Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036314.D
Acq On : 20 Dec 2019 13:33
Operator : JC/MD
Sample : K6282-12DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW8DL

Quant Time: Dec 20 22:23:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 22:20:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	103366	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	96341	4.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.20%			
7) Chloroethane-d5	1.93	69	87208	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.59	63	100346	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	4.68	46	175887	46.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.70%			
24) Chloroform-d	5.11	84	152273	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.75	65	82258	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.77	84	270588	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
36) 1,2-Dichloropropane-d6	6.73	67	89748	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.20%			
41) Toluene-d8	7.93	98	219440	3.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.40%			
43) trans-1,3-Dichloropropene-	8.21	79	33687	3.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.60%			
46) 2-Hexanone-d5	8.67	63	135034	41.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.42%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	82060	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	89325	4.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	1985	0.116	ug/L #	1
13) Acetone	2.66	43	7187	2.173	ug/L	89
16) Methylene chloride	3.08	84	51223	2.042	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	4602	0.126	ug/L #	80
22) cis-1,2-Dichloroethene	4.72	96	15232	0.795	ug/L	100
34) Trichloroethene	6.58	95	147724	7.177	ug/L	96
35) Methylcyclohexane	6.73	83	22640	0.774	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	9899	0.486	ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2180	0.079	ug/L #	62
48) 2-Hexanone	8.67	43	16848	2.119	ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	10995	0.812	ug/L	97

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

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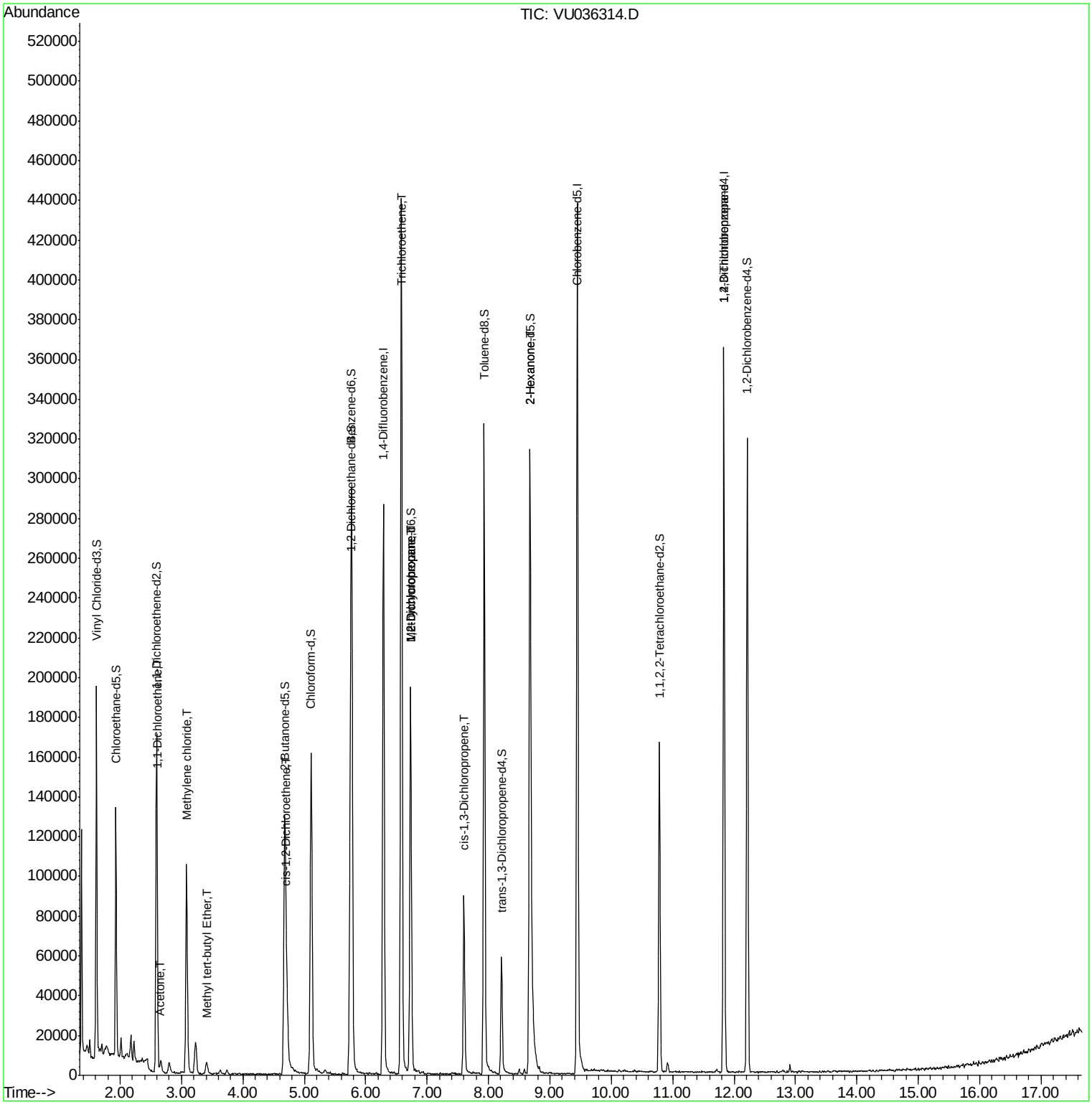
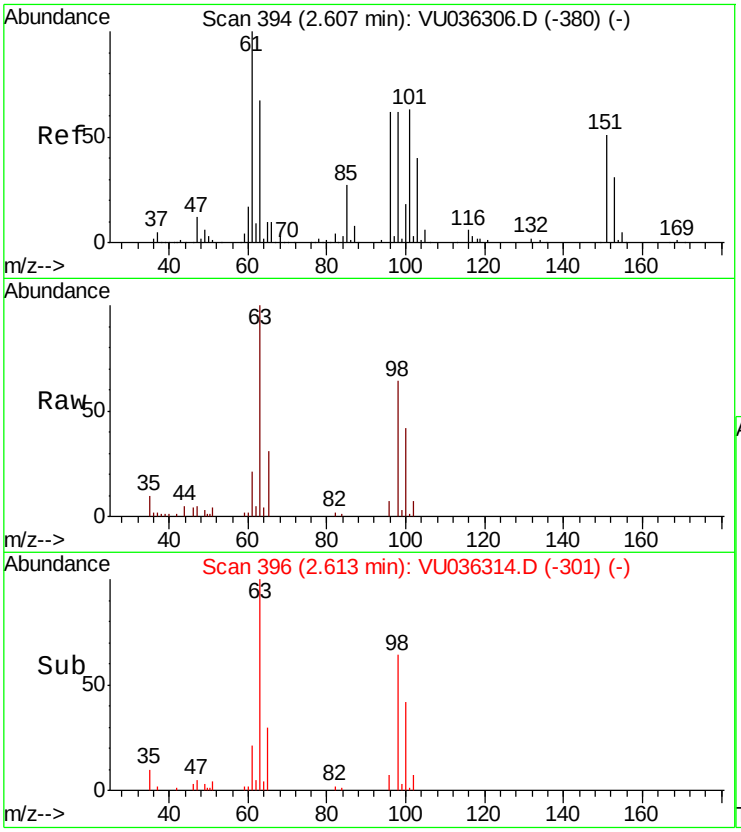
Sample : K6282-12DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW8DL

