Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\

Quantitation Report (Not Reviewed)

Data File : VU032682.D
Acq On : 13 Jun 2019 10:32
Operator : JC/SP
Sample : K3286-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ0

Quant Time: Jun 14 01:28:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	176522	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83495	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	42482	37.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.18%			
7) Chloroethane-d5	1.68	69	37611	40.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.74%			
11) 1,1-Dichloroethene-d2	2.27	63	67789	30.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.46%			
21) 2-Butanone-d5	4.17	46	108543	113.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.25%			
24) Chloroform-d	4.64	84	98504	46.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.24%			
26) 1,2-Dichloroethane-d4	5.31	65	67263	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.98%			
32) Benzene-d6	5.33	84	189239	42.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.06%			
36) 1,2-Dichloropropane-d6	6.32	67	64542	45.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.44%			
41) Toluene-d8	7.56	98	172523	40.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.82%			
43) trans-1,3-Dichloropropene-	7.85	79	29246	43.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.58%			
47) 2-Hexanone-d5	8.31	63	75174	109.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99445	48.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.24%			
64) 1,2-Dichlorobenzene-d4	11.85	152	76229	47.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.34%			
Target Compounds						Qvalue
13) Acetone	2.32	43	9527	9.634	ug/L	97
16) Methylene chloride	2.70	84	3254	2.723	ug/L	93
27) 1,2-Dichloroethane	5.34	62	1095	0.649	ug/L #	75
34) Trichloroethene	6.19	95	675	0.509	ug/L	89
35) Methylcyclohexane	6.32	83	14565	6.787	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	7261	5.622	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2113	1.037	ug/L #	82
40) 4-Methyl-2-pentanone	7.41	43	41747	20.090	ug/L #	51
42) Toluene	7.64	91	1895	0.355	ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	1368	0.756	ug/L	93
48) 2-Hexanone	8.31	43	12302	7.208	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	10607	6.317	ug/L	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061319\

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ClientSampleId :
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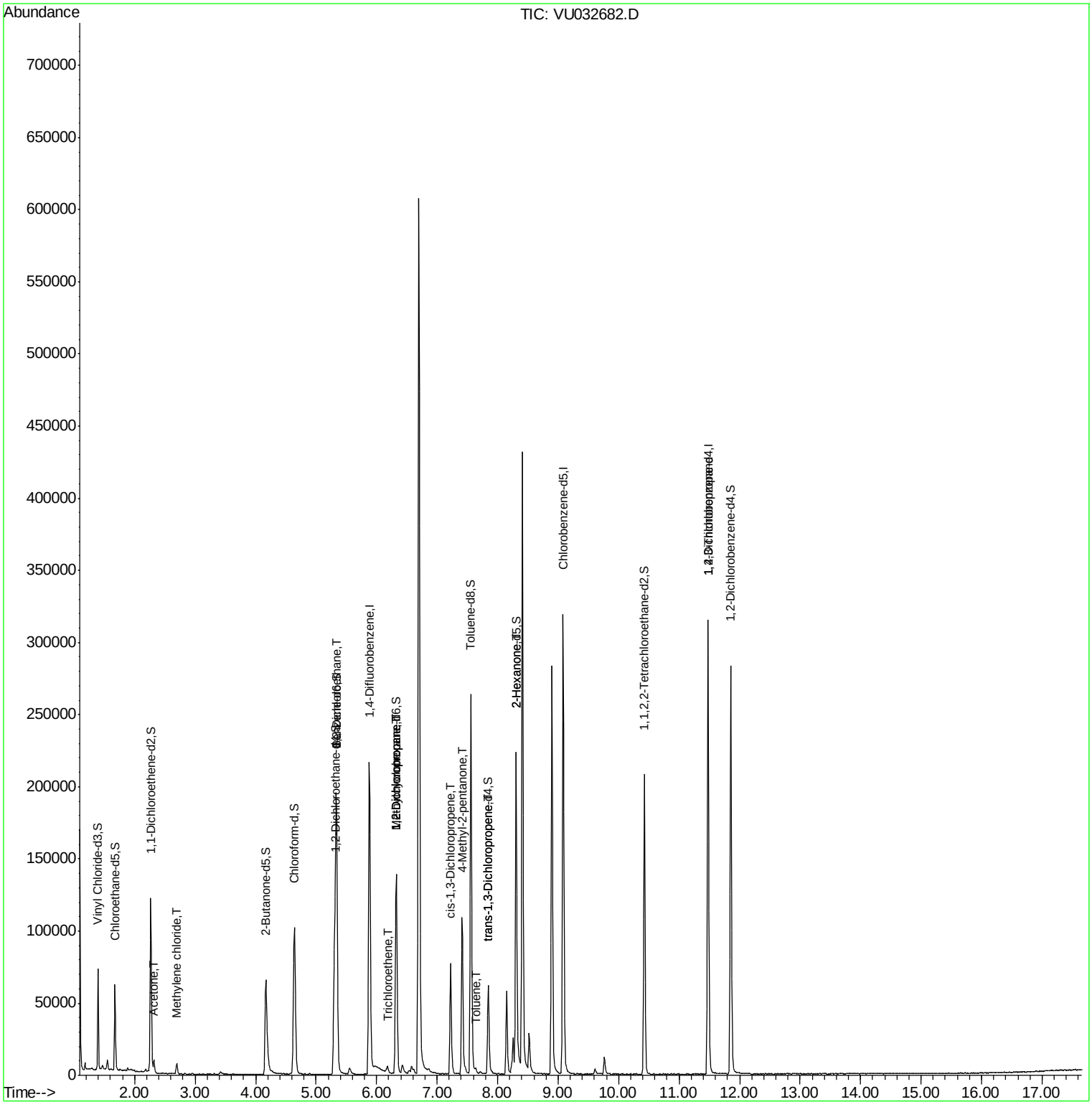
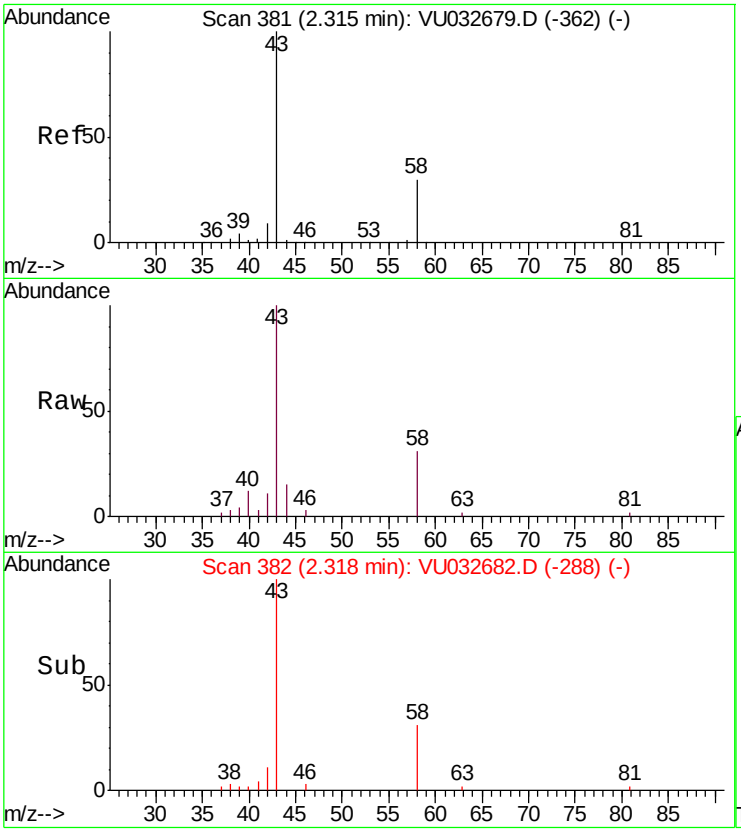
Quant Time: Jun 14 01:28:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration



