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

Quantitation Report (Not Reviewed)

Data File : VU036281.D
Acq On : 19 Dec 2019 11:05
Operator : JC/MD
Sample : K6214-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BD804

Quant Time: Dec 20 03:16:23 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	237245	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74202	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	117587	5.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.60%			
7) Chloroethane-d5	1.93	69	107058	5.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.40%			
11) 1,1-Dichloroethene-d2	2.59	63	121439	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.60%			
20) 2-Butanone-d5	4.68	46	175346	44.80	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.60%			
24) Chloroform-d	5.11	84	161708	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.75	65	89952	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.77	84	317917	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.73	67	99383	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.93	98	250230	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
43) trans-1,3-Dichloropropene-	8.21	79	38237	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.69	63	138213	42.81	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.62%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84569	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	72266	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	4527	0.136	ug/L	93
13) Acetone	2.66	43	7024	2.059	ug/L	97
16) Methylene chloride	3.07	84	2121	0.082	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	6225	0.315	ug/L	98
25) Chloroform	5.13	83	18917	0.514	ug/L	96
35) Methylcyclohexane	6.73	83	24326	0.833	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10401	0.512	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2336	0.084	ug/L #	68
47) Tetrachloroethene	8.58	164	15374	0.829	ug/L	91
48) 2-Hexanone	8.68	43	16937	2.136	ug/L #	69
49) Dibromochloromethane	8.58	129	13932	0.740	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	8112	0.601	ug/L #	87

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

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

Quantitation Report (Not Reviewed)

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ClientSampleId :
BD804

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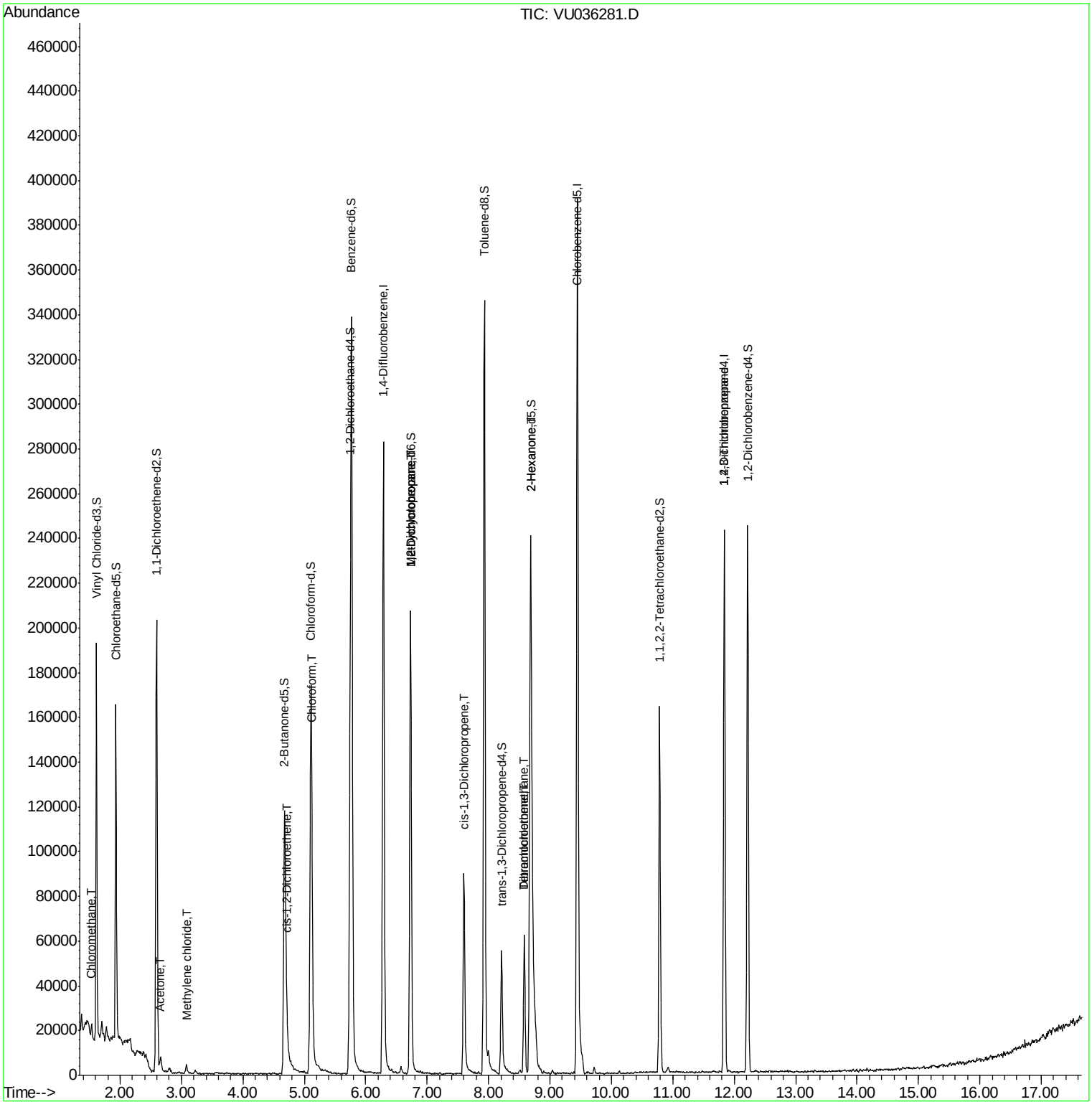
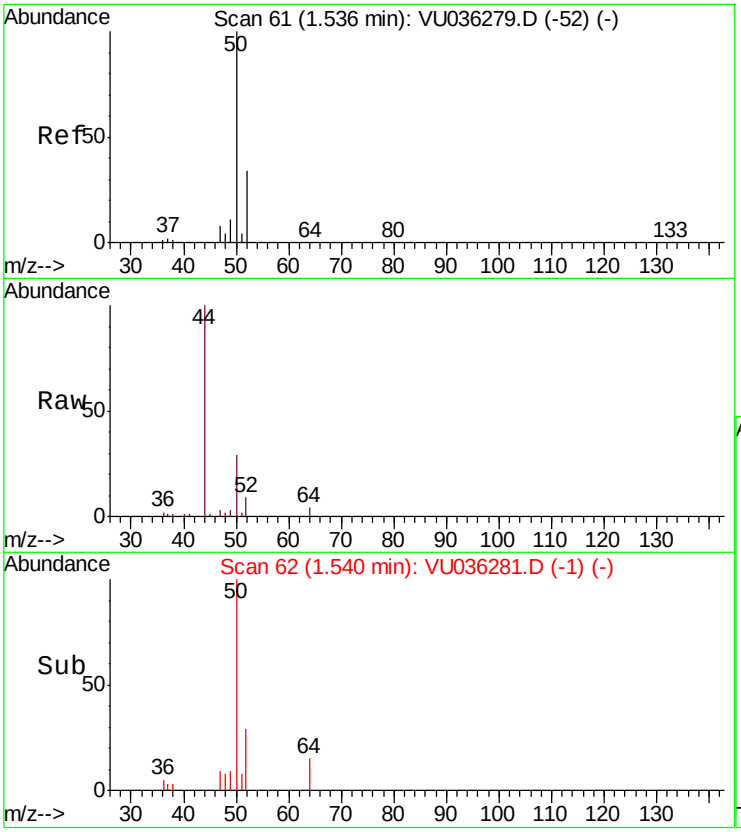
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration



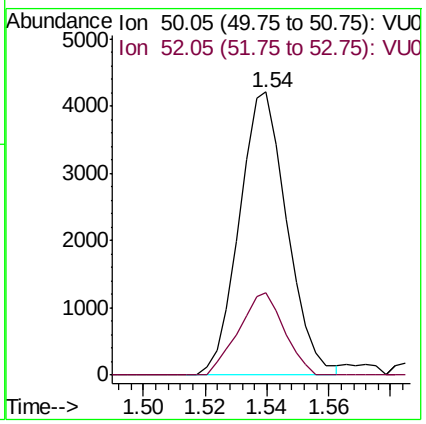


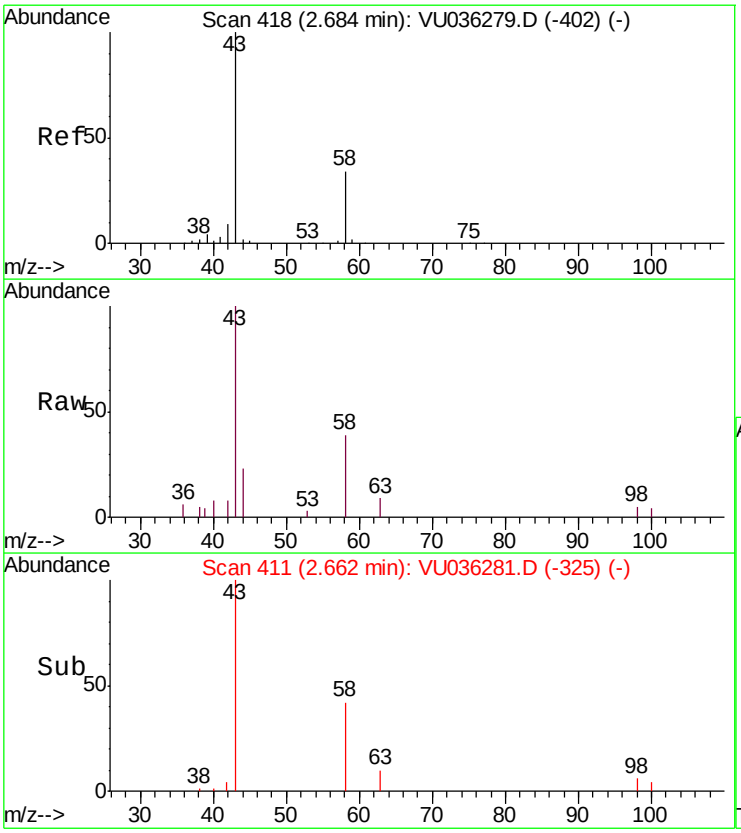
#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
BD804