Quant Time: Dec 20 22:23:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 22:20:21 2019
Response via : Initial Calibration



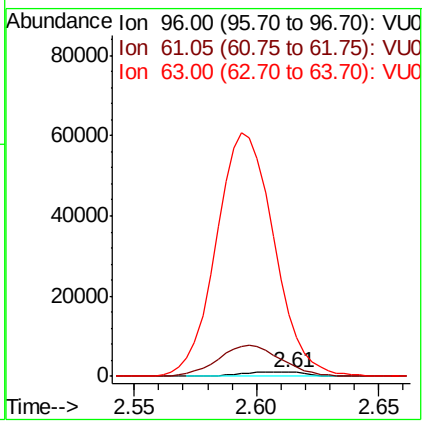


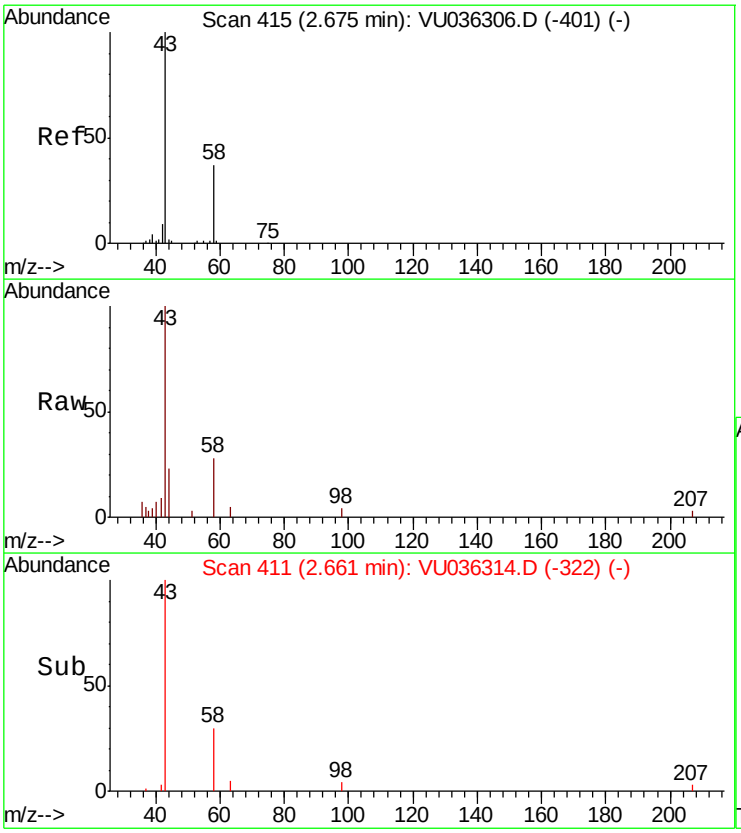
#12
1,1-Dichloroethene
Concen: 0.116 ug/L
RT: 2.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Instrument :
MSVOA_U
ClientSampleId :
BFDW8DL