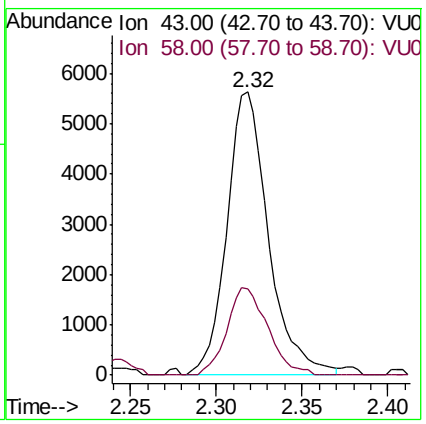


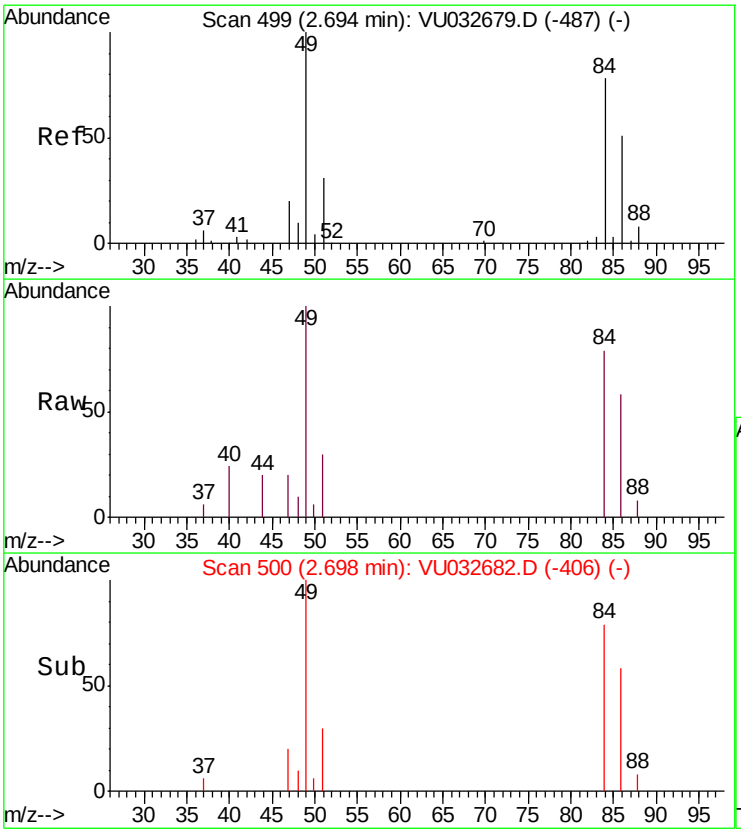
#13
Acetone
Concen: 9.634 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
C0JQ0