Tgt Ion: 50 Resp: 4527

Ion	Ratio	Lower	Upper
50	100		
52	29.2	23.1	42.9

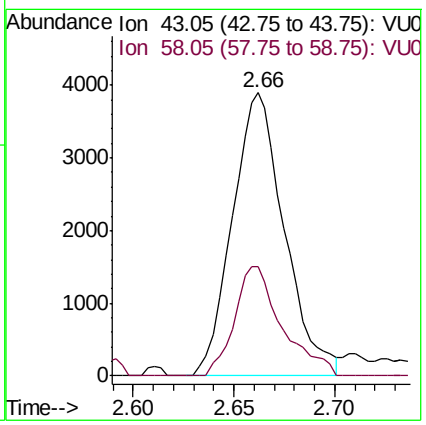


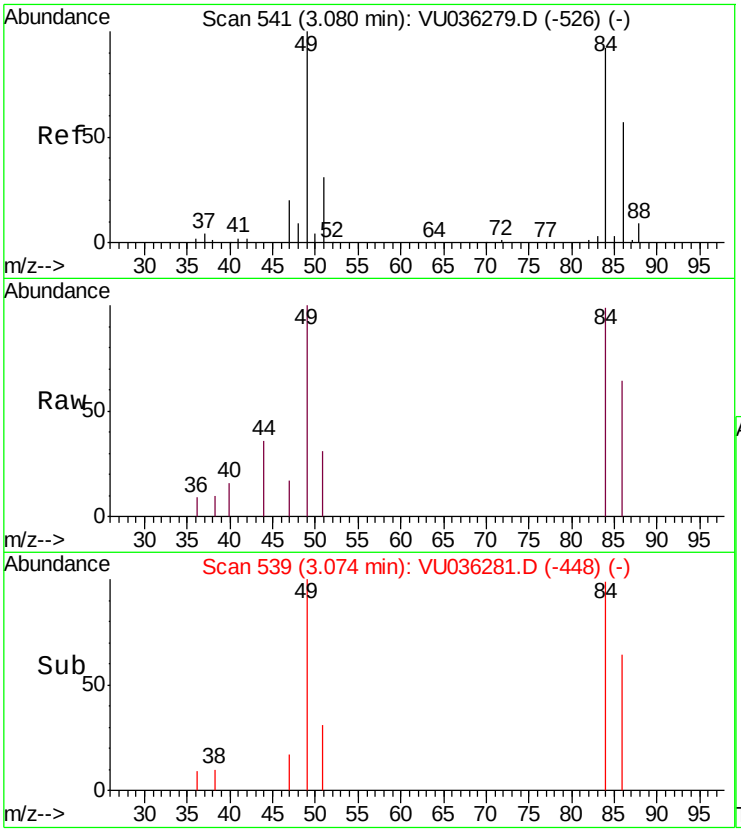


#13
Acetone
Concen: 2.059 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.02 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Tgt Ion: 43 Resp: 7024