Tgt Ion: 96 Resp: 1985

Ion	Ratio	Lower	Upper
96	100		
61	314.0	114.0	211.8#
63	1514.7	63.6	118.0#

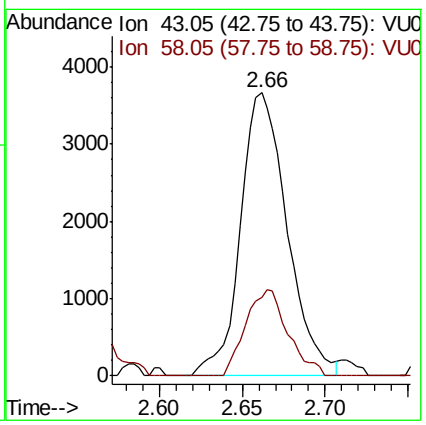


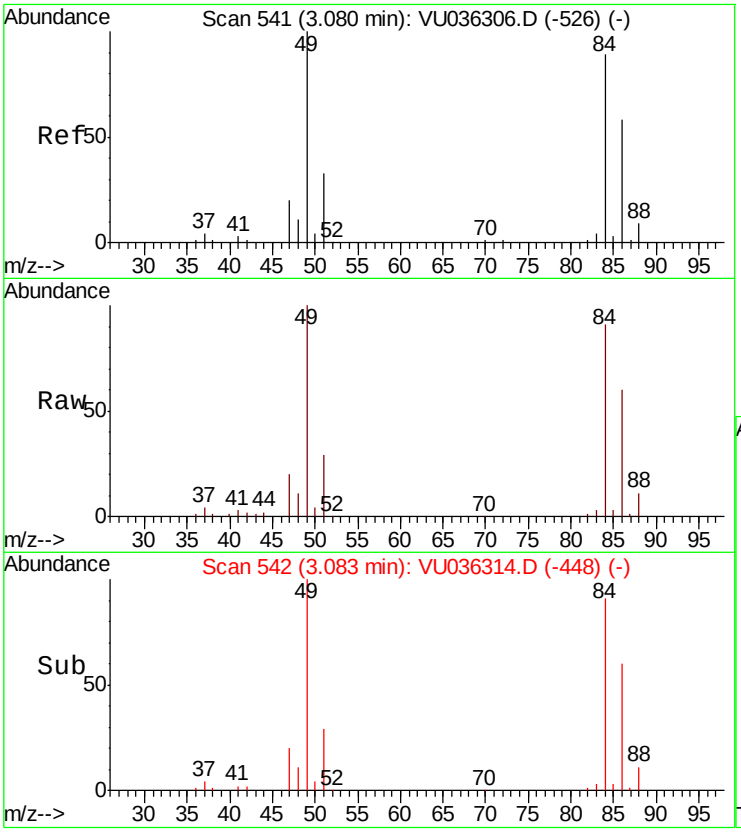


#13
Acetone
Concen: 2.173 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Tgt Ion: 43 Resp: 7187

