Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032113.D
Acq On : 17 May 2019 20:17
Operator : JC/SP
Sample : K2850-04DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Quant Time: May 18 04:14:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	368233	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	374387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	146784	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	120491	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.68	69	99707	3.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.20%			
11) 1,1-Dichloroethene-d2	2.27	63	170618	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	4.21	46	280276	46.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.06%			
24) Chloroform-d	4.64	84	233452	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	5.31	65	121498	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
32) Benzene-d6	5.33	84	471820	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
36) 1,2-Dichloropropane-d6	6.33	67	134647	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.60%			
41) Toluene-d8	7.56	98	381276	3.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.80%			
43) trans-1,3-Dichloropropene-	7.85	79	47690	3.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.40%			
46) 2-Hexanone-d5	8.31	63	237867	43.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124065	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	147785	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	2311	0.131	ug/L	97
13) Acetone	2.33	43	4336	2.169	ug/L	93
16) Methylene chloride	2.69	84	2427	0.138	ug/L	85
17) Methyl tert-butyl Ether	3.00	73	756945	21.773	ug/L	95
35) Methylcyclohexane	6.32	83	34750	1.548	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	14881	1.059	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3412	0.176	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1740	0.115	ug/L #	42
48) 2-Hexanone	8.37	43	9984	1.975	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	15647	1.753	ug/L	89

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

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Quantitation Report (Not Reviewed)

