Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\

Quantitation Report (Not Reviewed)

Data File : VU036285.D
Acq On : 19 Dec 2019 16:12
Operator : JC/MD
Sample : K6282-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW0

Quant Time: Dec 20 03:17:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265377	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	113869	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	118917	5.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.80%			
7) Chloroethane-d5	1.93	69	102302	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.59	63	118085	3.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%			
20) 2-Butanone-d5	4.69	46	201399	46.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.00%			
24) Chloroform-d	5.11	84	170139	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.75	65	88662	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
32) Benzene-d6	5.77	84	309430	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
36) 1,2-Dichloropropane-d6	6.73	67	103424	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%			
41) Toluene-d8	7.93	98	257967	3.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.20%			
43) trans-1,3-Dichloropropene-	8.21	79	38499	4.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.40%			
46) 2-Hexanone-d5	8.67	63	161064	44.00	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.00%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90064	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	99620	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	6410	0.326	ug/L #	1
13) Acetone	2.67	43	7919	2.075	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	14859	0.352	ug/L	95
18) trans-1,2-Dichloroethene	3.40	96	4200	0.204	ug/L	71
22) cis-1,2-Dichloroethene	4.72	96	136860	6.188	ug/L	98
34) Trichloroethene	6.58	95	666562	28.635	ug/L	98
35) Methylcyclohexane	6.73	83	25292	0.764	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10861	0.471	ug/L #	88
47) Tetrachloroethene	8.58	164	2336	0.111	ug/L	80
59) 1,2,3-Trichloropropane	11.83	75	11358	0.742	ug/L	90

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

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Quantitation Report (Not Reviewed)