Ion	Ratio	Lower	Upper
43	100		
58	35.3	0.0	67.6



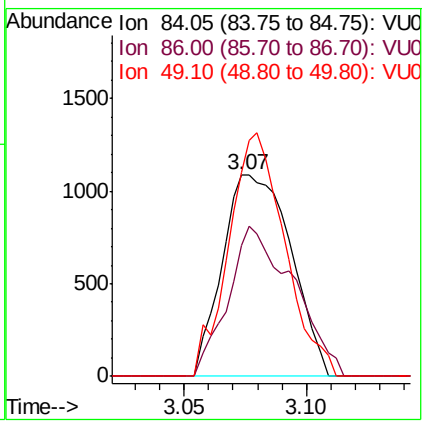


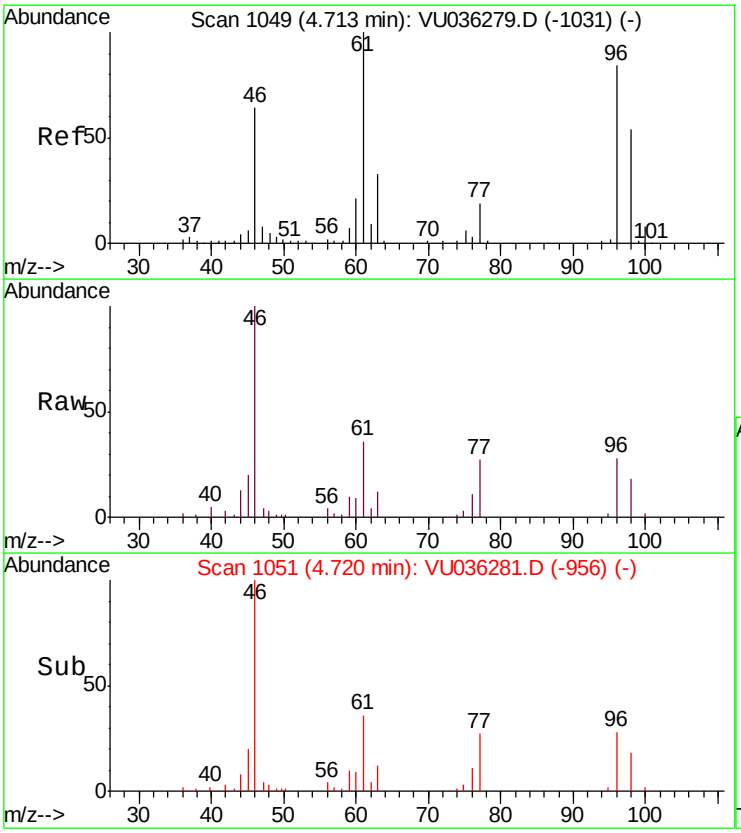
#16
Methylene chloride
Concen: 0.082 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.01 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Instrument : MSVOA_U
ClientSampleId : BD804

Tgt Ion: 84 Resp: 2121

Ion	Ratio	Lower	Upper
84	100		
86	64.8	43.0	79.8
49	101.1	77.3	143.5

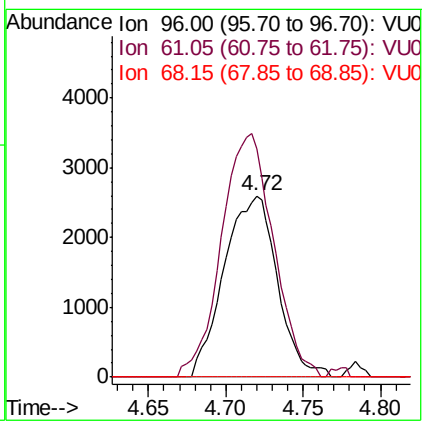


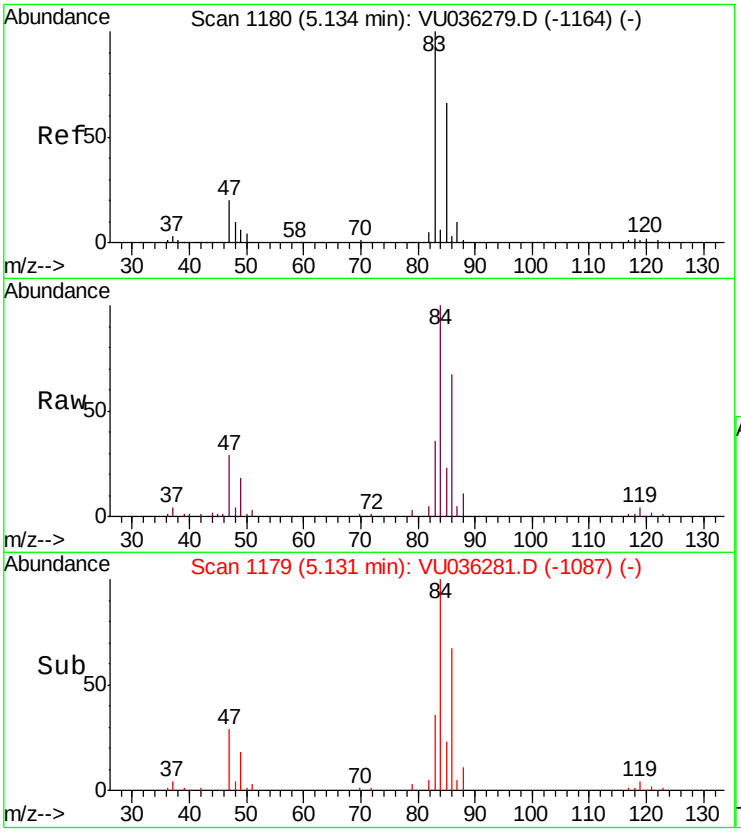


#22
cis-1,2-Dichloroethene
Concen: 0.315 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Tgt Ion: 96 Resp: 6225