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	67.6



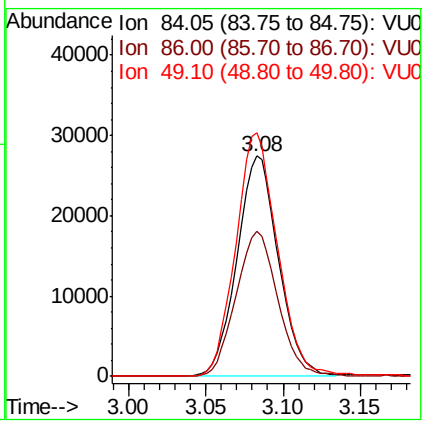


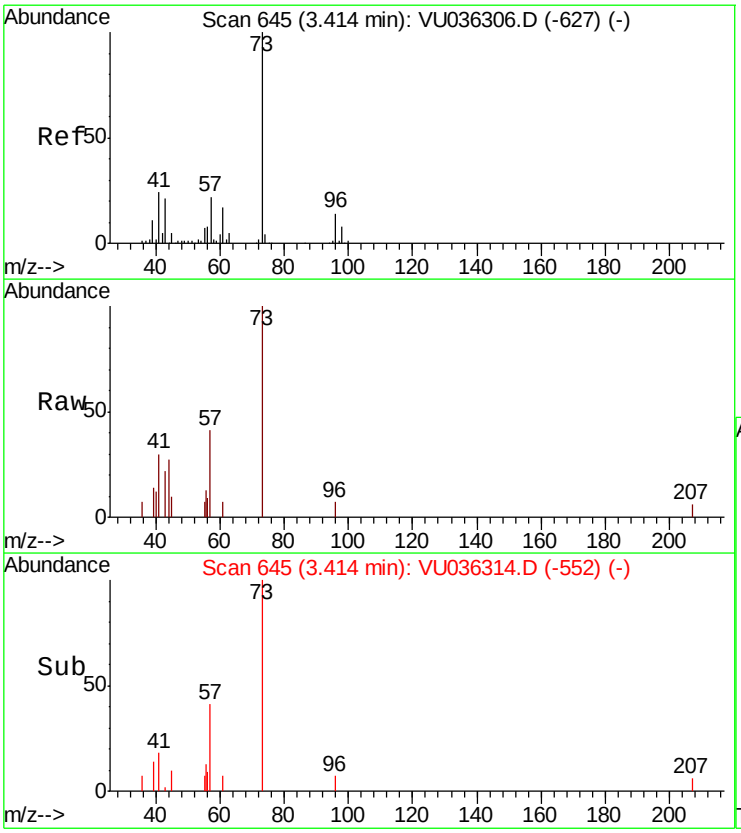
#16
Methylene chloride
Concen: 2.042 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Instrument : MSVOA_U
ClientSampleId : BFDW8DL

Tgt Ion: 84 Resp: 51223

Ion	Ratio	Lower	Upper
84	100		
86	65.8	43.0	79.8
49	110.5	77.3	143.5

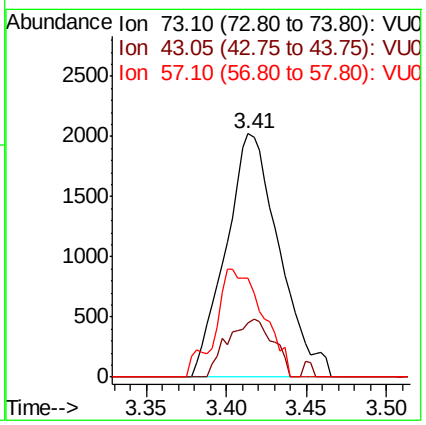


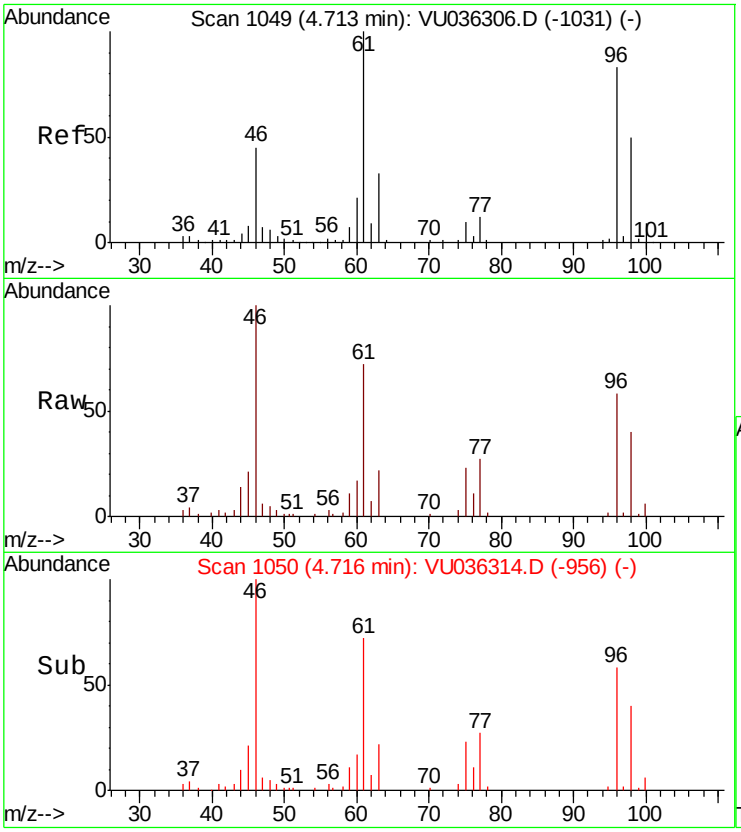


#17
Methyl tert-butyl Ether
Concen: 0.126 ug/L
RT: 3.41 min Scan# 645
Delta R.T. -0.00 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Tgt Ion: 73 Resp: 4602