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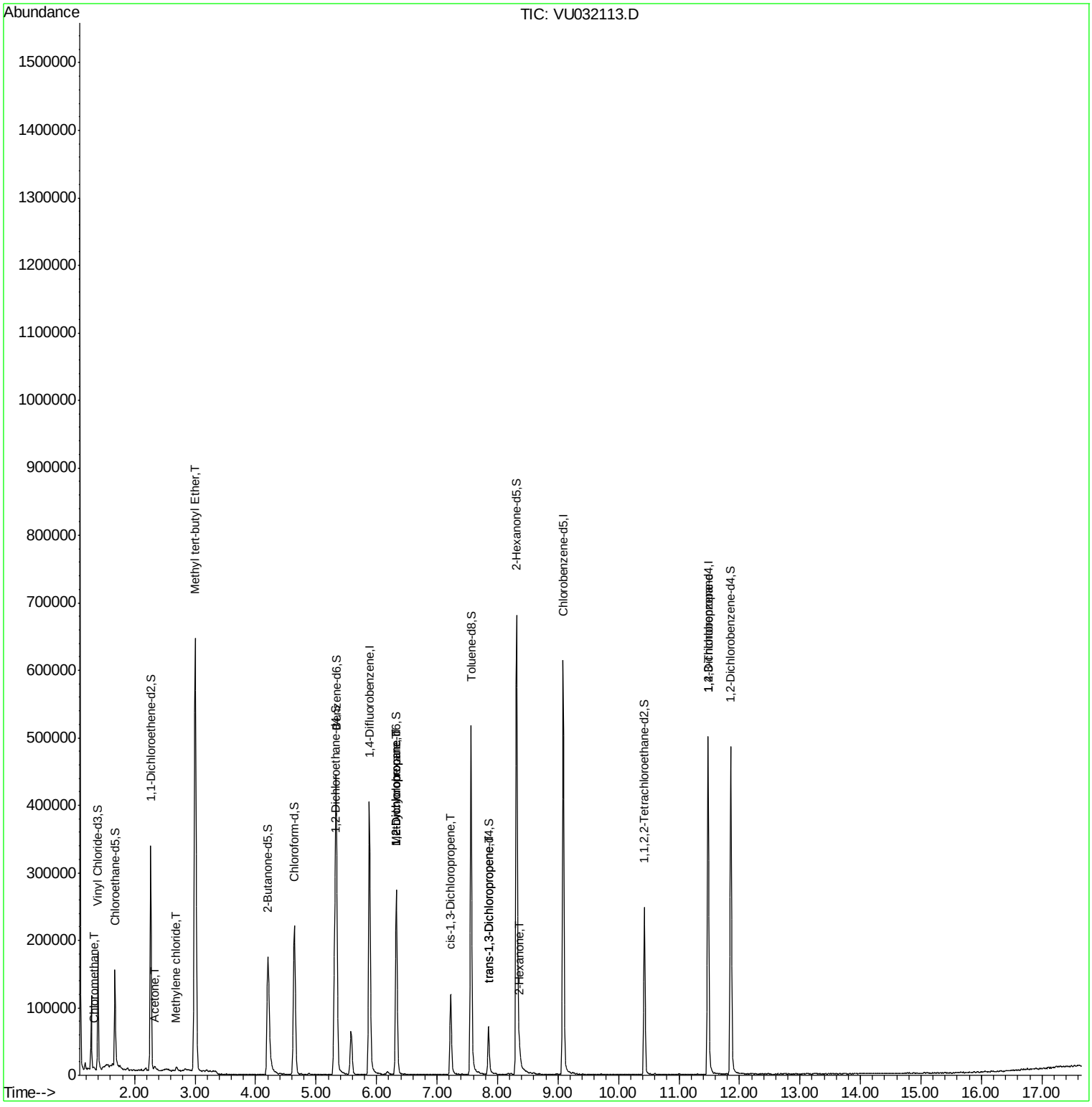
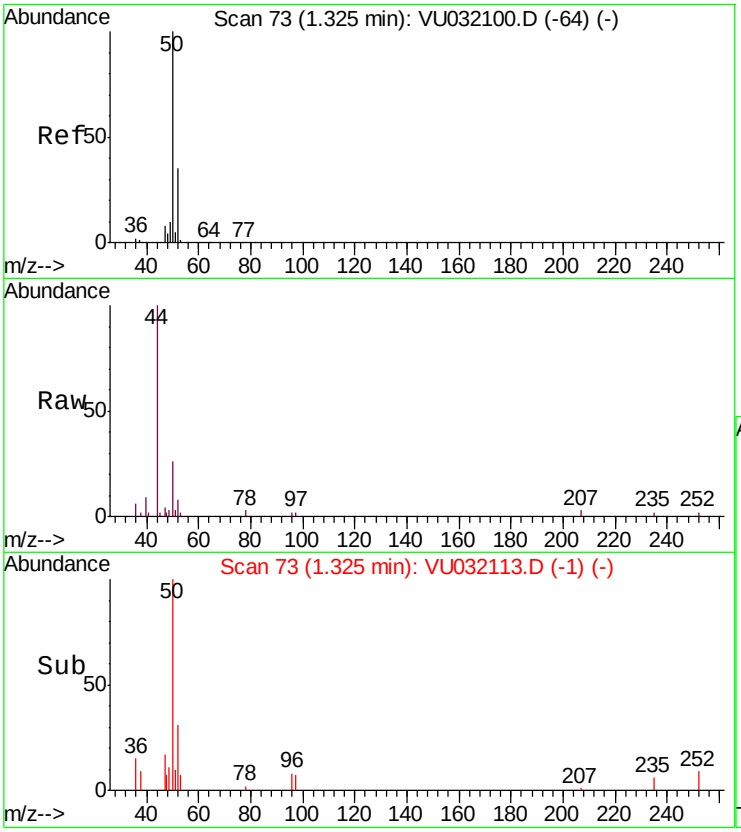
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Quant Time: May 18 04:14:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration



