Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100719\

Quantitation Report (Not Reviewed)

Data File : VU034974.D
Acq On : 07 Oct 2019 21:03
Operator : JC/SP
Sample : K5219-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : RD-7-001-01

Quant Time: Oct 09 04:04:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	176723	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	178892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	75673	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	48342	4.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.60%			
7) Chloroethane-d5	1.67	69	46930	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.26	63	72920	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	4.17	46	154482	50.22	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.44%			
24) Chloroform-d	4.62	84	78138	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.00%			
26) 1,2-Dichloroethane-d4	5.29	65	58751	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.31	84	206765	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.31	67	71405	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.54	98	191027	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	7.84	79	22973	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.30	63	117370	48.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.80%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57905	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	70660	5.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%			
Target Compounds						Qvalue
13) Acetone	2.32	43	5411	2.148	ug/L	99
17) Methyl tert-butyl Ether	2.99	73	22211	0.717	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	1078	0.089	ug/L	79
22) cis-1,2-Dichloroethene	4.20	96	57817	4.264	ug/L	95
25) Chloroform	4.65	83	31942	1.177	ug/L	100
34) Trichloroethene	6.16	95	38631	2.780	ug/L	94
35) Methylcyclohexane	6.31	83	15353	0.682	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	7996	0.550	ug/L #	89
47) Tetrachloroethene	8.21	164	113702	10.108	ug/L	98
49) Dibromochloromethane	8.21	129	104602	9.377	ug/L #	13
59) 1,2,3-Trichloropropane	11.46	75	9760	1.037	ug/L	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100719\

Quantitation Report (Not Reviewed)