Tgt Ion: 43 Resp: 9527

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	64.0

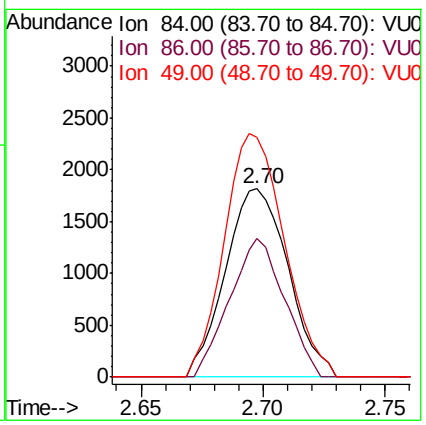


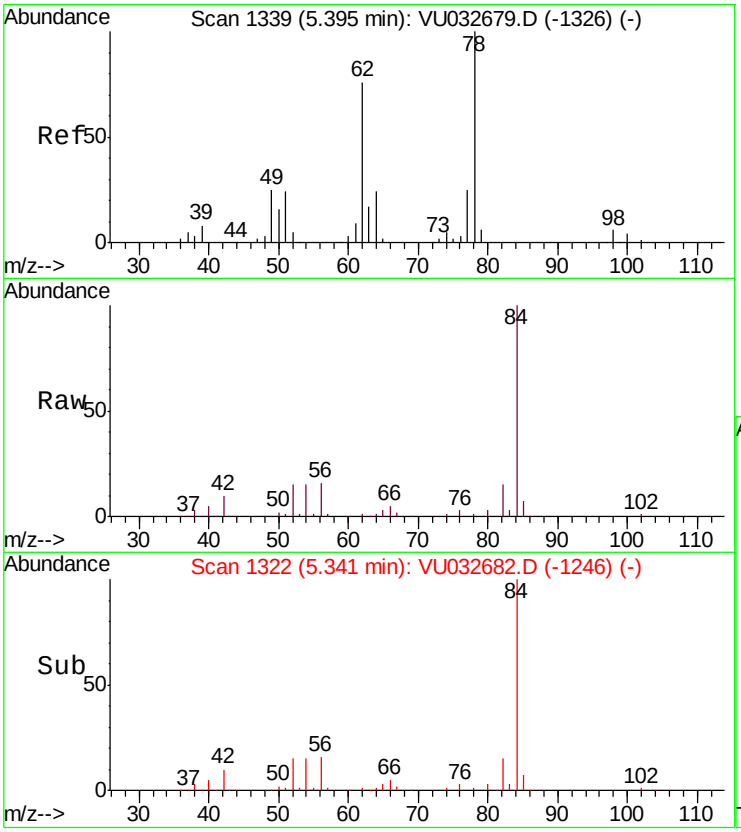


#16
Methylene chloride
Concen: 2.723 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Tgt Ion: 84 Resp: 3254