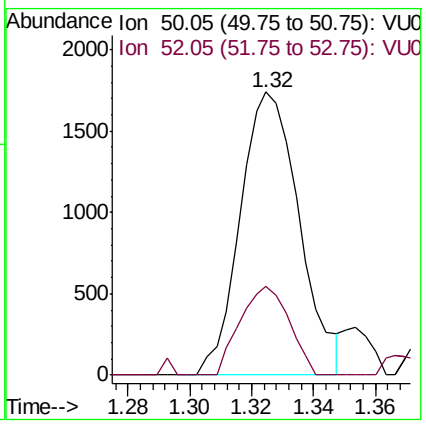


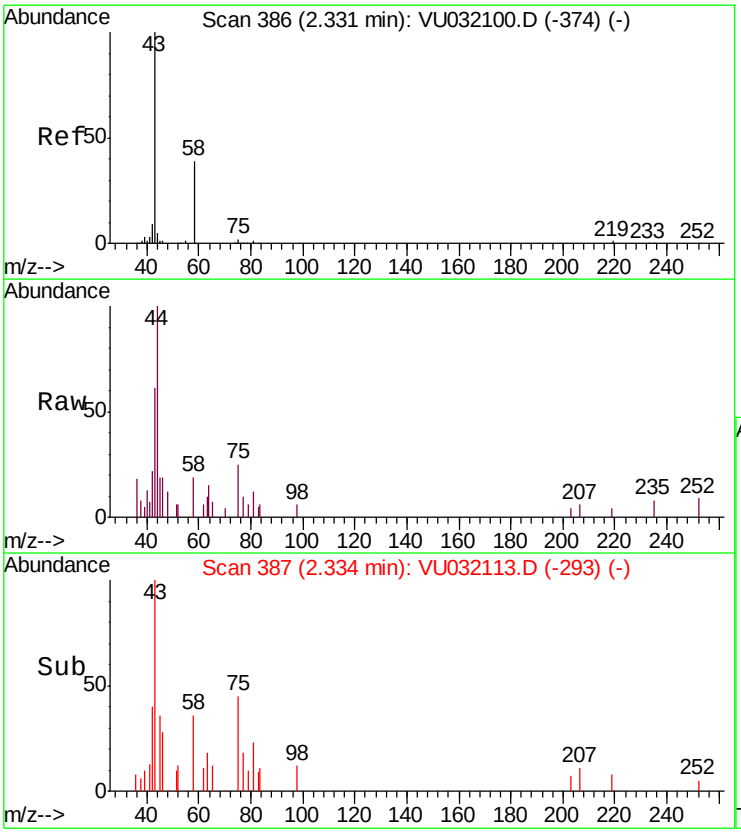
#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Instrument :
MSVOA_U
ClientSampleId :
F9W04DL

Tgt Ion: 50 Resp: 2311

Ion	Ratio	Lower	Upper
50	100		
52	31.4	23.2	43.0

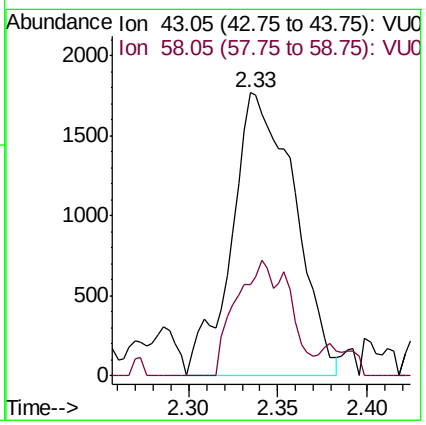


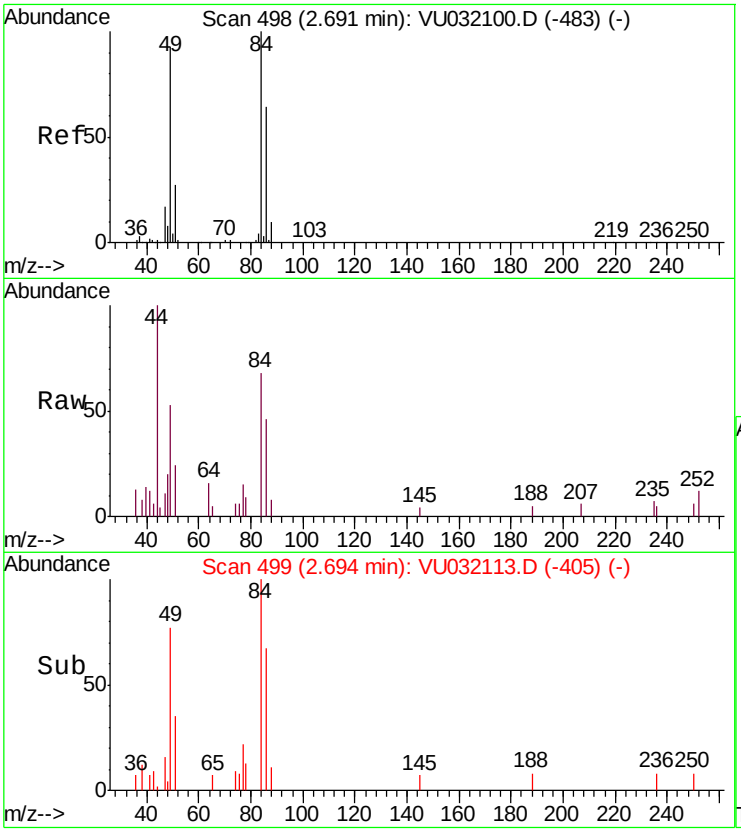


#13
Acetone
Concen: 2.169 ug/L
RT: 2.33 min Scan# 387
Delta R.T. 0.00 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Tgt Ion: 43 Resp: 4336