Ion	Ratio	Lower	Upper
96	100		
61	126.3	86.7	161.1
68	0.0	0.0	0.0



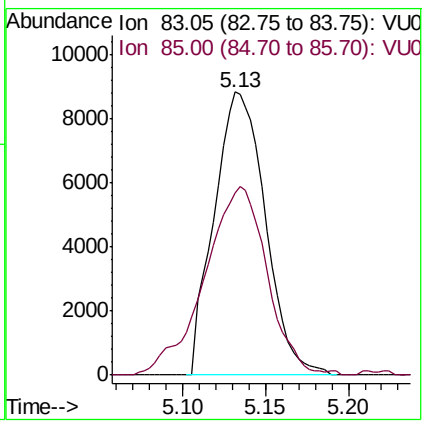


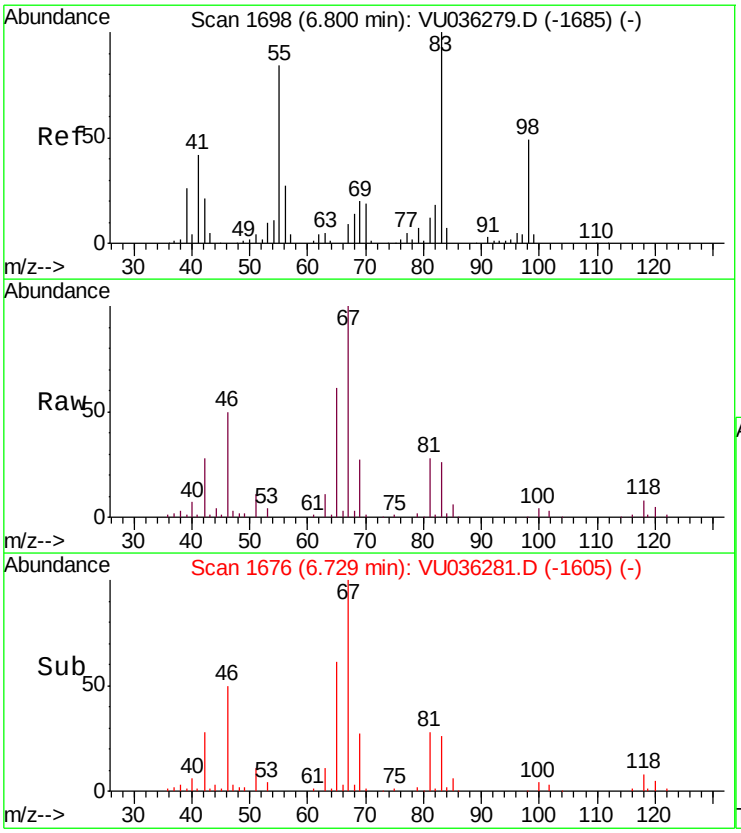
#25
Chloroform
Concen: 0.514 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
BD804