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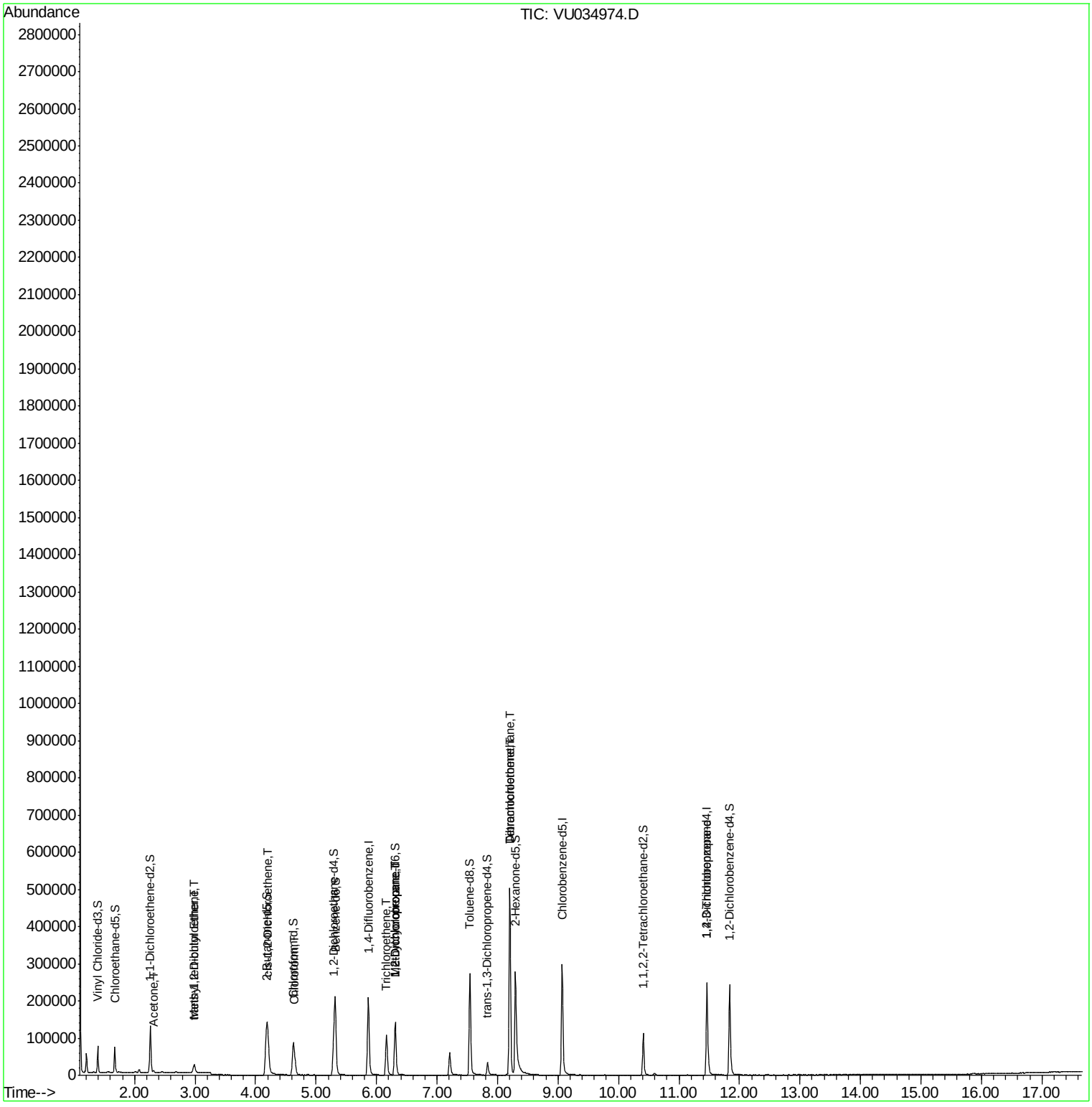
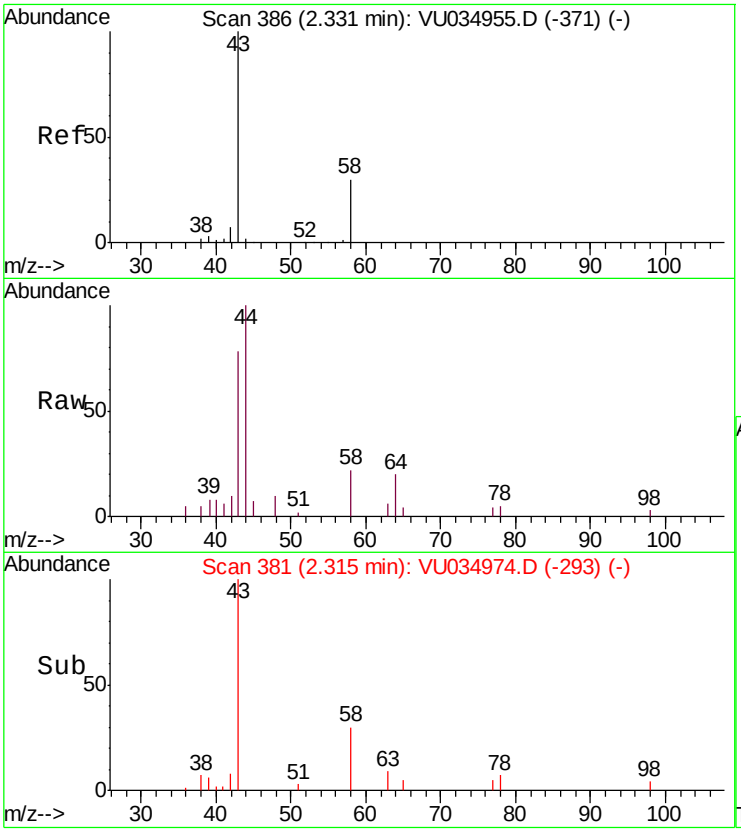
Instrument : MSVOA_U
ClientSampleId : RD-7-001-01

Quant Time: Oct 09 04:04:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration



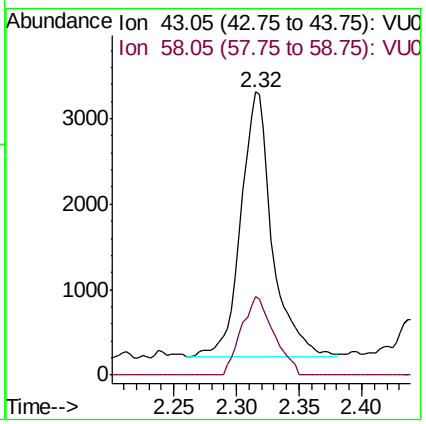


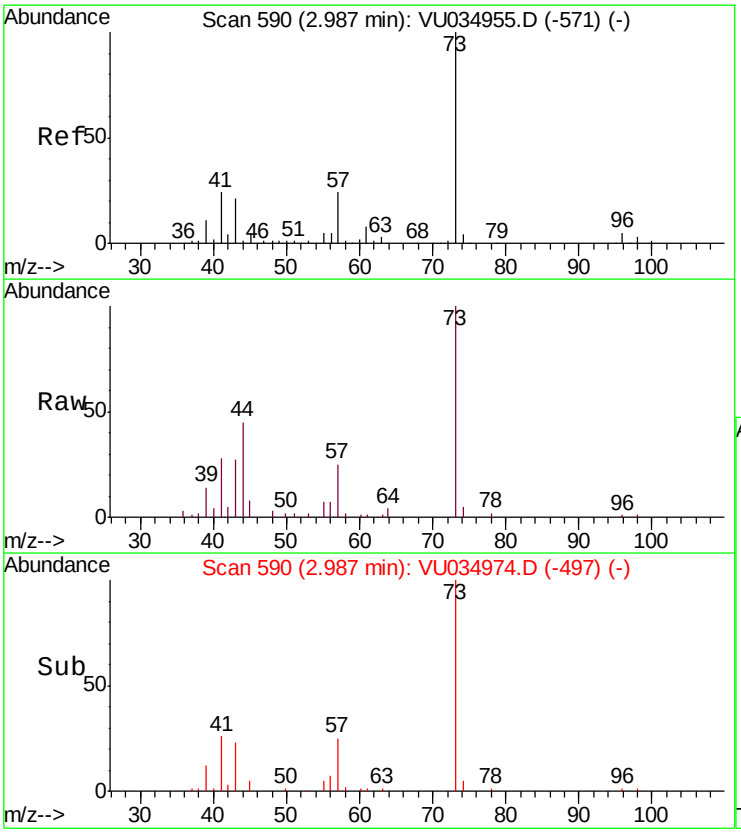
#13
Acetone
Concen: 2.148 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.02 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Instrument : MSVOA_U
ClientSampleId : RD-7-001-01