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	78.8



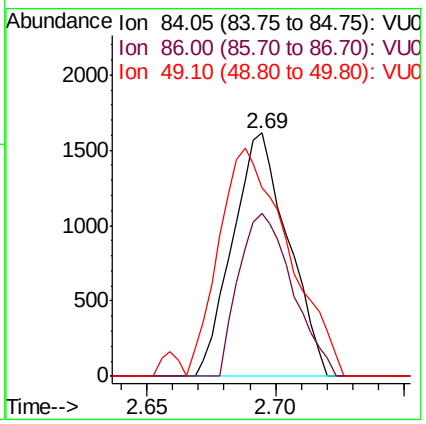


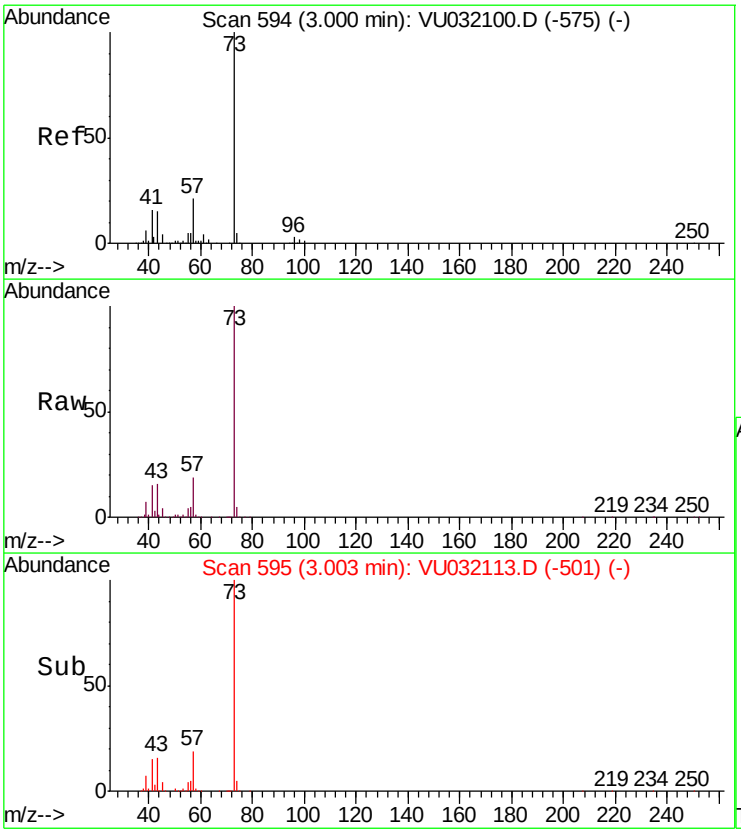
#16
Methylene chloride
Concen: 0.138 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Tgt Ion: 84 Resp: 2427