Data File : VU036285.D
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Operator : JC/MD
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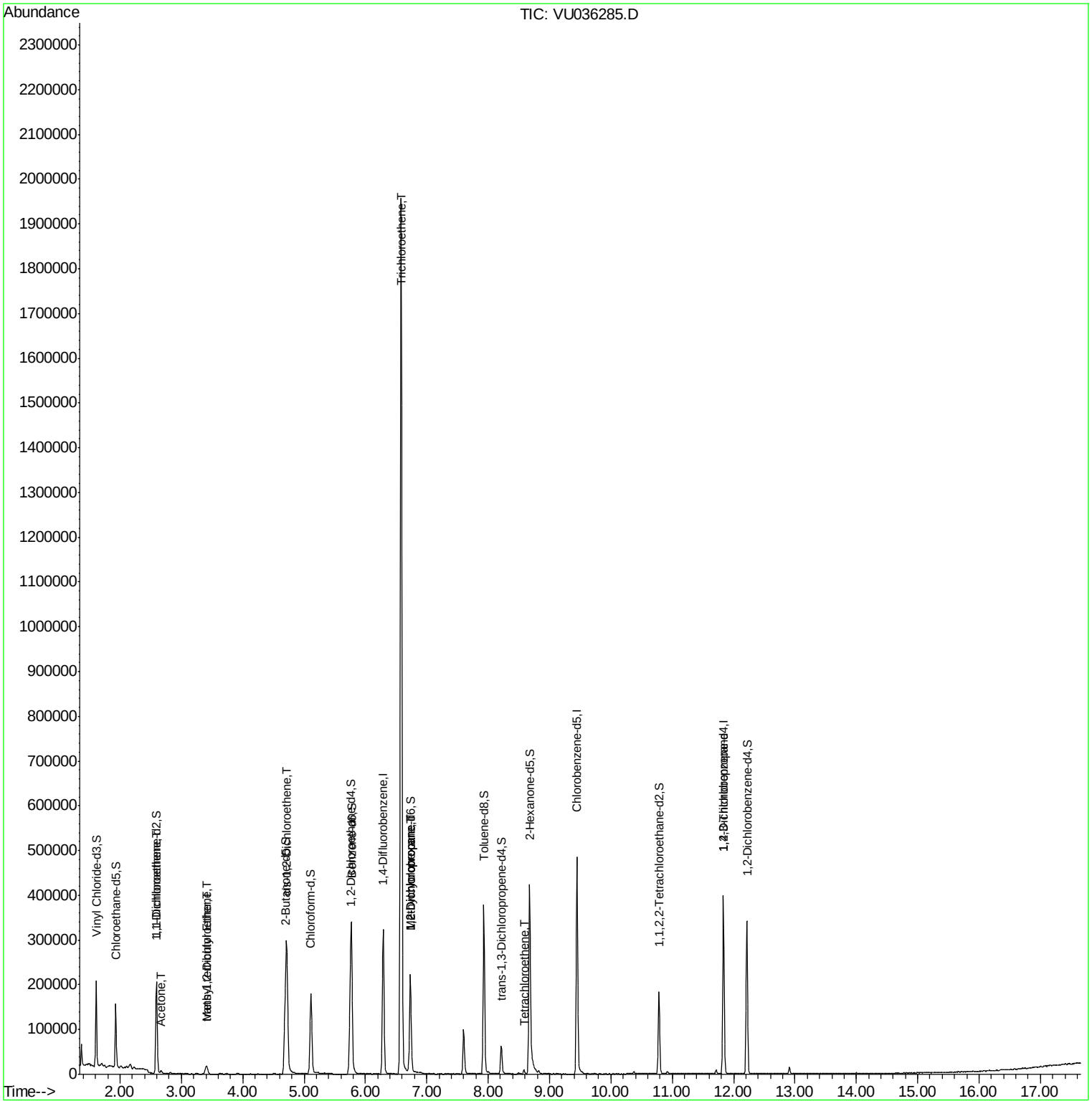
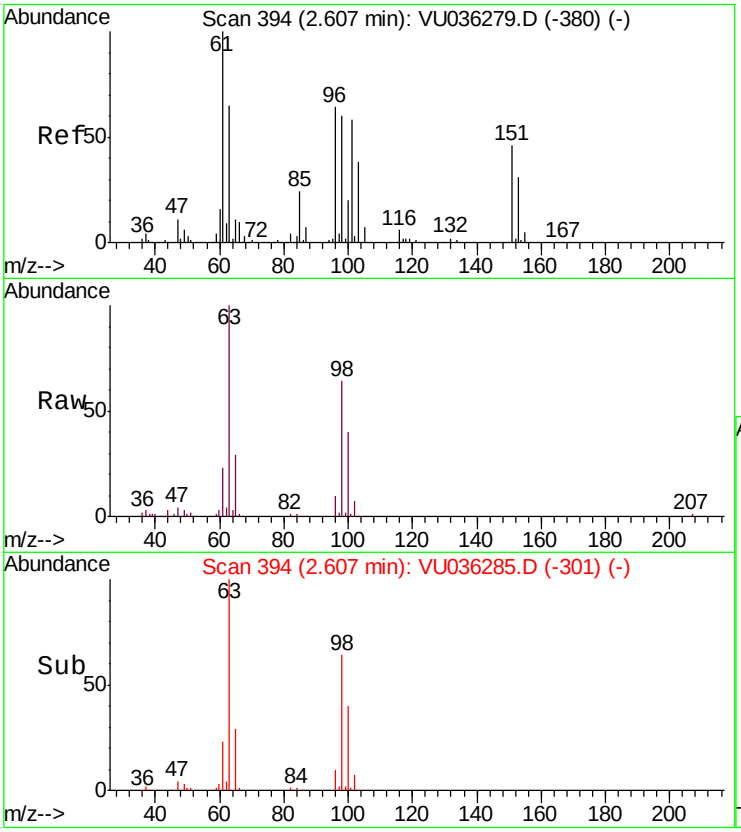
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW0

Quant Time: Dec 20 03:17:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration



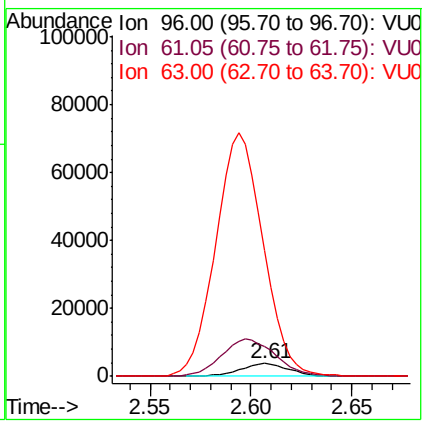


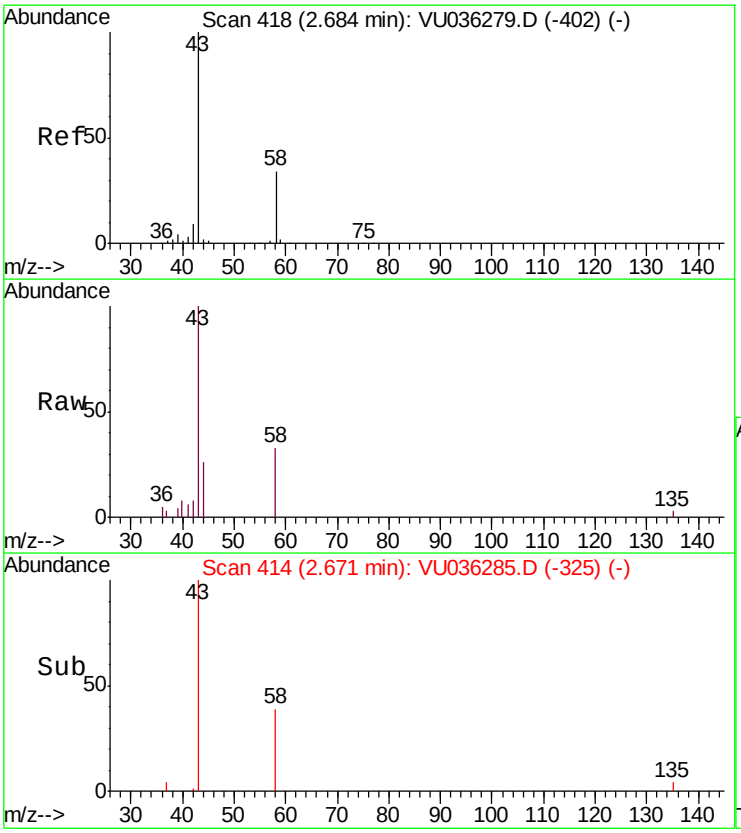
#12
1,1-Dichloroethene
Concen: 0.326 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW0