Tgt Ion: 43 Resp: 5411

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	60.8

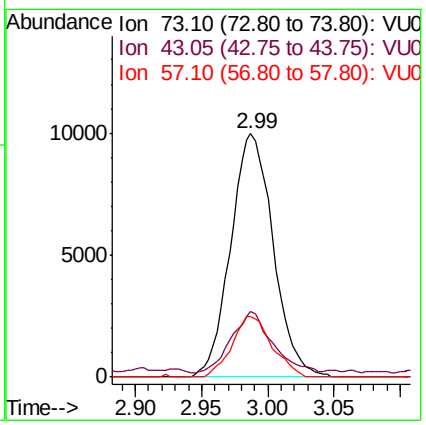


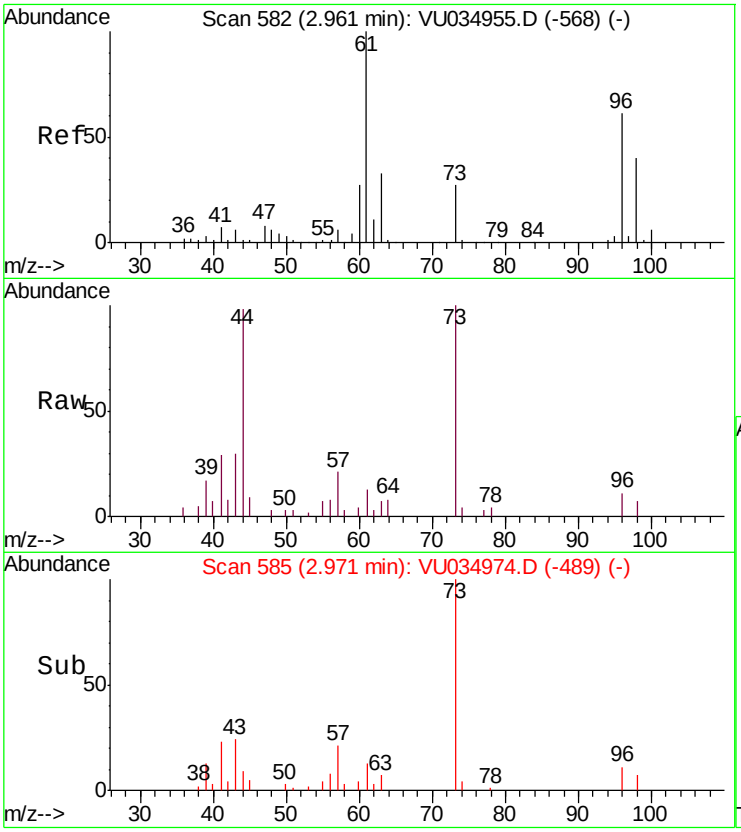


#17
Methyl tert-butyl Ether
Concen: 0.717 ug/L
RT: 2.99 min Scan# 590
Delta R.T. -0.00 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Tgt Ion: 73 Resp: 22211

Ion	Ratio	Lower	Upper
73	100		
43	23.7	17.4	26.0
57	23.5	19.2	28.8



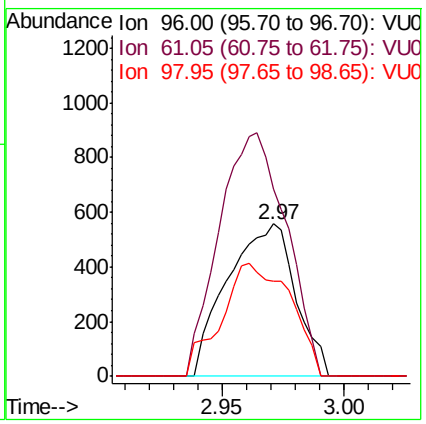


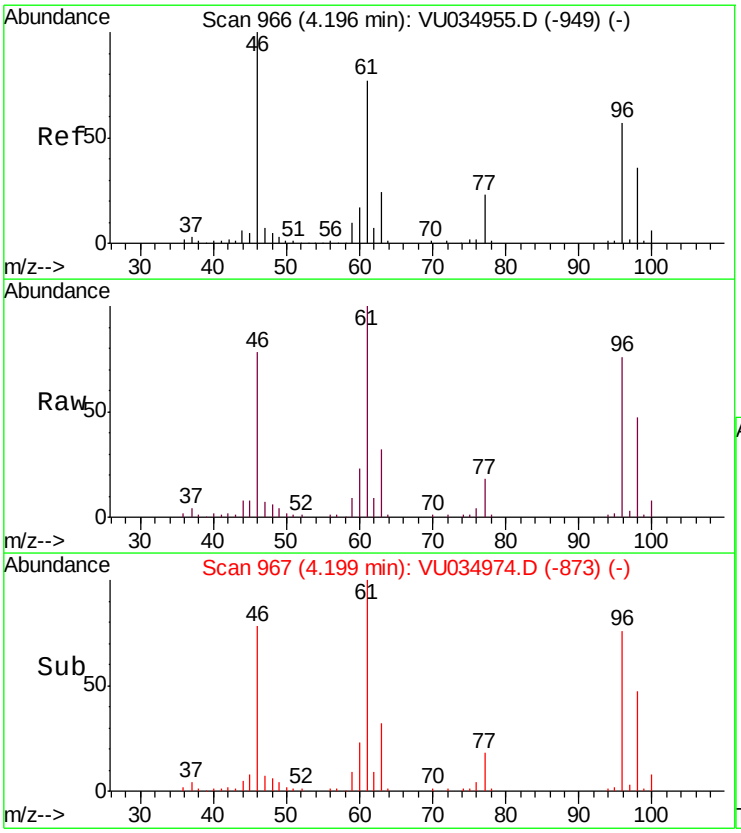
#18
trans-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 2.97 min Scan# 585
Delta R.T. 0.01 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Instrument :
MSVOA_U
ClientSampleId :
RD-7-001-01