Ion	Ratio	Lower	Upper
84	100		
86	66.8	43.1	80.1
49	77.2	67.7	125.7

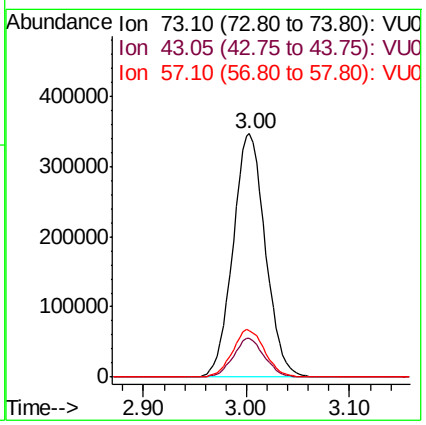


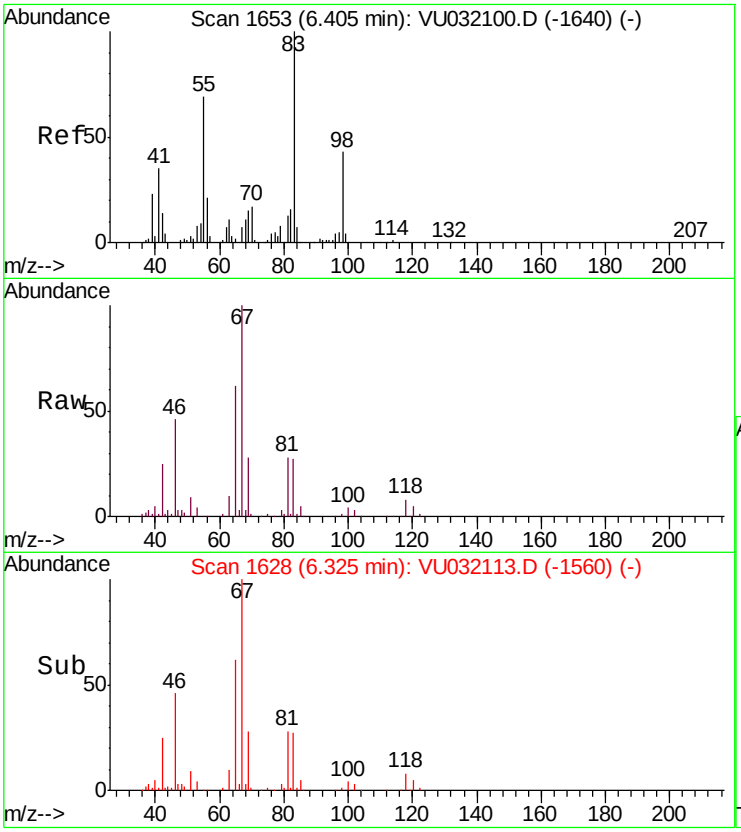


#17
Methyl tert-butyl Ether
Concen: 21.773 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Tgt Ion: 73 Resp: 756945

Ion	Ratio	Lower	Upper
73	100		
43	15.3	13.0	19.6
57	19.4	17.9	26.9



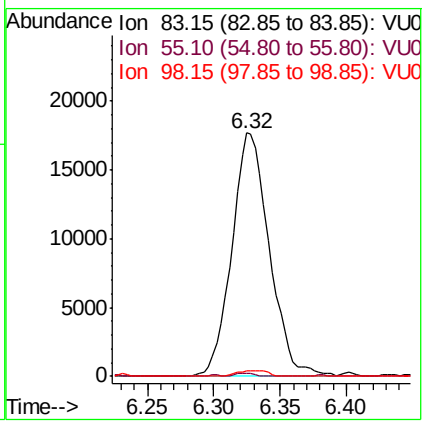


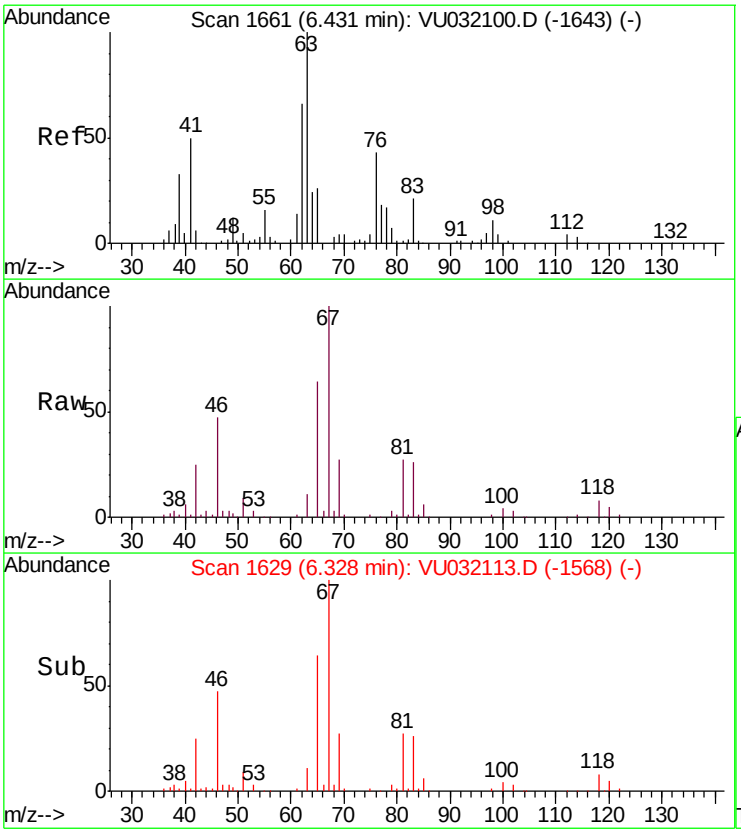
#35
Methylcyclohexane
Concen: 1.548 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Tgt Ion: 83 Resp: 34750

