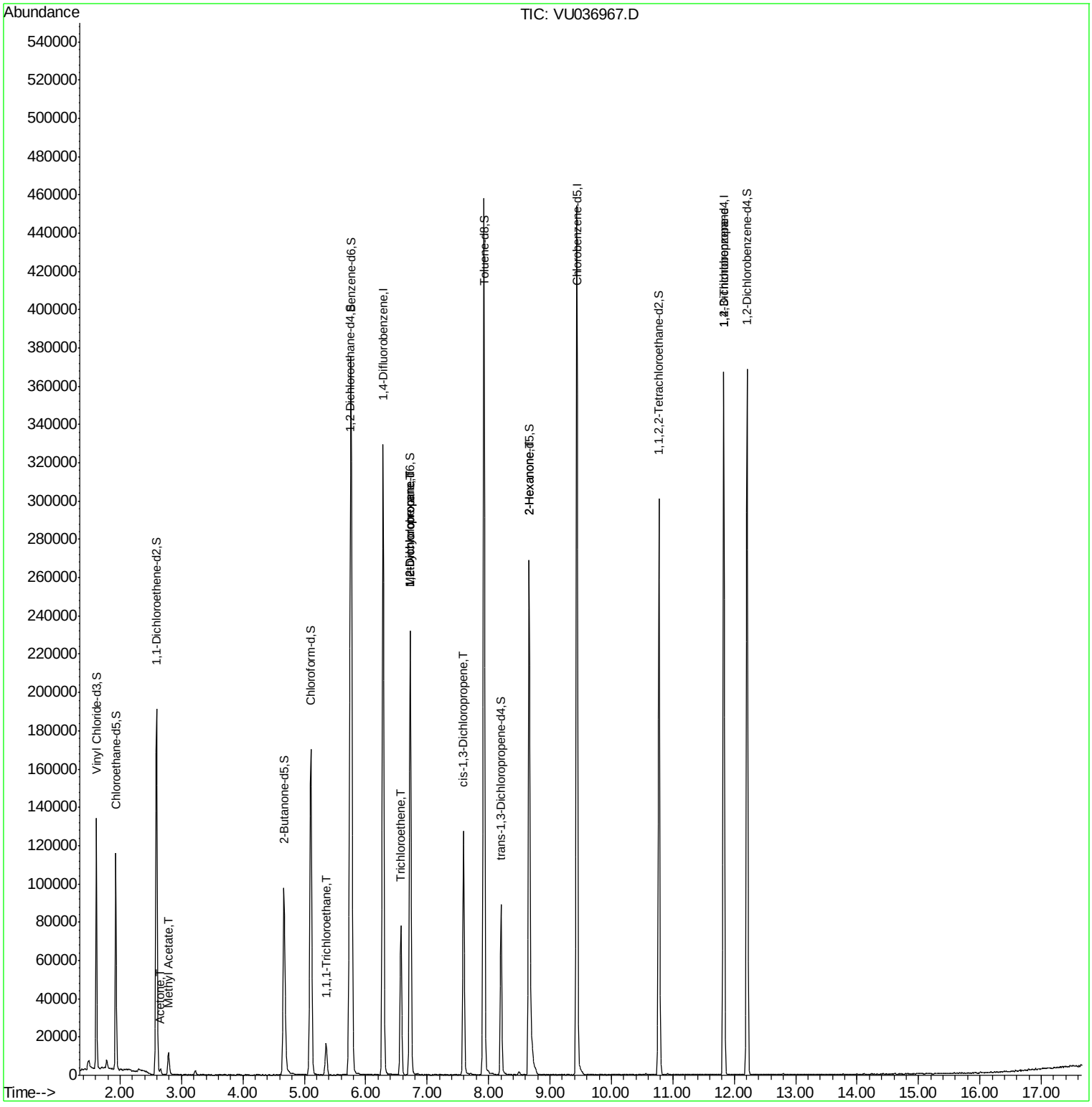
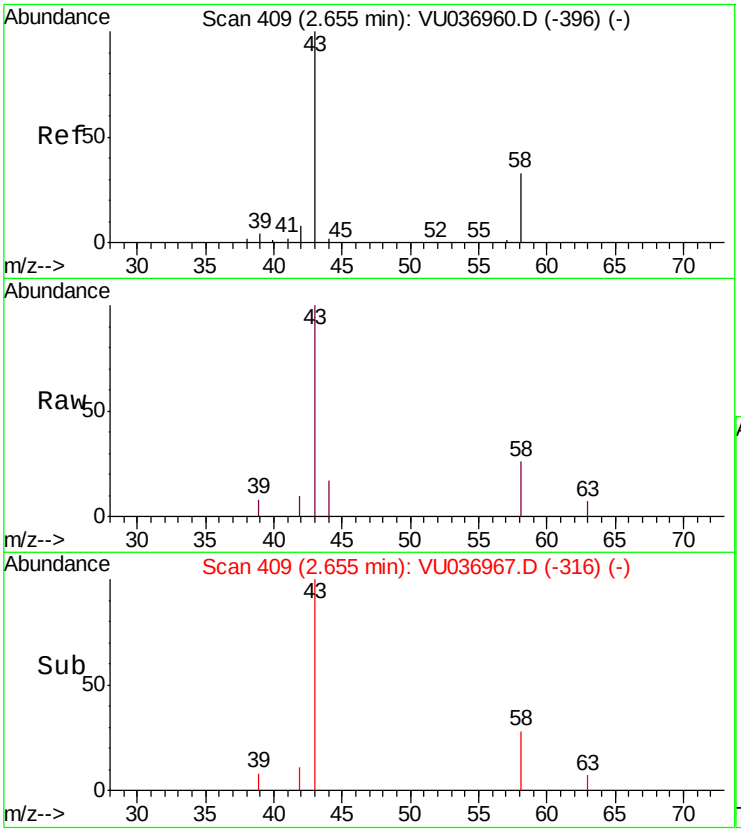
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT7