Tgt Ion: 83 Resp: 18917

Ion	Ratio	Lower	Upper
83	100		
85	64.6	47.5	88.1

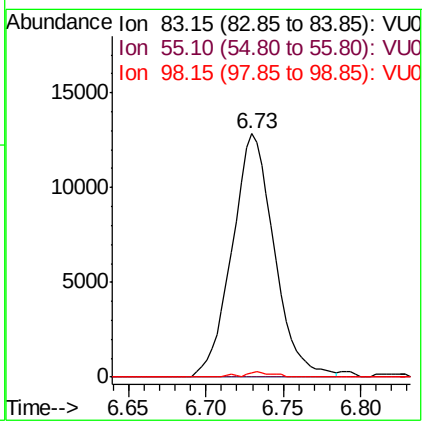


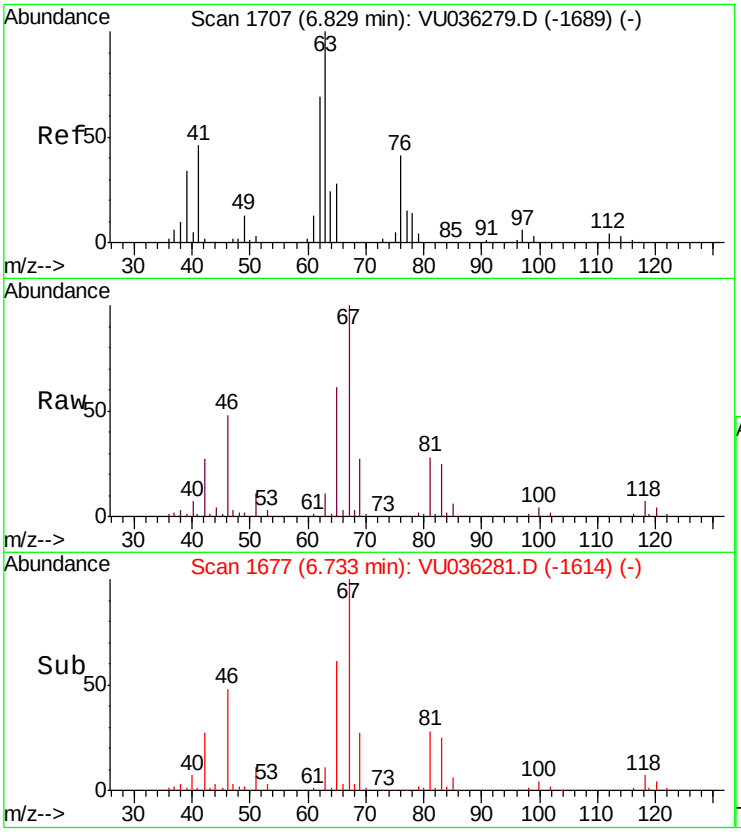


#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Tgt Ion: 83 Resp: 24326

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	1.2	36.2	54.2#



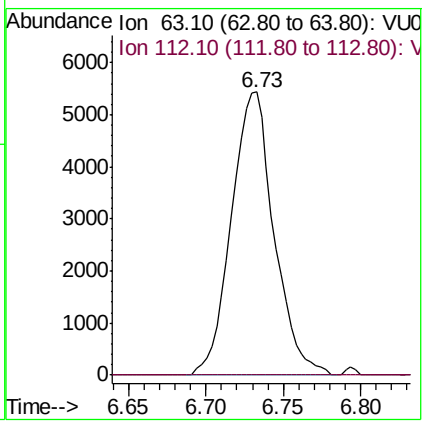


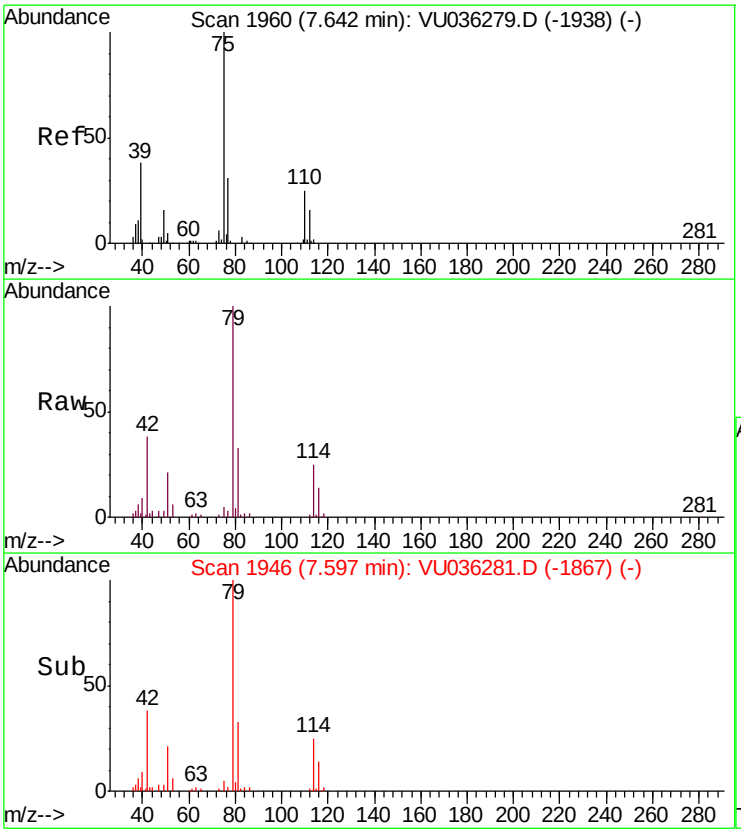
#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
BD804