Ion	Ratio	Lower	Upper
84	100		
86	73.5	44.7	82.9
49	127.0	86.1	159.9



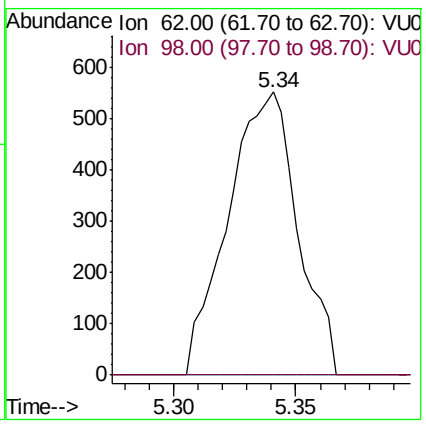


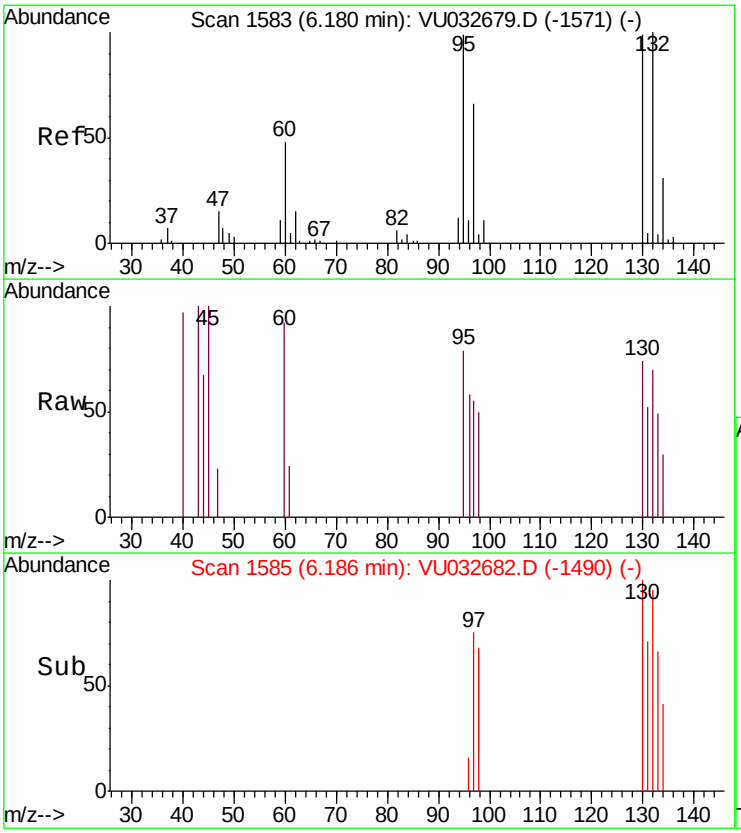
#27
1,2-Dichloroethane
Concen: 0.649 ug/L
RT: 5.34 min Scan# 1322
Delta R.T. -0.05 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Instrument : MSVOA_U
ClientSampleId : C0JQ0

Tgt Ion: 62 Resp: 1095

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

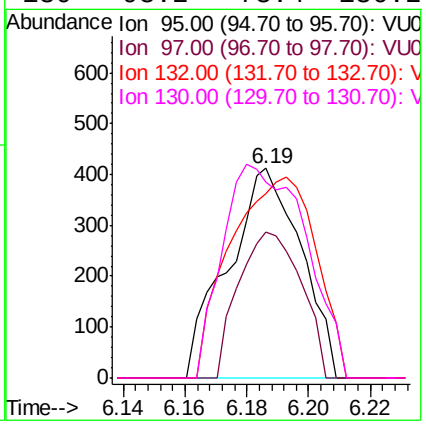


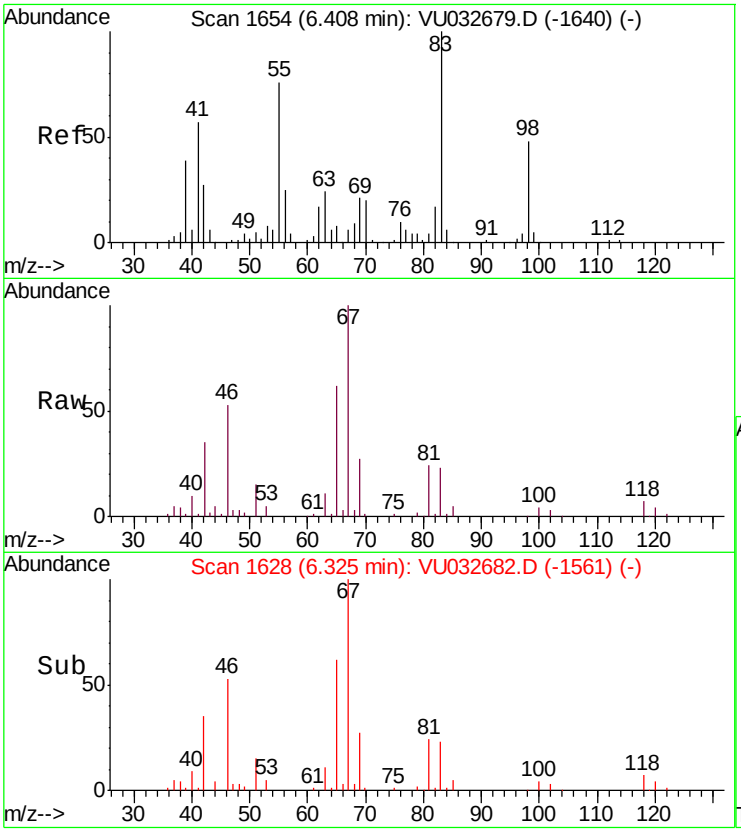


#34
Trichloroethene
Concen: 0.509 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Tgt Ion: 95 Resp: 675

Ion	Ratio	Lower	Upper
95	100		
97	69.9	45.8	85.2
132	88.1	71.0	131.8
130	93.2	73.4	136.2