Quant Time: Feb 29 00:33:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration



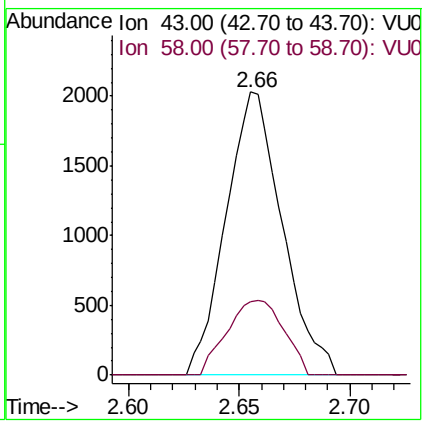


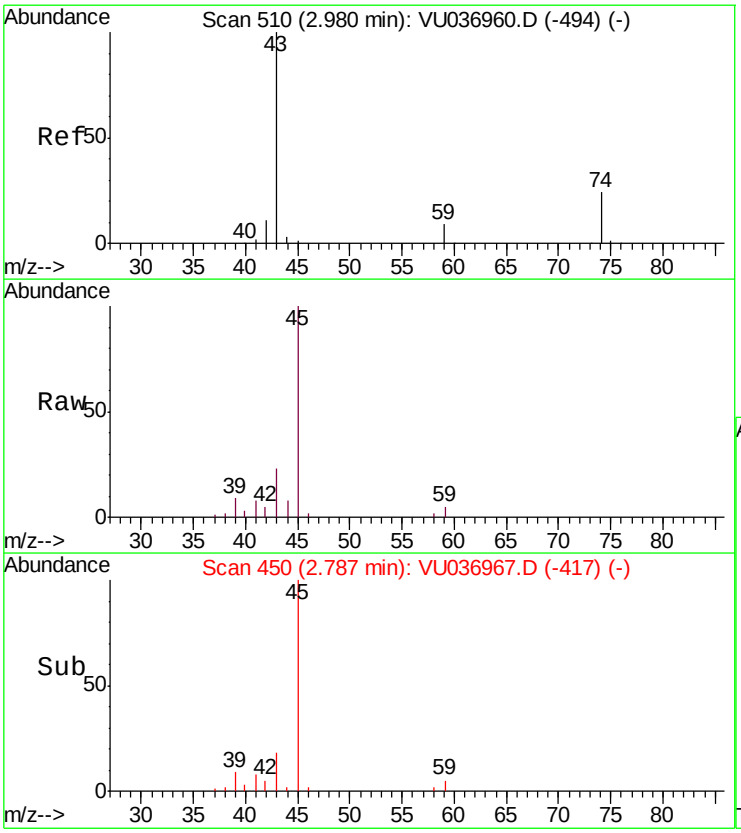
#13
Acetone
Concen: 2.455 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Instrument : MSVOA_U
ClientSampleId : C0AT7