Tgt Ion: 63 Resp: 10401

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#

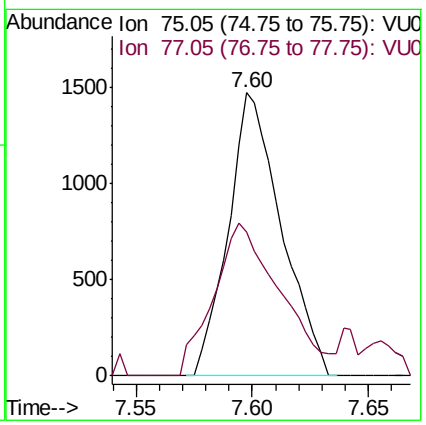


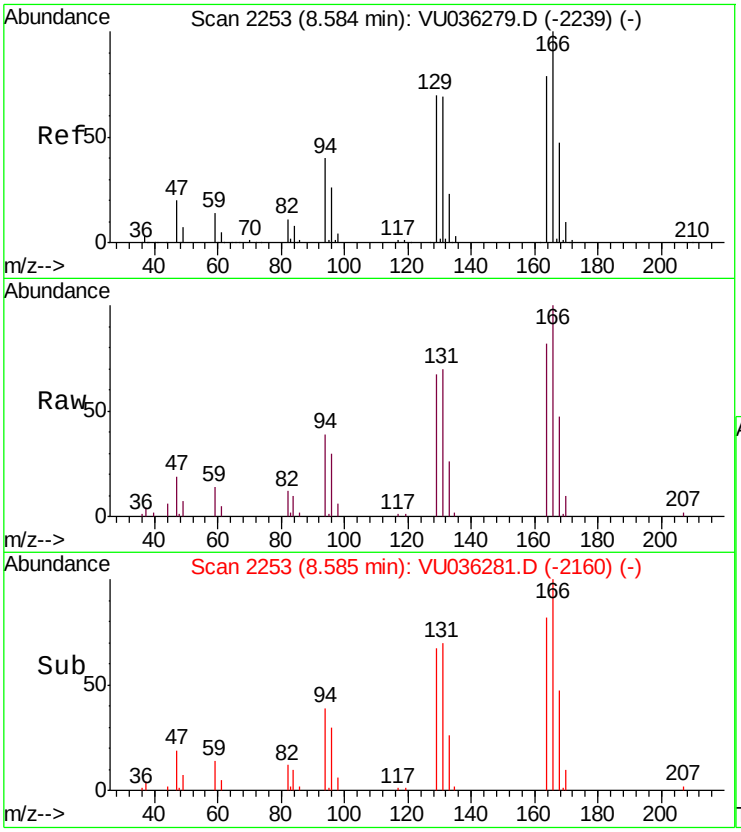


#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Tgt Ion: 75 Resp: 2336

Ion	Ratio	Lower	Upper
75	100		
77	50.6	22.7	42.1#



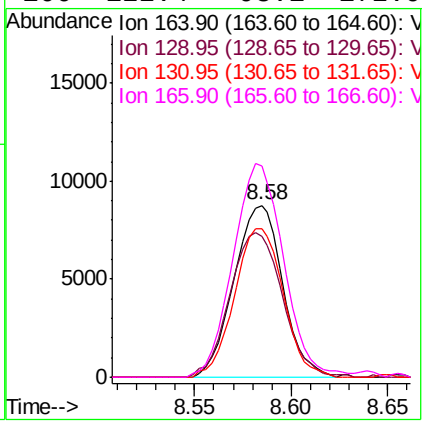


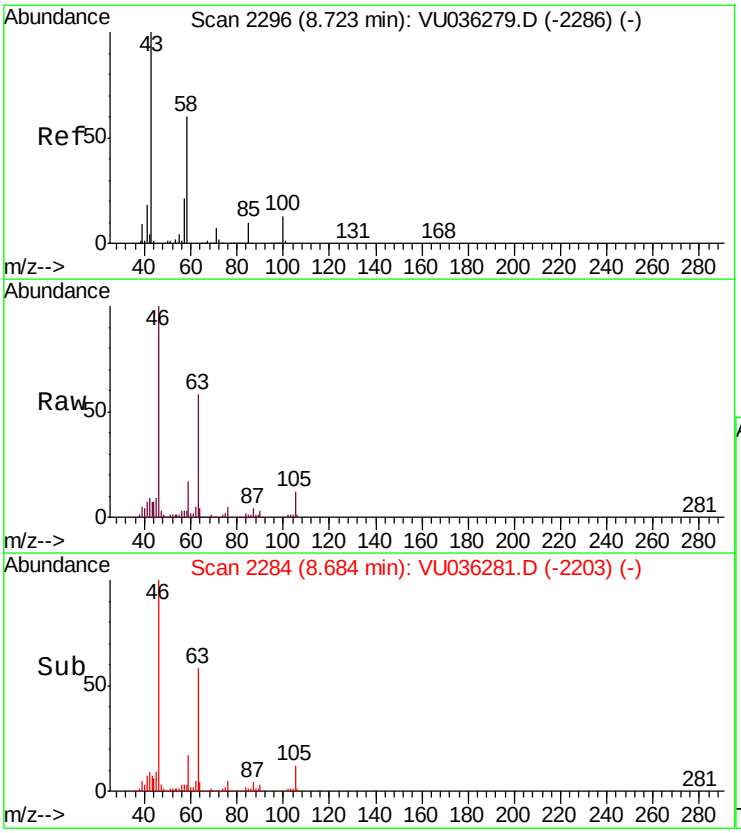
#47
Tetrachloroethene
Concen: 0.829 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Instrument : MSVOA_U
ClientSampleId : BD804

Tgt Ion:164 Resp: 15374

Ion	Ratio	Lower	Upper
164	100		
129	81.9	64.2	119.2
131	86.1	66.6	123.8
166	122.4	93.1	172.9