Ion	Ratio	Lower	Upper
73	100		
43	20.2	15.3	22.9
57	39.5	18.2	27.2#



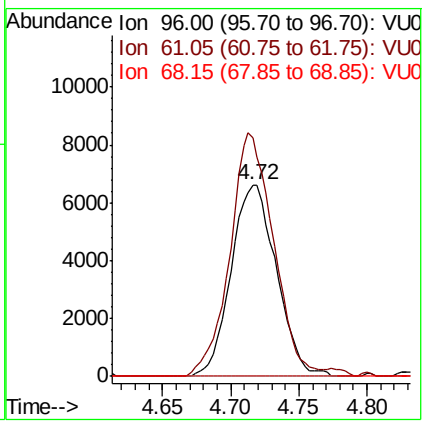


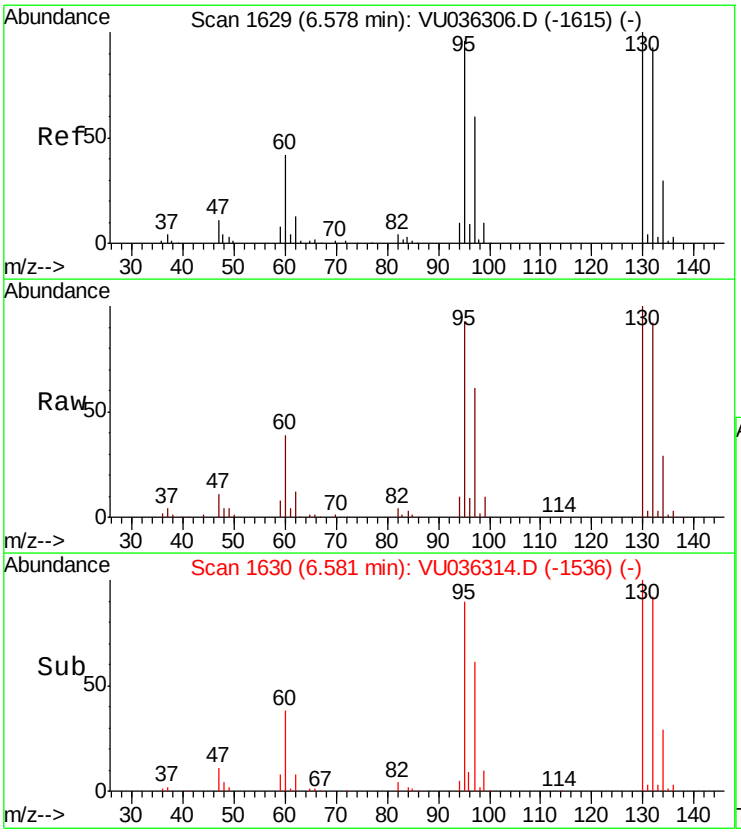
#22
cis-1,2-Dichloroethene
Concen: 0.795 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Instrument :
MSVOA_U
ClientSampleId :
BFDW8DL