Tgt Ion: 43 Resp: 3588

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	64.6

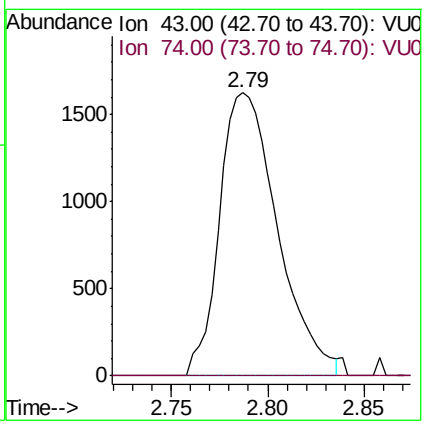


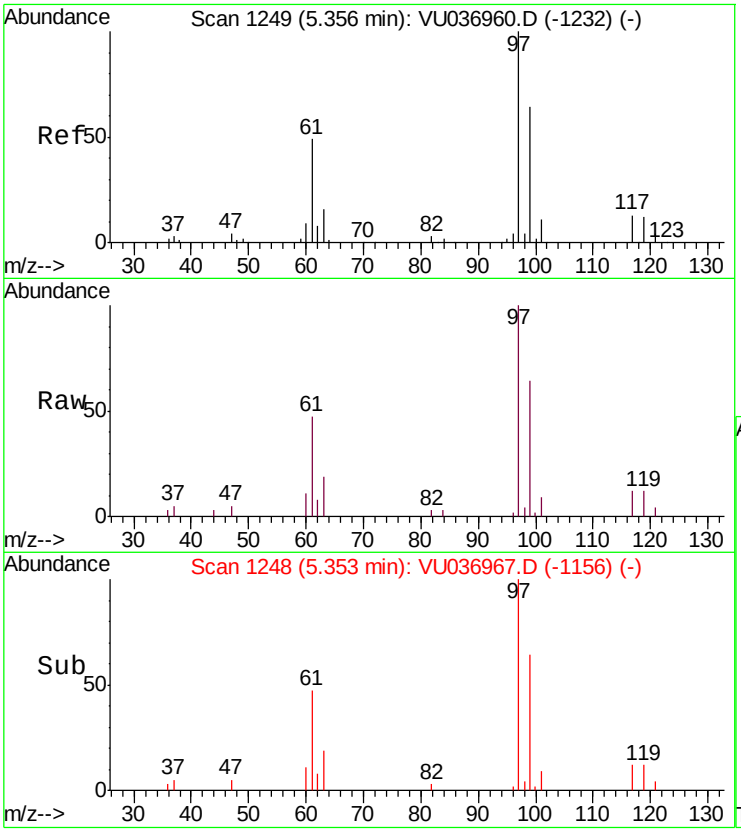


#15
Methyl Acetate
Concen: 1.526 ug/L
RT: 2.79 min Scan# 450
Delta R.T. -0.19 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Tgt Ion: 43 Resp: 3400