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.7	89.5#
98	1.9	36.8	55.2#

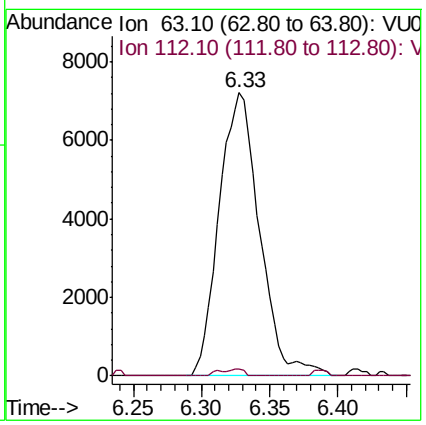


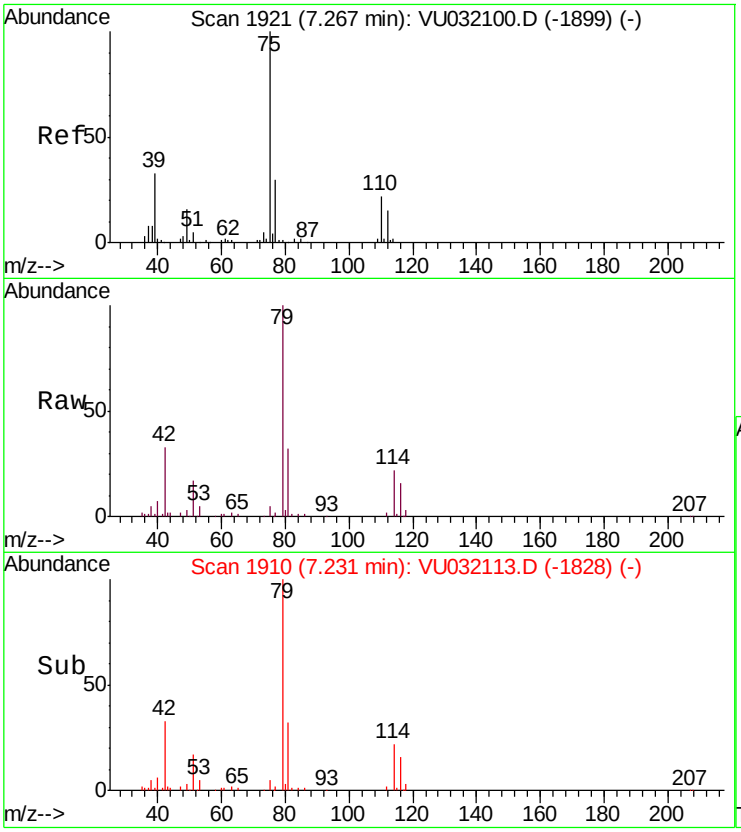


#37
1,2-Dichloropropane
Concen: 1.059 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Tgt Ion: 63 Resp: 14881