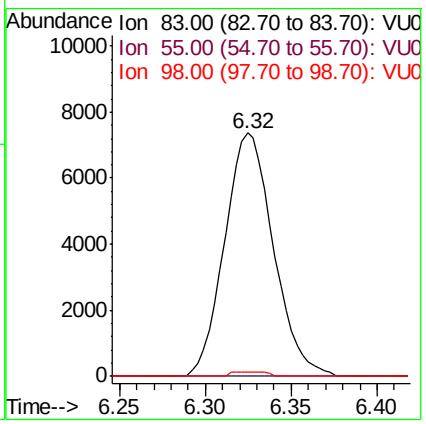


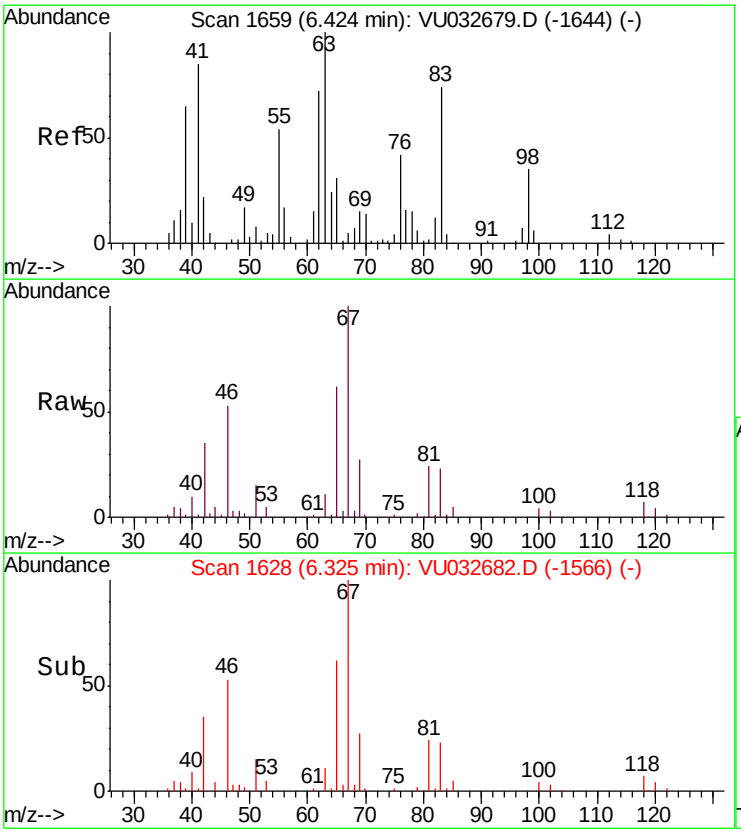
#35
Methylcyclohexane
Concen: 6.787 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Instrument : MSVOA_U
ClientSampleId : C0JQ0

Tgt Ion: 83 Resp: 14565

Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.2	90.4#
98	0.8	37.4	56.2#

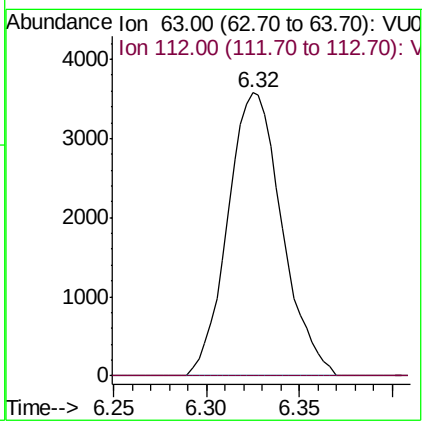


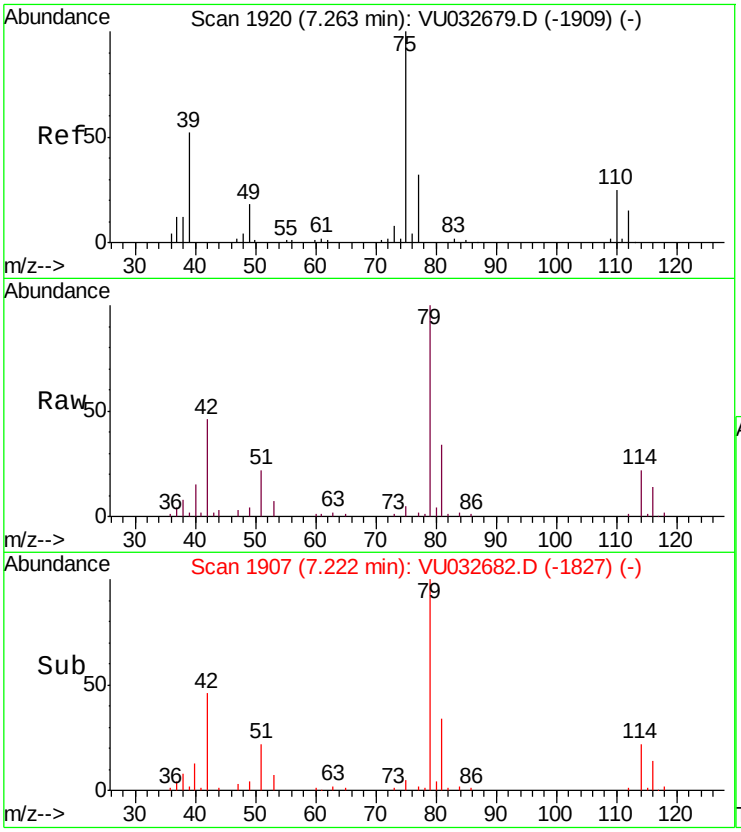


#37
1,2-Dichloropropane
Concen: 5.622 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Tgt Ion: 63 Resp: 7261