Tgt Ion: 96 Resp: 6410

Ion	Ratio	Lower	Upper
96	100		
61	231.9	114.0	211.8#
63	988.0	63.6	118.0#

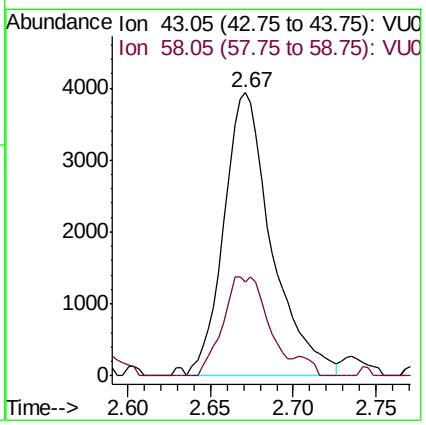


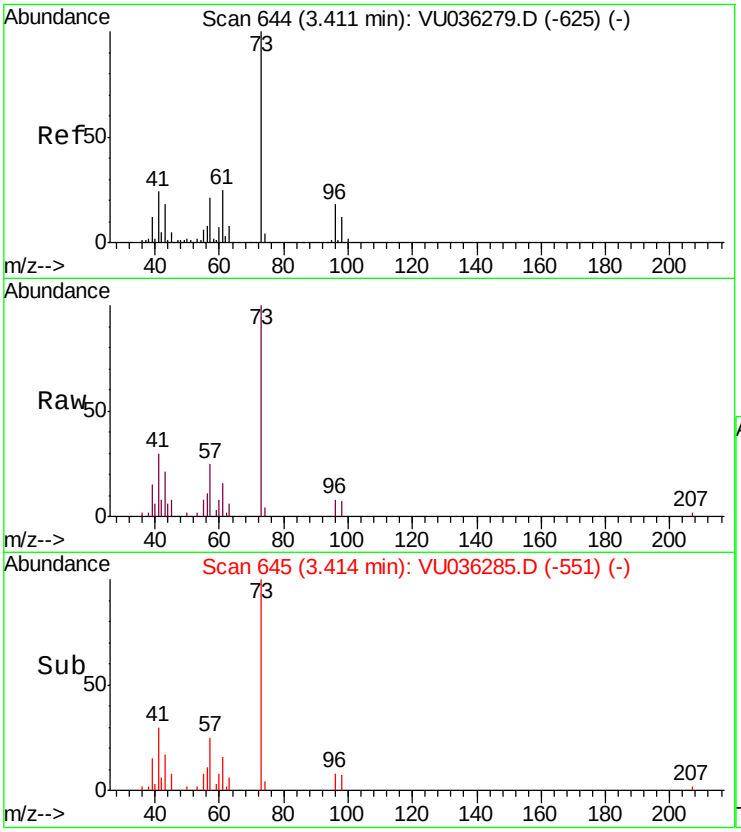


#13
Acetone
Concen: 2.075 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Tgt Ion: 43 Resp: 7919

Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	67.6



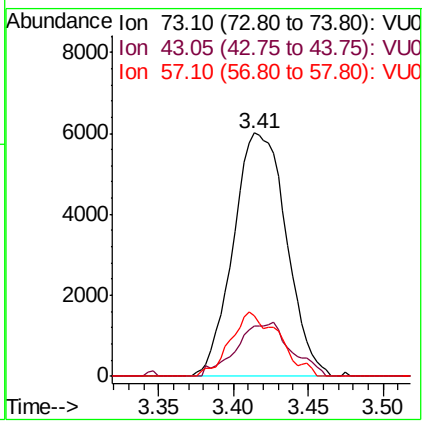


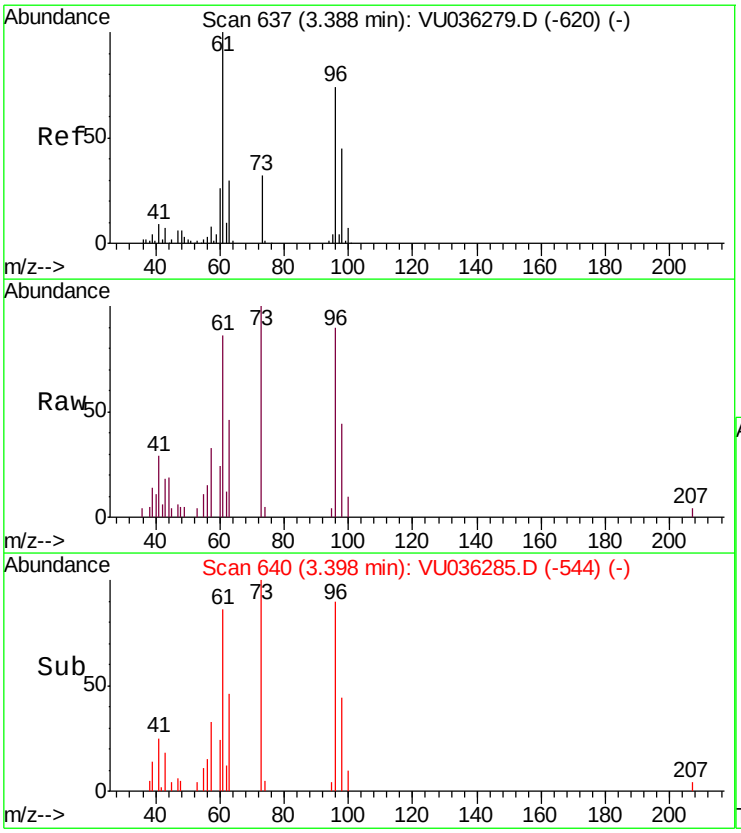
#17
Methyl tert-butyl Ether
Concen: 0.352 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.00 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Instrument : MSVOA_U
ClientSampleId : BFDW0