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.8	5.6#



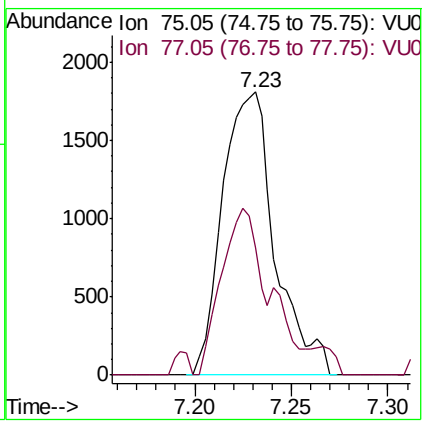


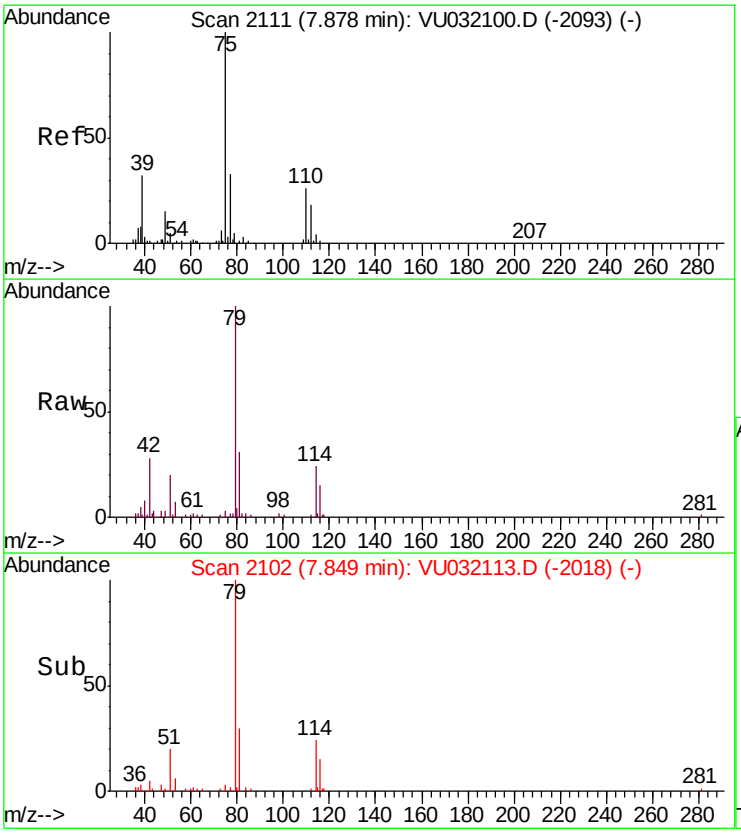
#39
cis-1,3-Dichloropropene
Concen: 0.176 ug/L
RT: 7.23 min Scan# 1910
Delta R.T. -0.04 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Instrument :
MSVOA_U
ClientSampleId :
F9W04DL