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.4#



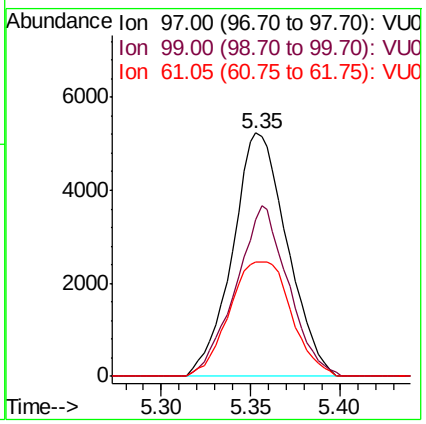


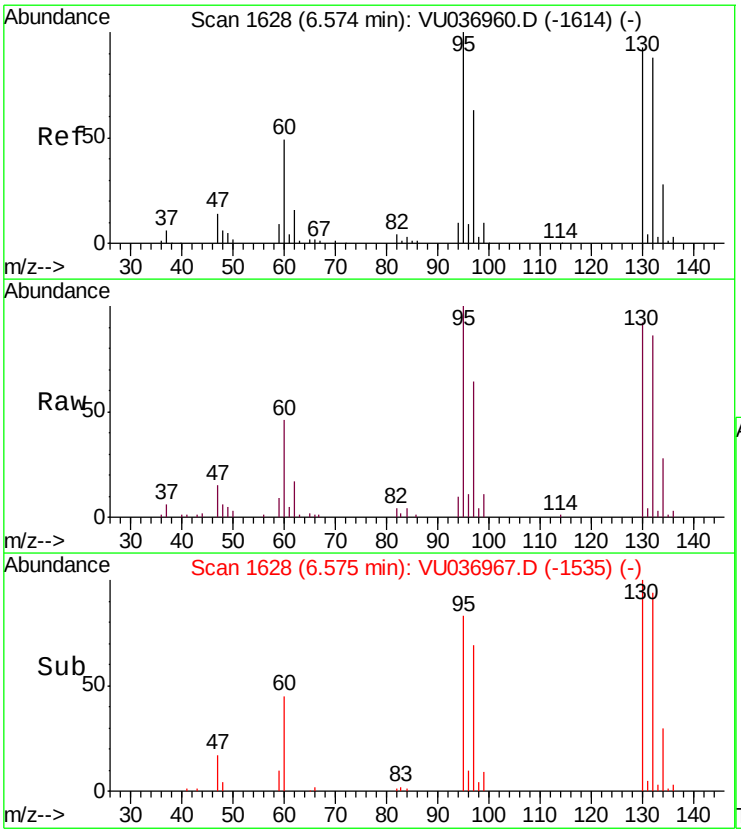
#30
1,1,1-Trichloroethane
Concen: 4.283 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Instrument : MSVOA_U
ClientSampleId : C0AT7

Tgt Ion: 97 Resp: 11160

Ion	Ratio	Lower	Upper
97	100		
99	67.4	50.4	75.6
61	53.2	40.3	60.5

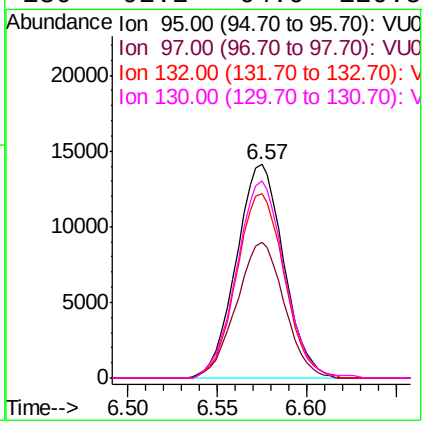


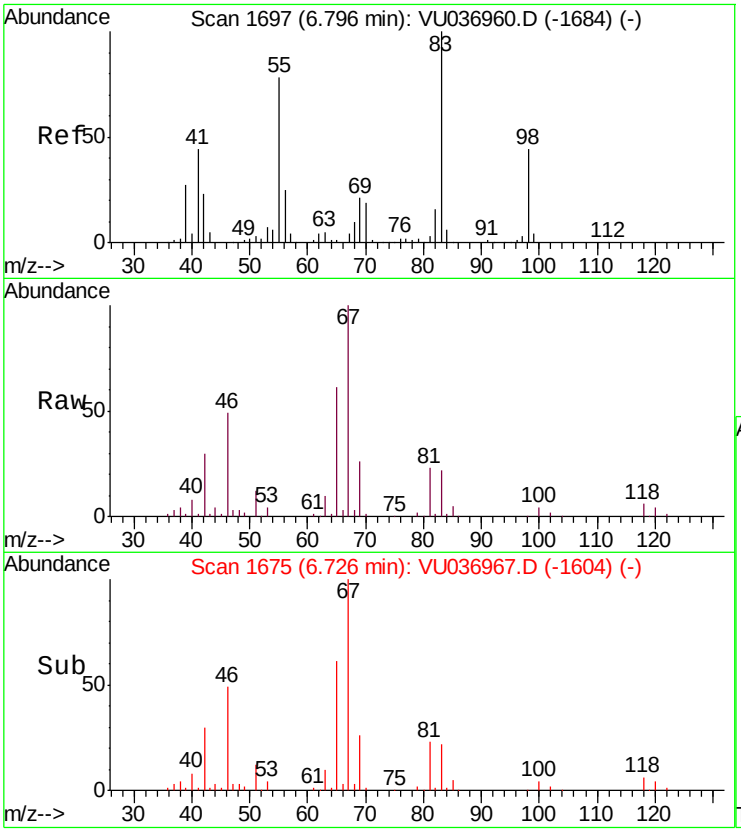


#34
Trichloroethene
Concen: 13.918 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Tgt Ion: 95 Resp: 26261