Tgt Ion: 73 Resp: 14859

Ion	Ratio	Lower	Upper
73	100		
43	22.5	15.3	22.9
57	24.4	18.2	27.2

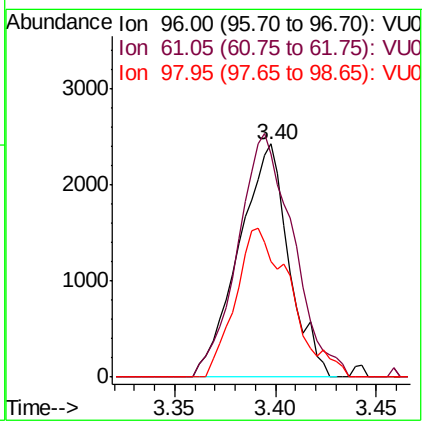


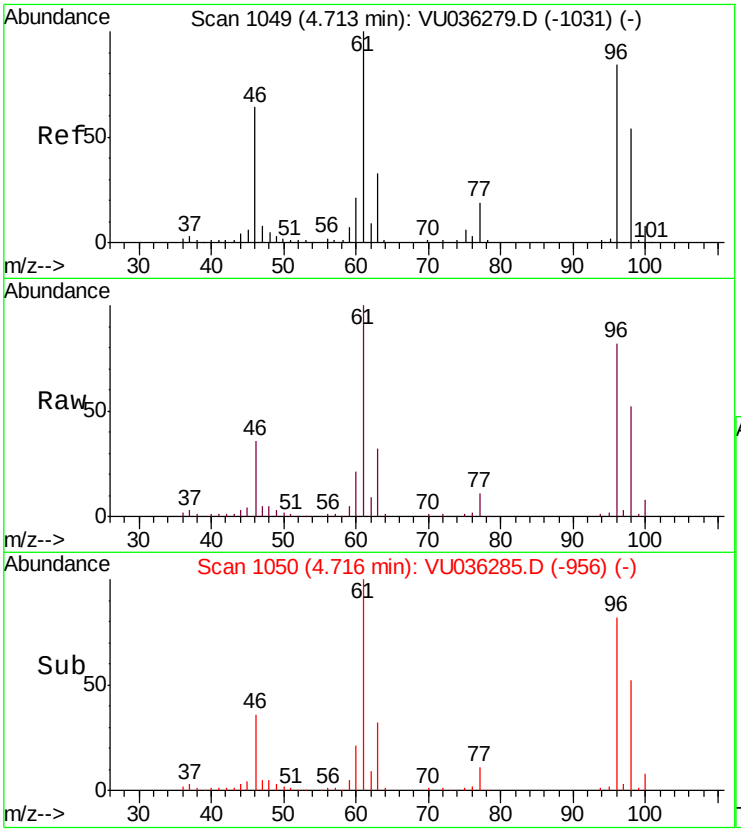


#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Tgt Ion: 96 Resp: 4200

Ion	Ratio	Lower	Upper
96	100		
61	96.0	94.8	176.2
98	49.6	46.8	86.8



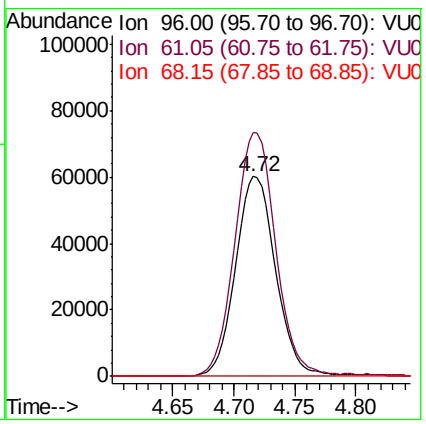


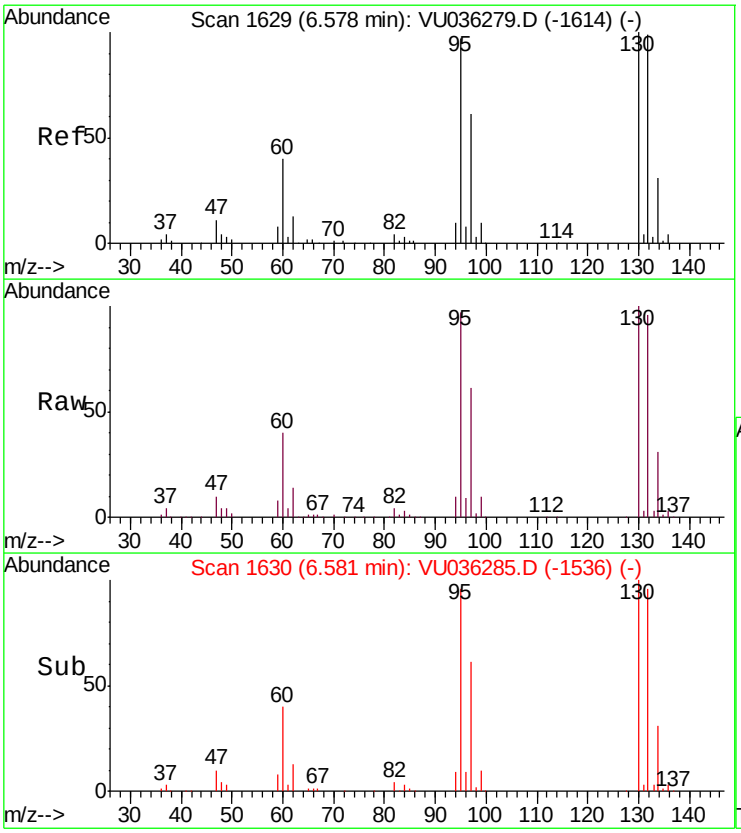
#22
cis-1,2-Dichloroethene
Concen: 6.188 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW0