Tgt Ion: 96 Resp: 15232

Ion	Ratio	Lower	Upper
96	100		
61	124.2	86.7	161.1
68	0.0	0.0	0.0

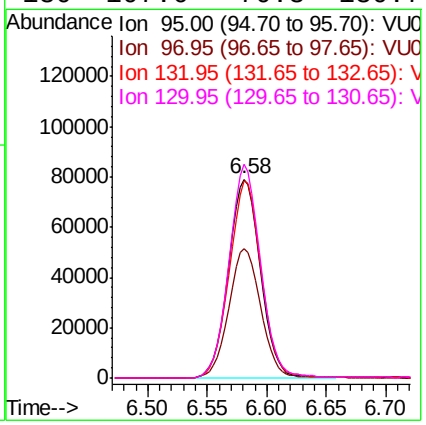


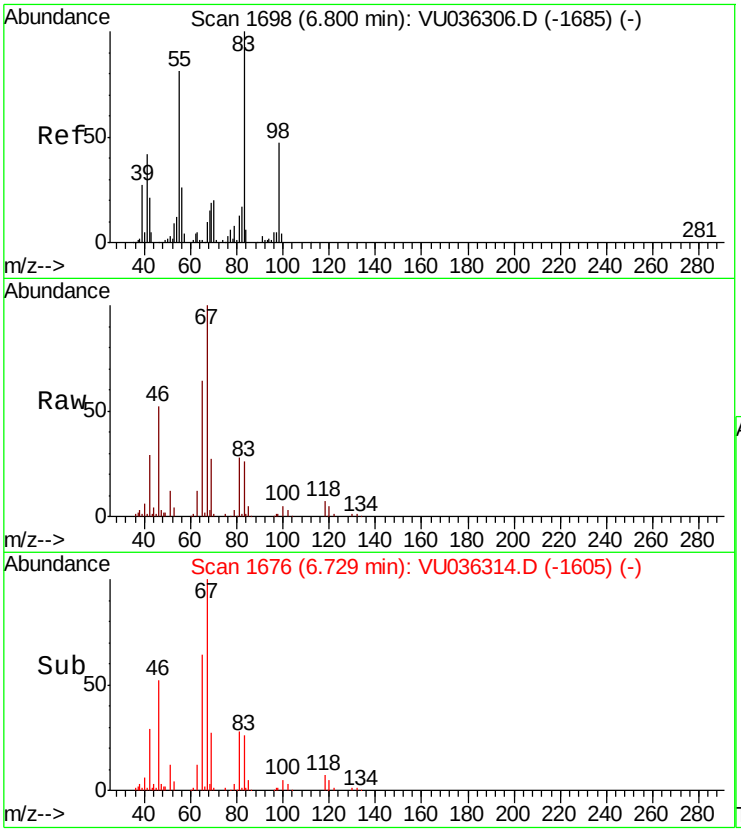


#34
Trichloroethene
Concen: 7.177 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Tgt Ion: 95 Resp: 147724

Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.6	81.0
132	99.0	69.6	129.2
130	107.6	70.3	130.7



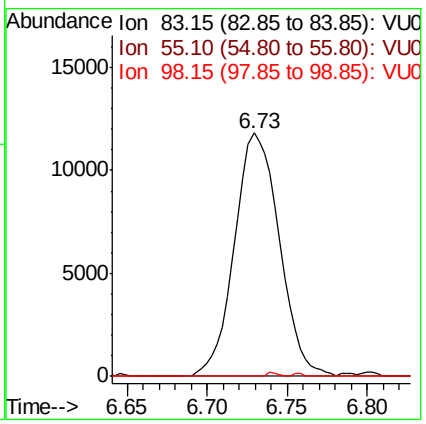


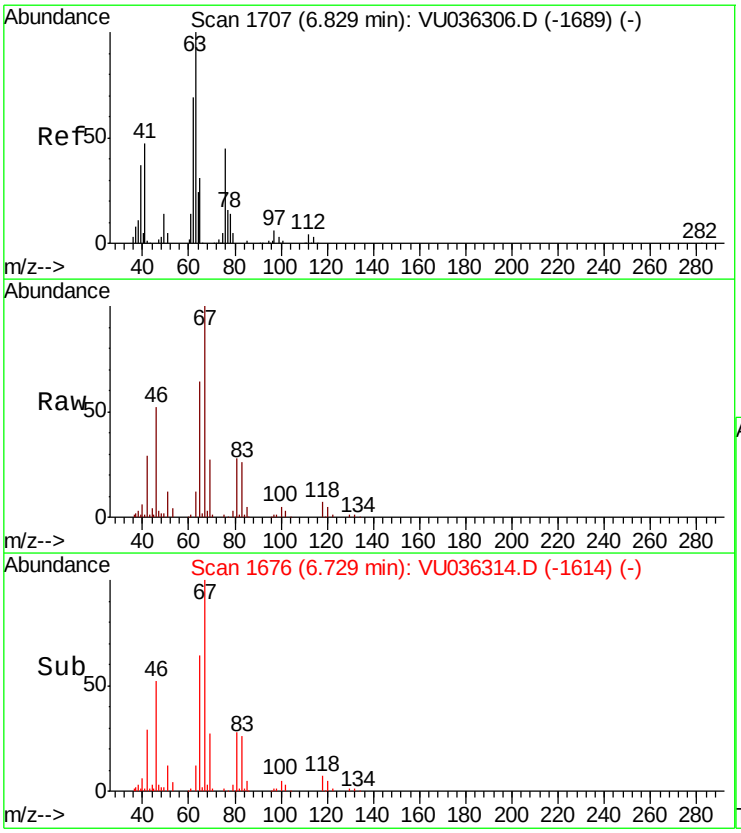
#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Instrument :
MSVOA_U
ClientSampleId :
BFDW8DL