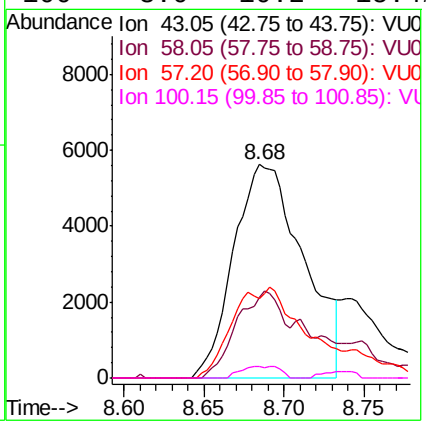


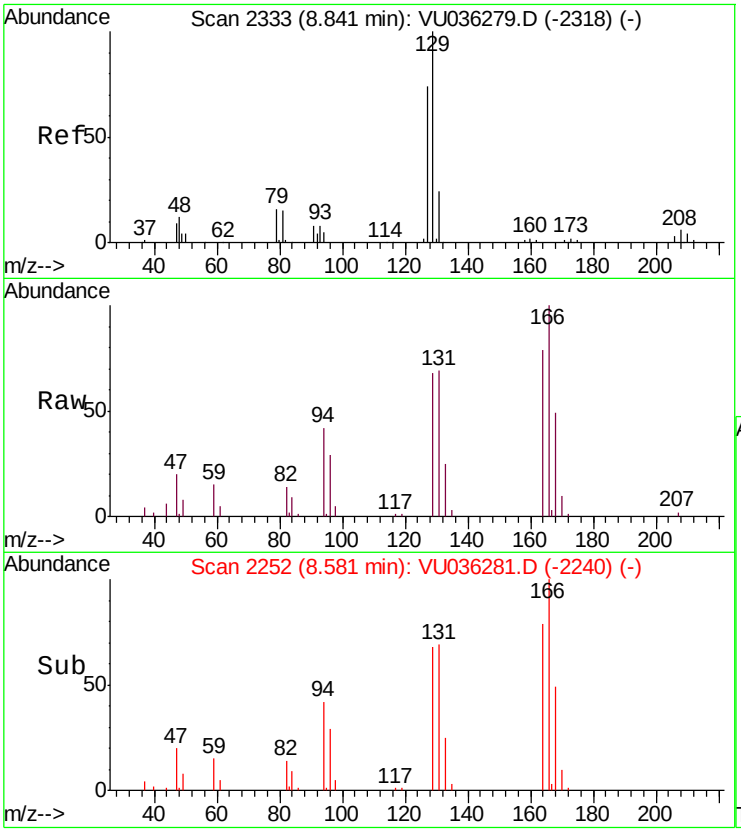


#48
2-Hexanone
Concen: 2.136 ug/L
RT: 8.68 min Scan# 2284
Delta R.T. -0.04 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Tgt Ion: 43 Resp: 16937

Ion	Ratio	Lower	Upper
43	100		
58	27.1	46.2	69.2#
57	17.4	16.2	24.4
100	3.0	10.2	15.4#



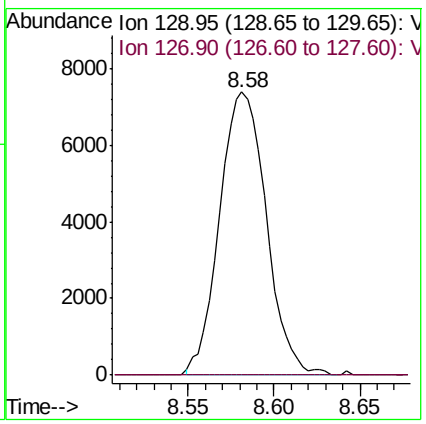


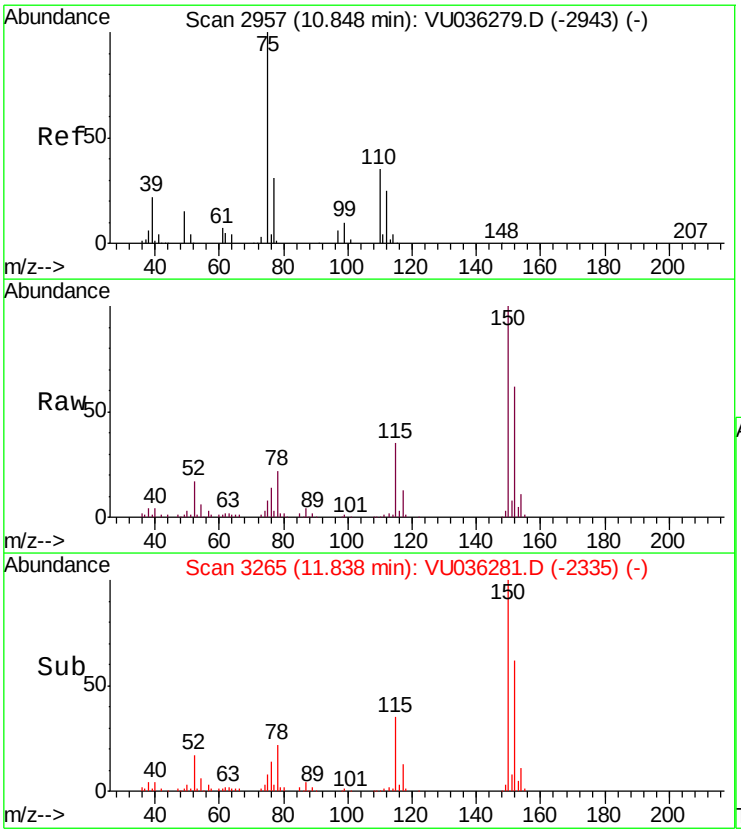
#49
Dibromochloromethane
Concen: 0.740 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Instrument :
MSVOA_U
ClientSampleId :
BD804

Tgt Ion:129 Resp: 13932

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#





#59
1,2,3-Trichloropropane
Concen: 0.601 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036281.D
Acq: 19 Dec 2019 11:05

Tgt Ion: 75 Resp: 8112

Ion	Ratio	Lower	Upper
75	100		
77	41.2	27.2	40.8#