Tgt Ion: 96 Resp: 136860

Ion	Ratio	Lower	Upper
96	100		
61	122.0	86.7	161.1
68	0.0	0.0	0.0

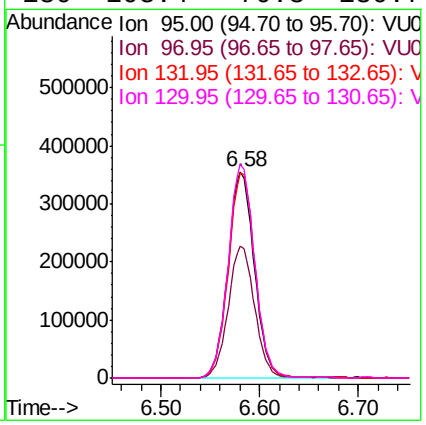


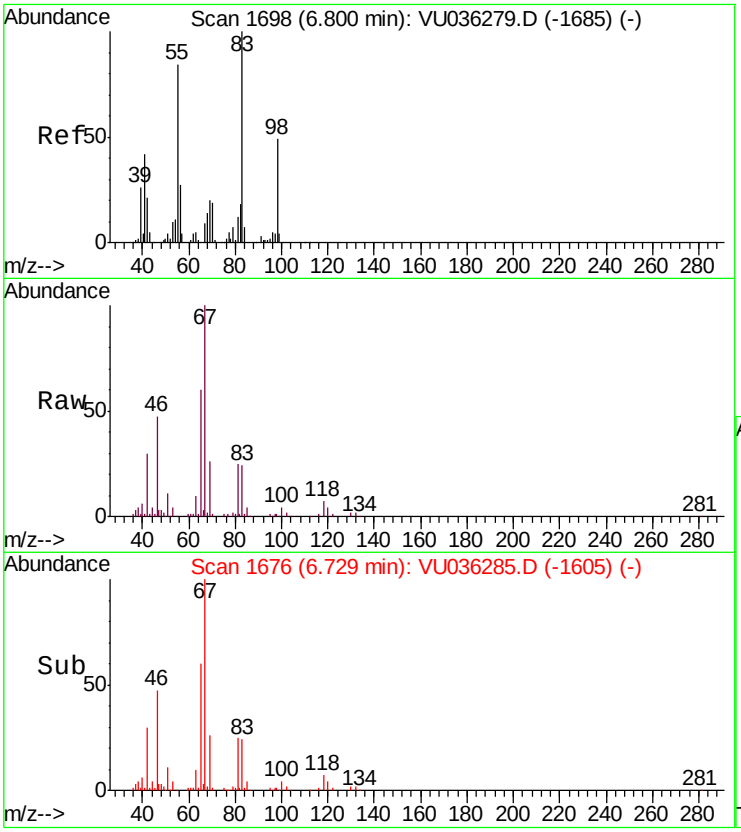


#34
Trichloroethene
Concen: 28.635 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Tgt Ion: 95 Resp: 666562

Ion	Ratio	Lower	Upper
95	100		
97	63.5	43.6	81.0
132	99.1	69.6	129.2
130	103.4	70.3	130.7