Tgt Ion: 83 Resp: 22640

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.0	36.2	54.2#

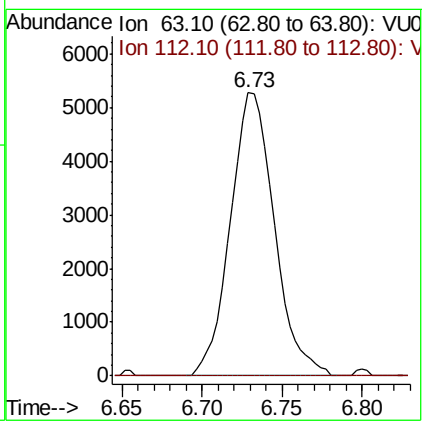


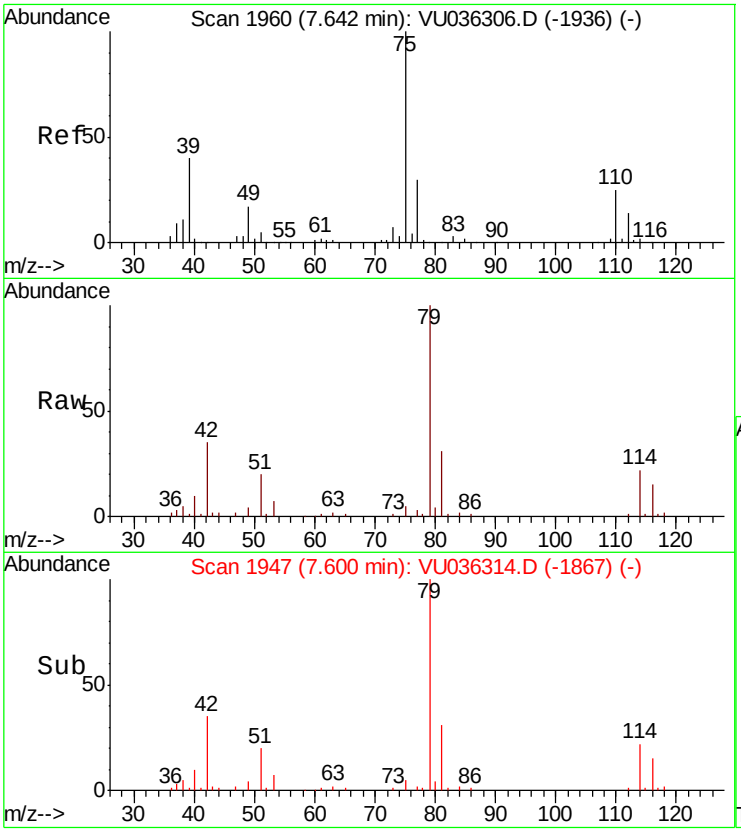


#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Tgt Ion: 63 Resp: 9899

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



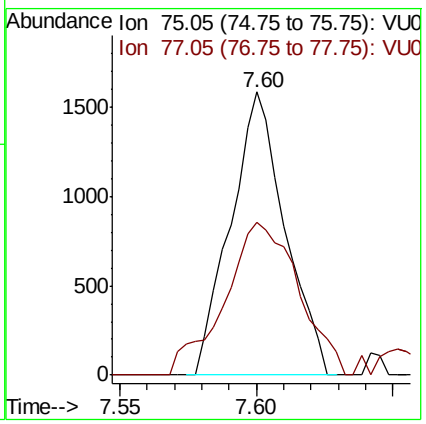


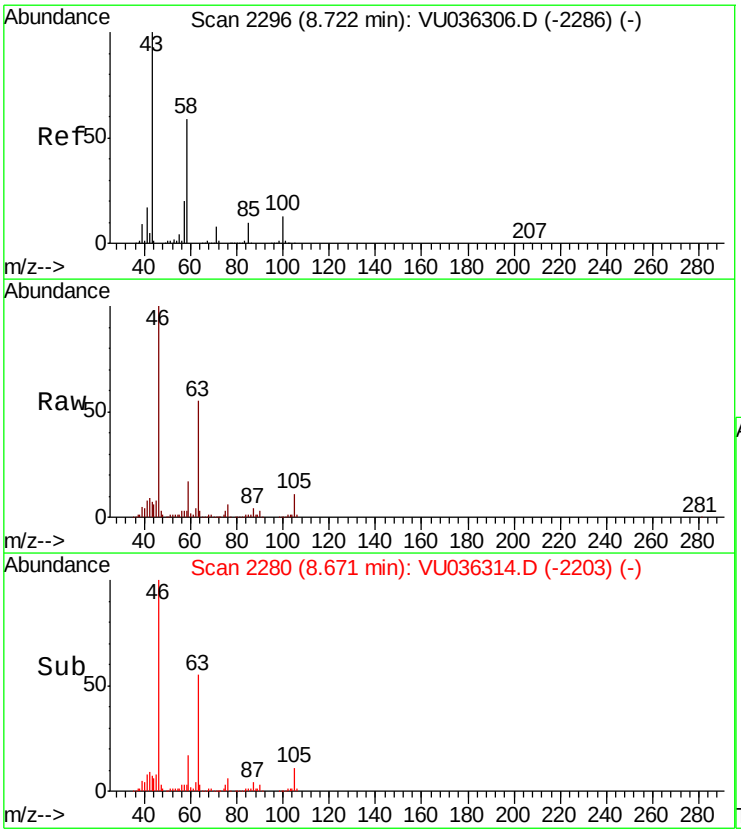
#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Instrument : MSVOA_U
ClientSampleId : BFDW8DL

Tgt Ion: 75 Resp: 2180

Ion	Ratio	Lower	Upper
75	100		
77	53.9	22.7	42.1#