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.1	81.9
132	86.3	60.6	112.6
130	92.2	64.9	120.5



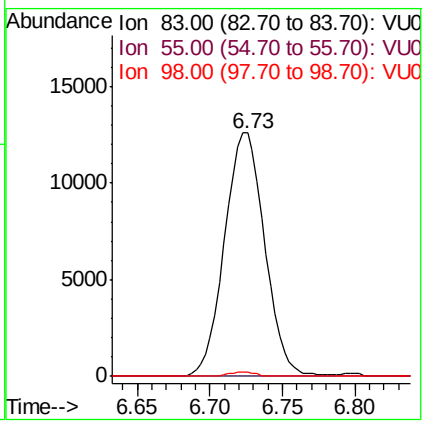


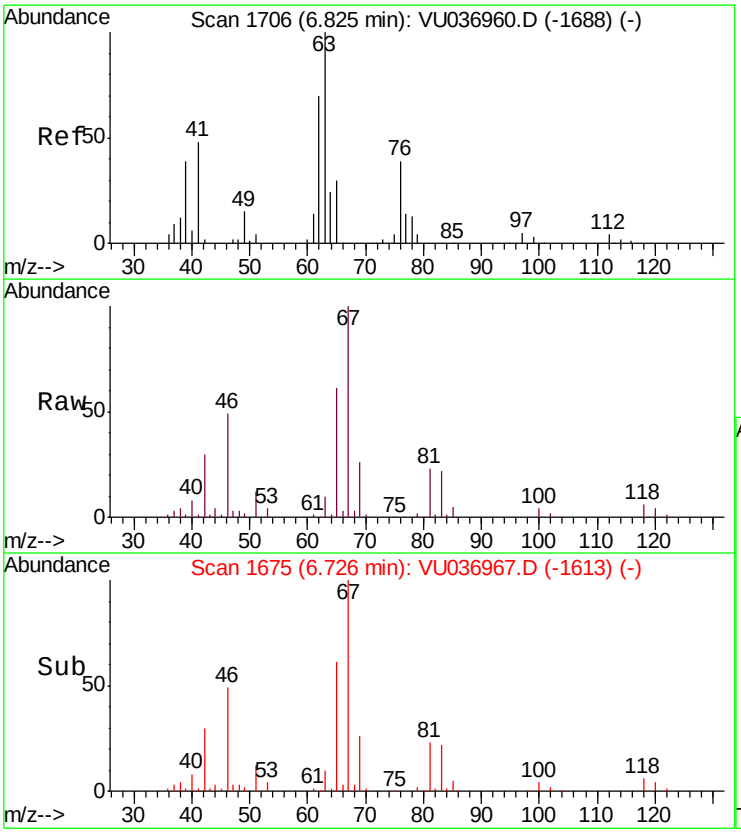
#35
Methylcyclohexane
Concen: 7.404 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Instrument : MSVOA_U
ClientSampleId : C0AT7