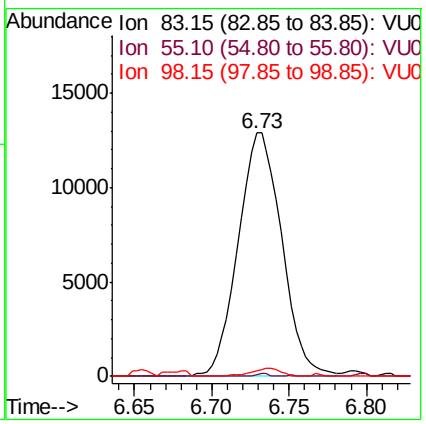


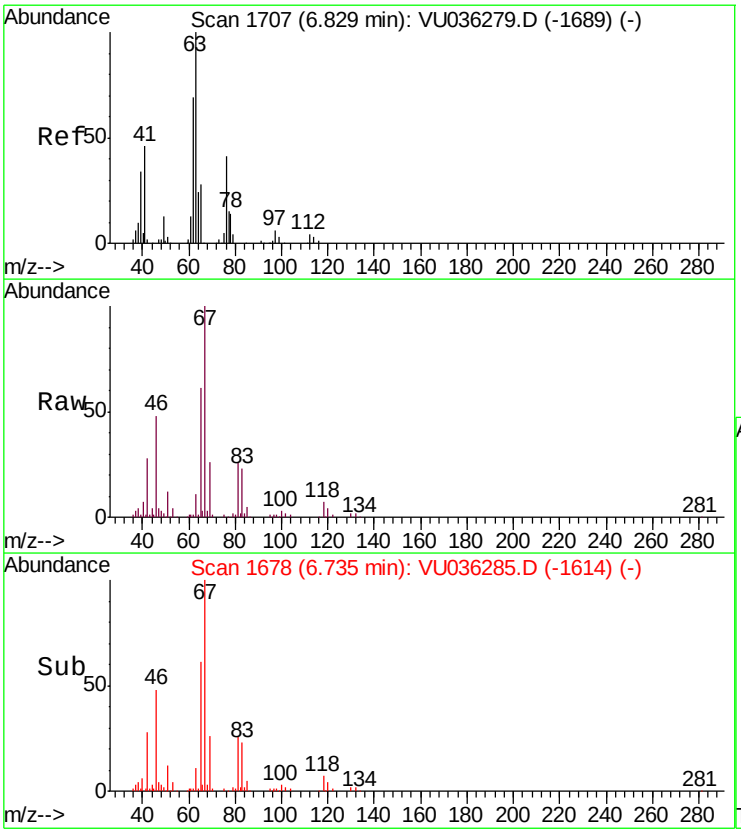
#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW0