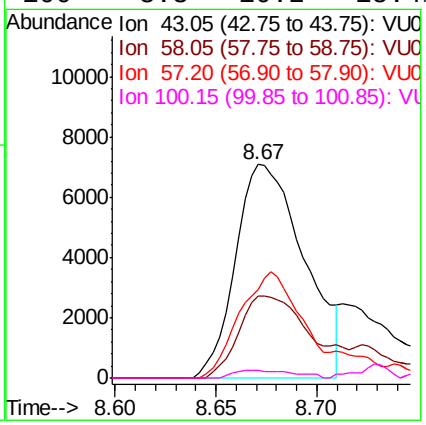


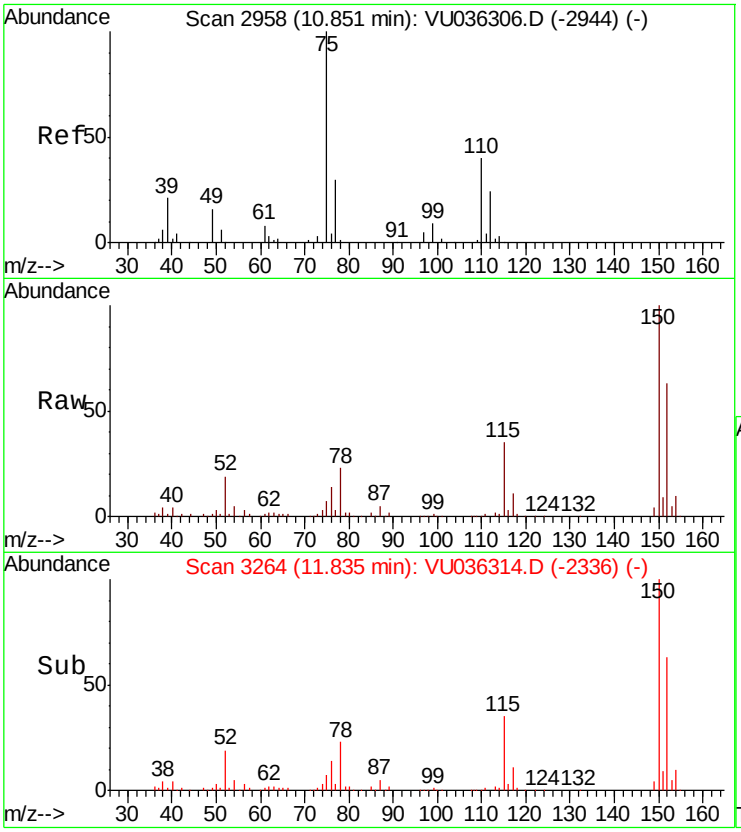


#48
2-Hexanone
Concen: 2.119 ug/L
RT: 8.67 min Scan# 2280
Delta R.T. -0.05 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Tgt Ion: 43 Resp: 16848

Ion	Ratio	Lower	Upper
43	100		
58	40.8	46.2	69.2#
57	44.2	16.2	24.4#
100	3.3	10.2	15.4#





#59
1,2,3-Trichloropropane
Concen: 0.812 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036314.D
Acq: 20 Dec 2019 13:33

Instrument :
MSVOA_U
ClientSampleId :
BFDW8DL

Tgt Ion: 75 Resp: 10995

Ion	Ratio	Lower	Upper
75	100		
77	35.6	27.2	40.8