Tgt Ion: 75 Resp: 3412

Ion	Ratio	Lower	Upper
75	100		
77	45.1	21.7	40.3#

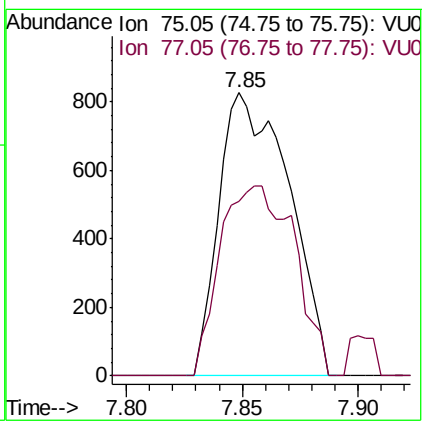


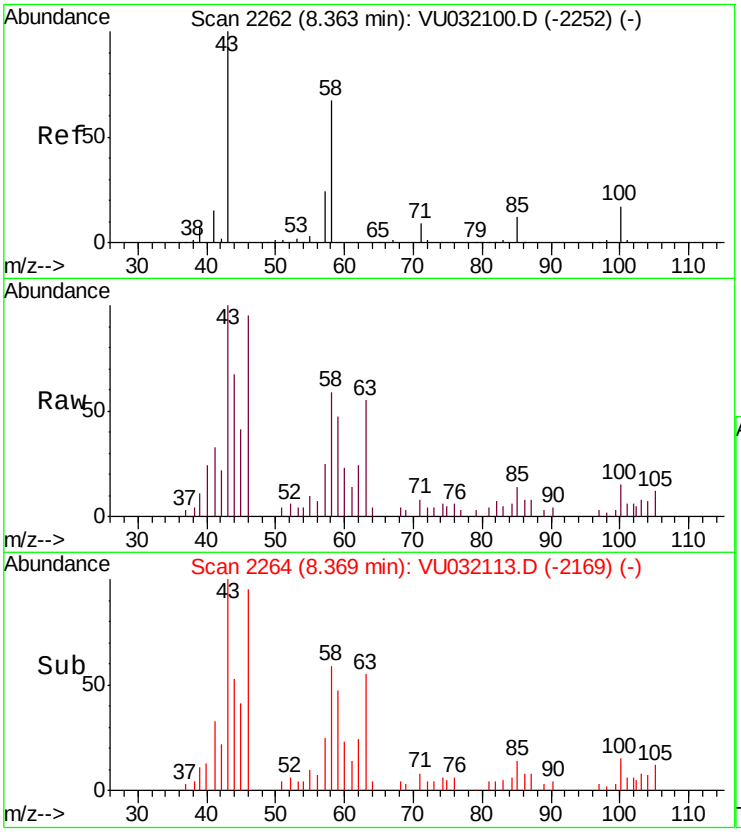


#44
trans-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Tgt Ion: 75 Resp: 1740

Ion	Ratio	Lower	Upper
75	100		
77	61.7	21.0	39.0#



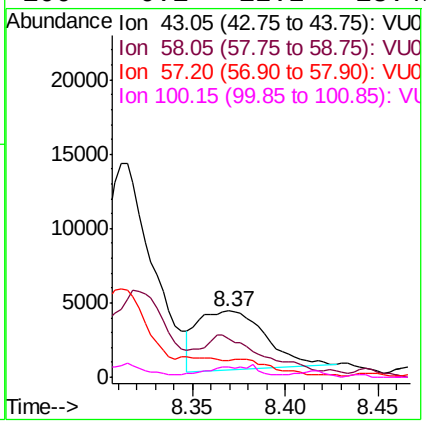


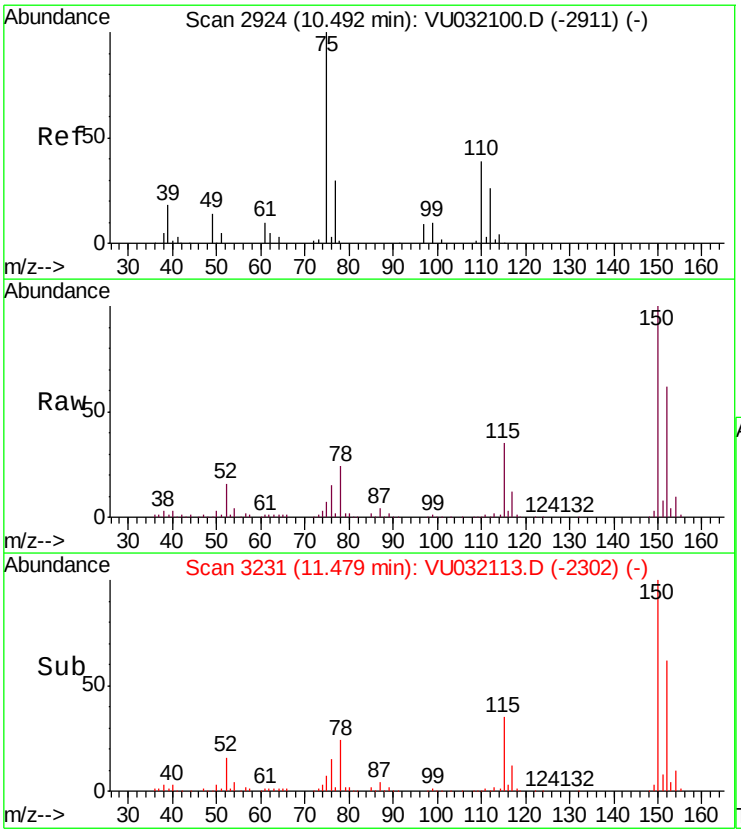
#48
2-Hexanone
Concen: 1.975 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Instrument : MSVOA_U
ClientSampleId : F9W04DL

Tgt Ion: 43 Resp: 9984

Ion	Ratio	Lower	Upper
43	100		
58	53.3	51.6	77.4
57	0.0	18.4	27.6#
100	6.1	12.2	18.4#





#59
1,2,3-Trichloropropane
Concen: 1.753 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032113.D
Acq: 17 May 2019 20:17

Tgt Ion: 75 Resp: 15647

Ion	Ratio	Lower	Upper
75	100		
77	39.1	26.2	39.2