Tgt Ion: 83 Resp: 25292

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	2.3	36.2	54.2#

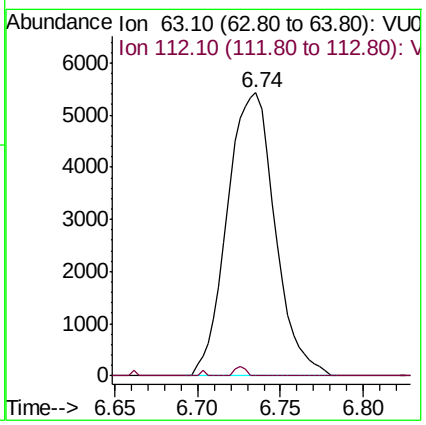


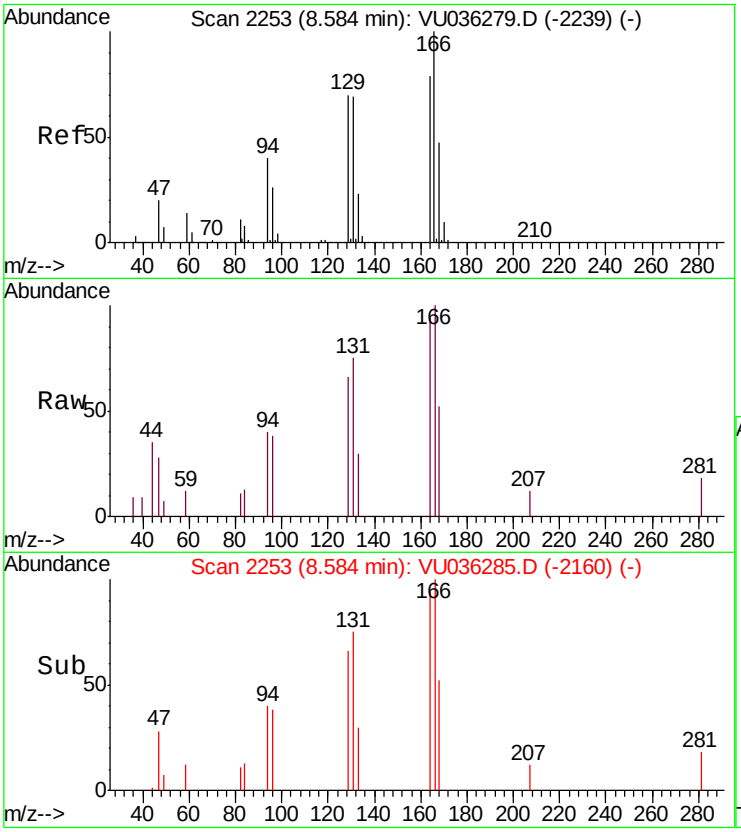


#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Tgt Ion: 63 Resp: 10861

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.8	5.8#



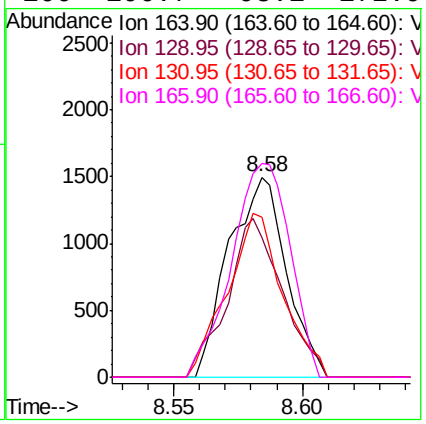


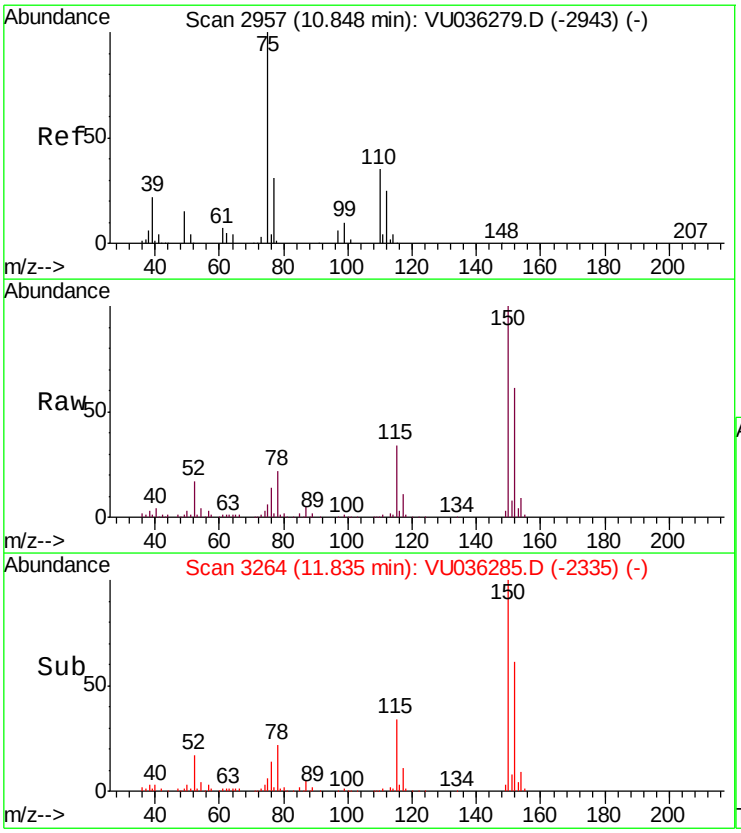
#47
Tetrachloroethene
Concen: 0.111 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW0

Tgt Ion:164 Resp: 2336

Ion	Ratio	Lower	Upper
164	100		
129	69.9	64.2	119.2
131	80.0	66.6	123.8
166	106.7	93.1	172.9





#59
1,2,3-Trichloropropane
Concen: 0.742 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Tgt Ion: 75 Resp: 11358

Ion	Ratio	Lower	Upper
75	100		
77	39.5	27.2	40.8