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



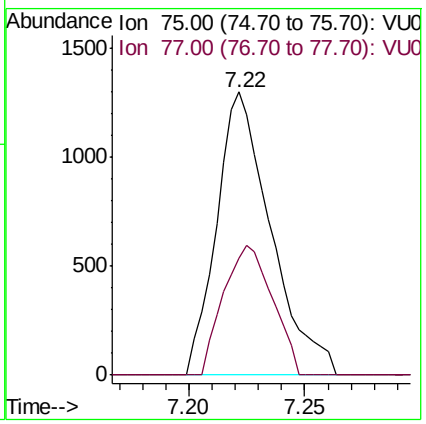


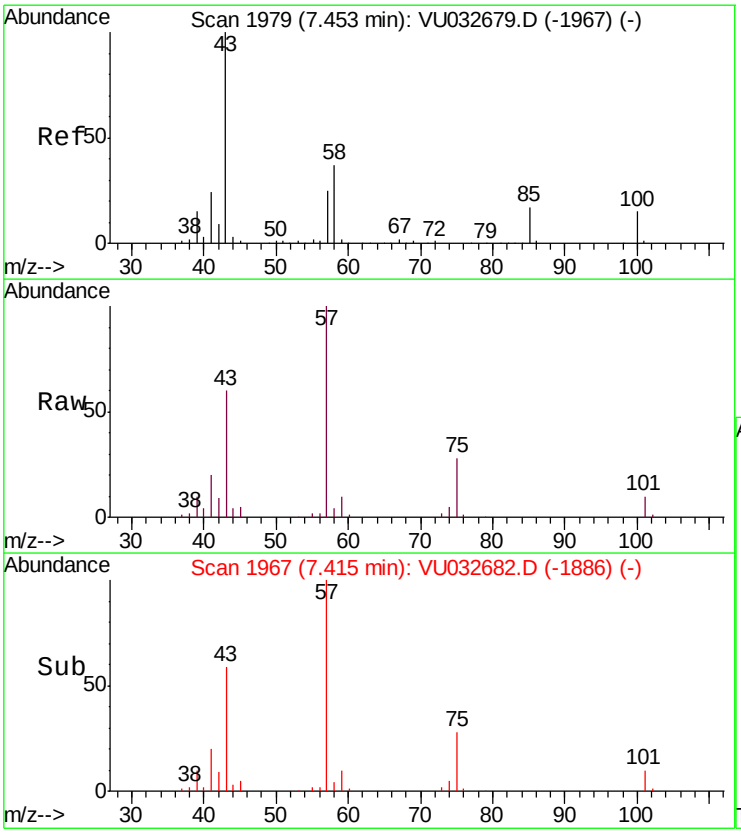
#39
cis-1,3-Dichloropropene
Concen: 1.037 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Instrument : MSVOA_U
ClientSampleId : C0JQ0