Tgt Ion: 83 Resp: 24222

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	93.8#
98	1.1	35.1	52.7#

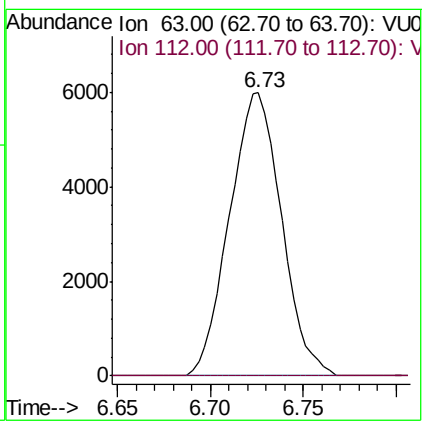


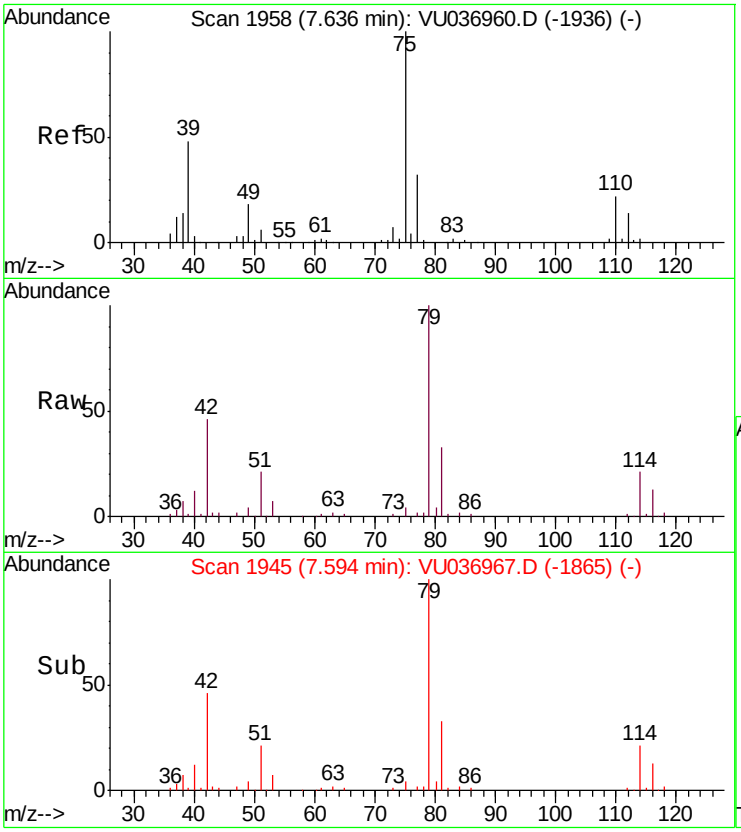


#37
1,2-Dichloropropane
Concen: 5.656 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Tgt Ion: 63 Resp: 11691

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



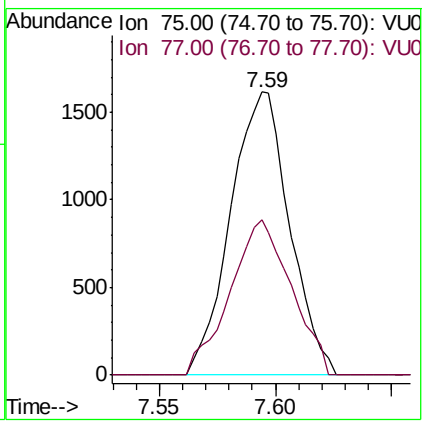


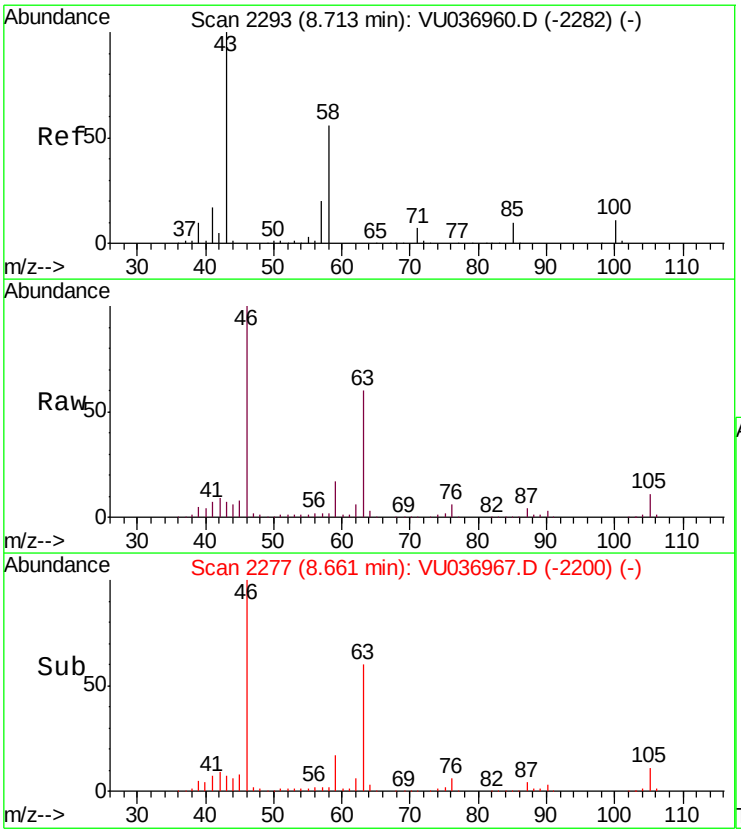
#39
cis-1,3-Dichloropropene
Concen: 0.897 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Instrument : MSVOA_U
ClientSampleId : C0AT7