Tgt Ion: 75 Resp: 2113

Ion	Ratio	Lower	Upper
75	100		
77	41.4	22.0	41.0#

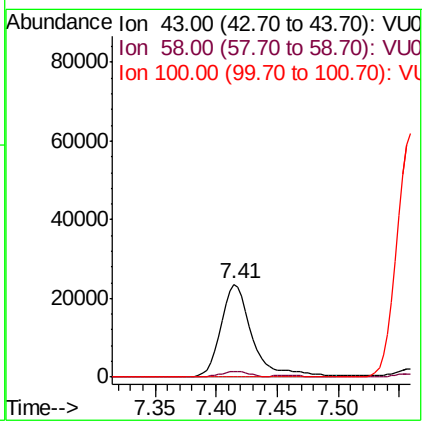


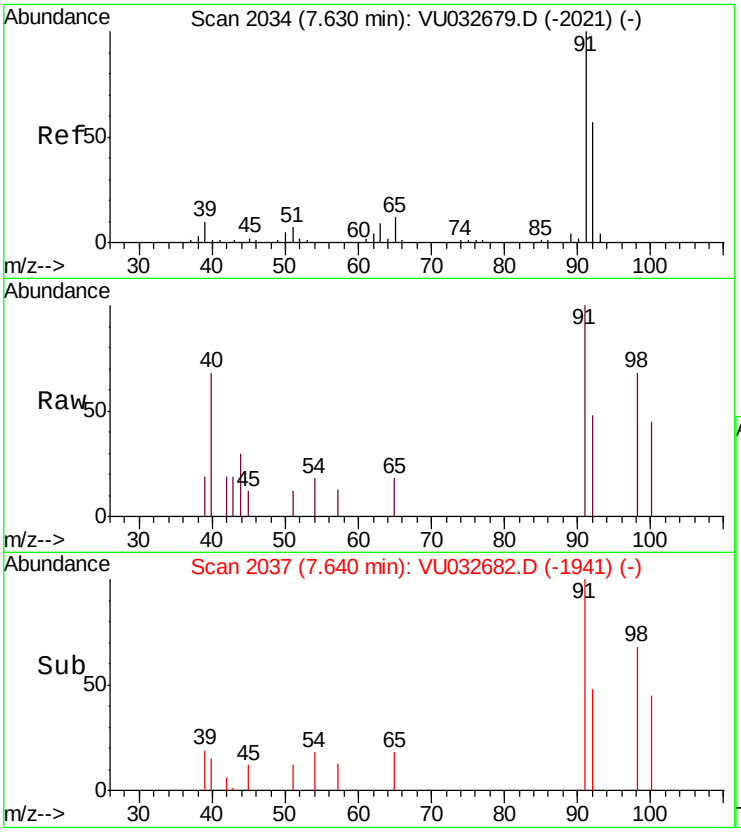


#40
4-Methyl-2-pentanone
Concen: 20.090 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Tgt Ion: 43 Resp: 41747

Ion	Ratio	Lower	Upper
43	100		
58	5.6	30.8	46.2#
100	0.0	12.1	18.1#



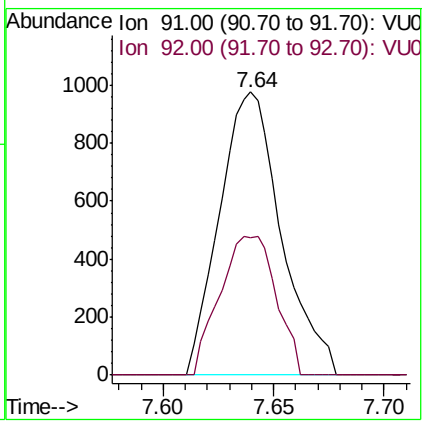


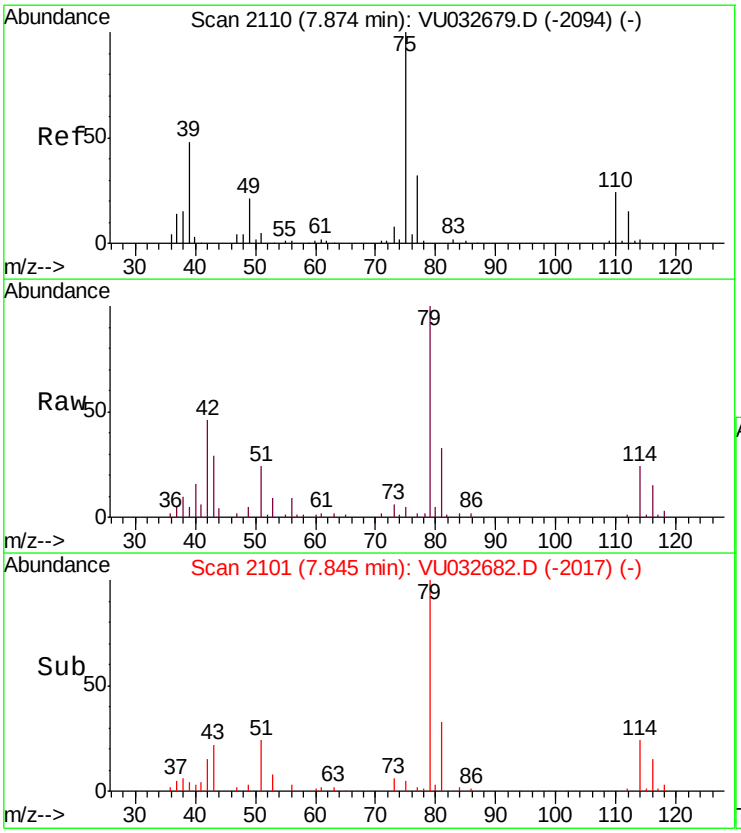
#42
Toluene
Concen: 0.355 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Instrument :
MSVOA_U
ClientSampleId :
C0JQ0