Tgt Ion: 75 Resp: 2857

Ion	Ratio	Lower	Upper
75	100		
77	54.7	22.0	41.0#

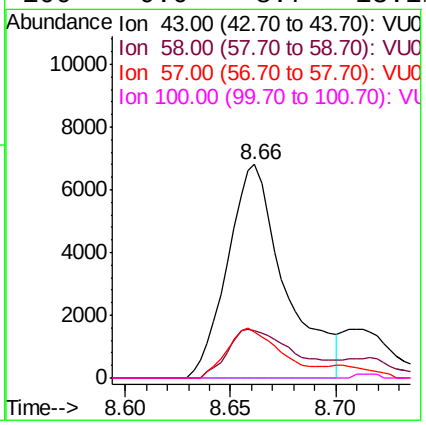


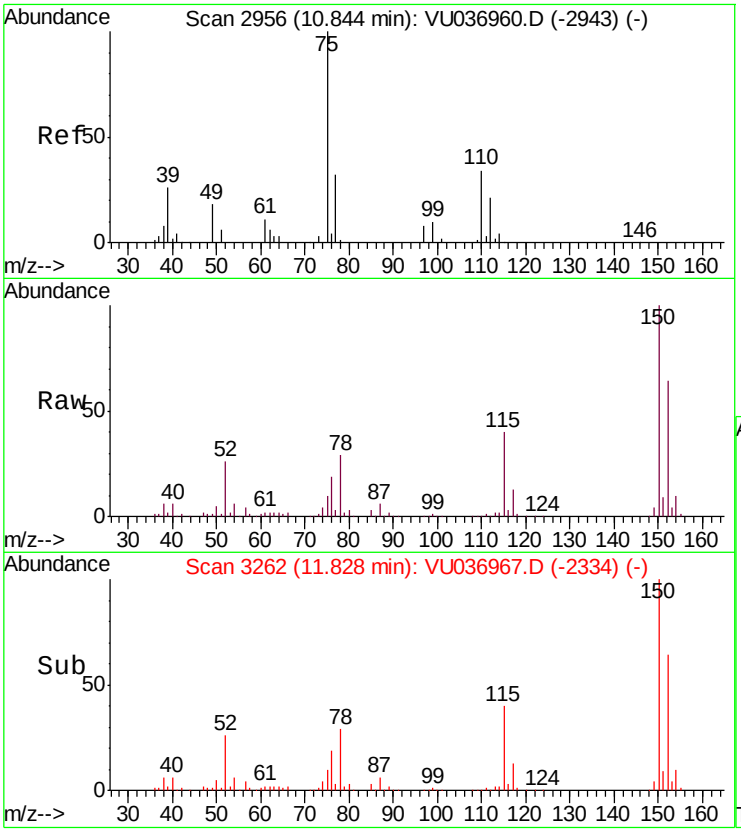


#48
2-Hexanone
Concen: 5.276 ug/L
RT: 8.66 min Scan# 2277
Delta R.T. -0.05 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Tgt Ion: 43 Resp: 12823

Ion	Ratio	Lower	Upper
43	100		
58	27.3	43.5	65.3#
57	21.8	15.1	22.7
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 5.193 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036967.D
Acq: 28 Feb 2020 12:51

Instrument :
MSVOA_U
ClientSampleId :
C0AT7

Tgt Ion: 75 Resp: 13809

Ion	Ratio	Lower	Upper
75	100		
77	35.6	26.2	39.2