Tgt Ion: 91 Resp: 1895

Ion	Ratio	Lower	Upper
91	100		
92	48.5	39.7	73.7

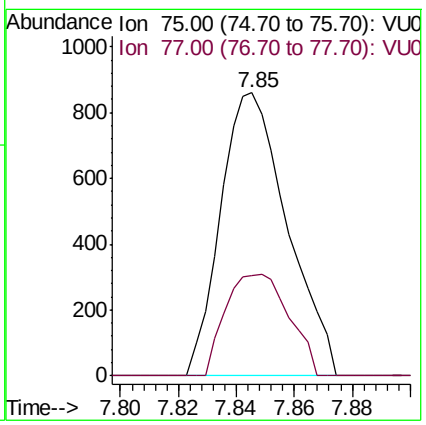


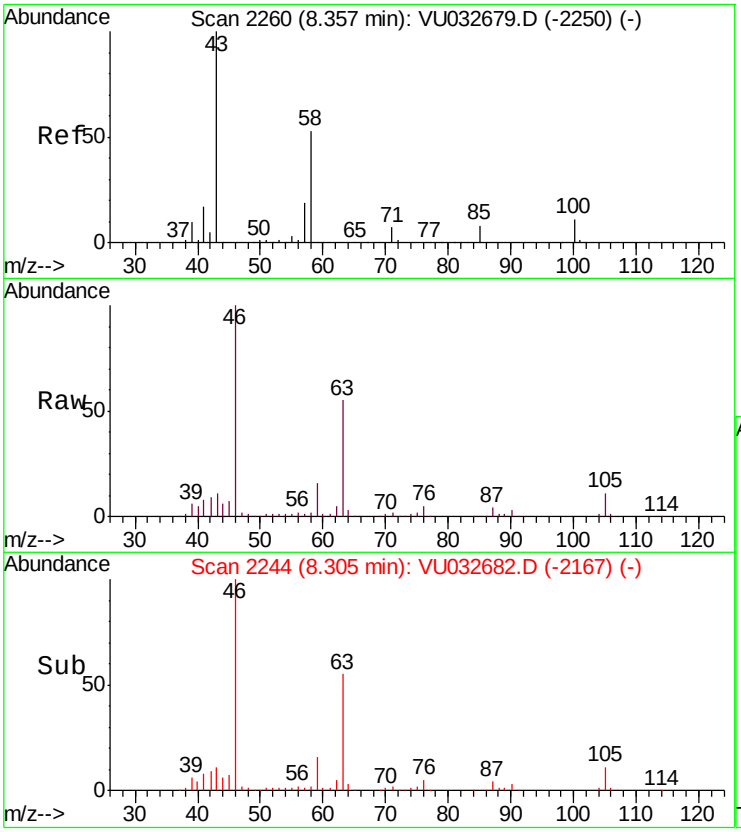


#44
trans-1,3-Dichloropropene
Concen: 0.756 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Tgt Ion: 75 Resp: 1368

Ion	Ratio	Lower	Upper
75	100		
77	35.6	22.1	41.1



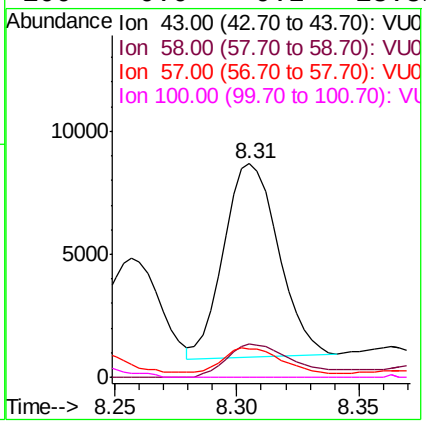


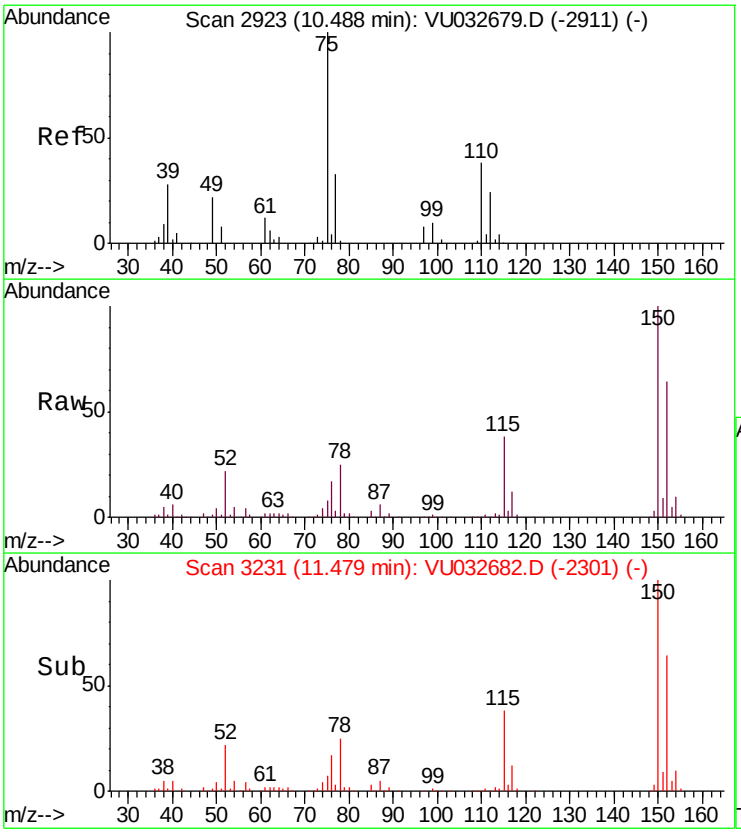
#48
2-Hexanone
Concen: 7.208 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Instrument : MSVOA_U
ClientSampleId : C0JQ0

Tgt Ion: 43 Resp: 12302

Ion	Ratio	Lower	Upper
43	100		
58	22.2	42.0	63.0#
57	14.3	14.6	22.0#
100	0.0	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 6.317 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032682.D
Acq: 13 Jun 2019 10:32

Tgt Ion: 75 Resp: 10607

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.6	38.4