Tgt Ion: 96 Resp: 1078

Ion	Ratio	Lower	Upper
96	100		
61	123.2	112.3	208.7
98	62.8	43.5	80.9

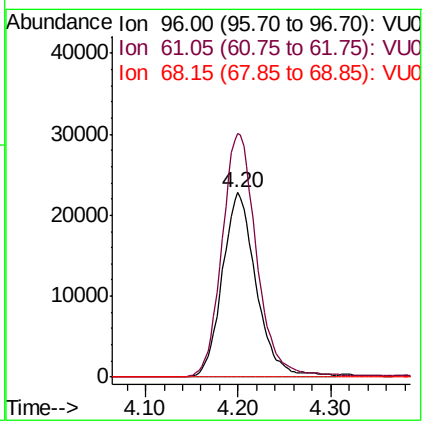


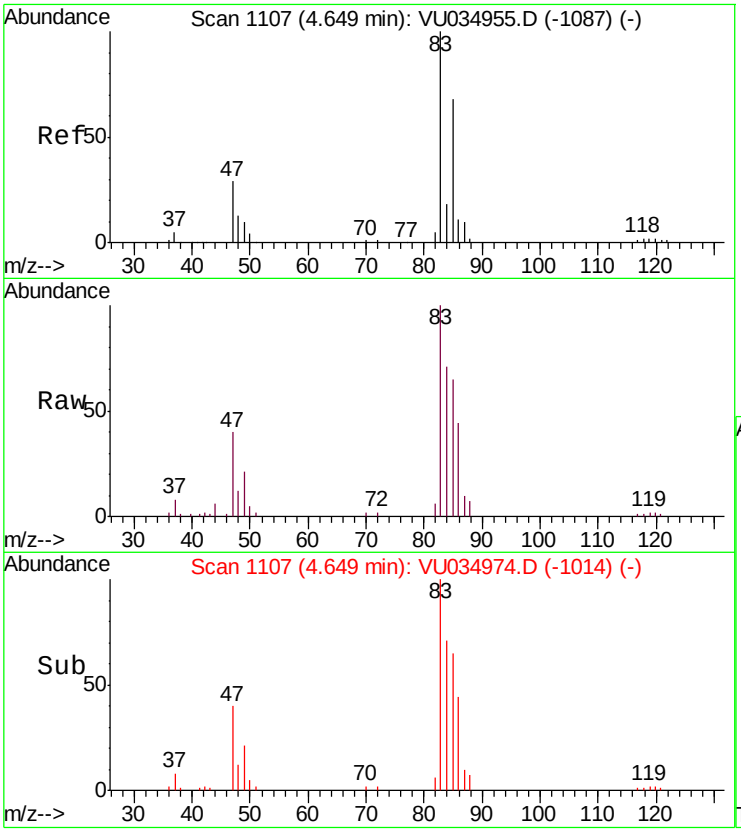


#22
cis-1,2-Dichloroethene
Concen: 4.264 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Tgt Ion: 96 Resp: 57817

Ion	Ratio	Lower	Upper
96	100		
61	132.0	96.4	179.0
68	0.0	0.0	0.0



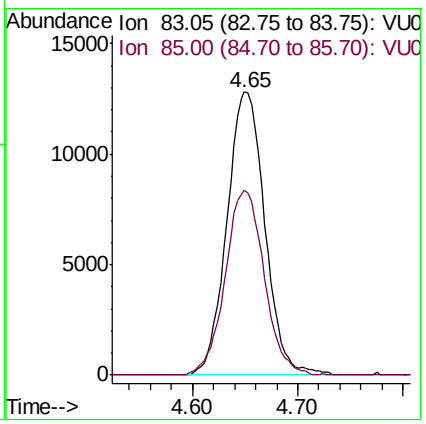


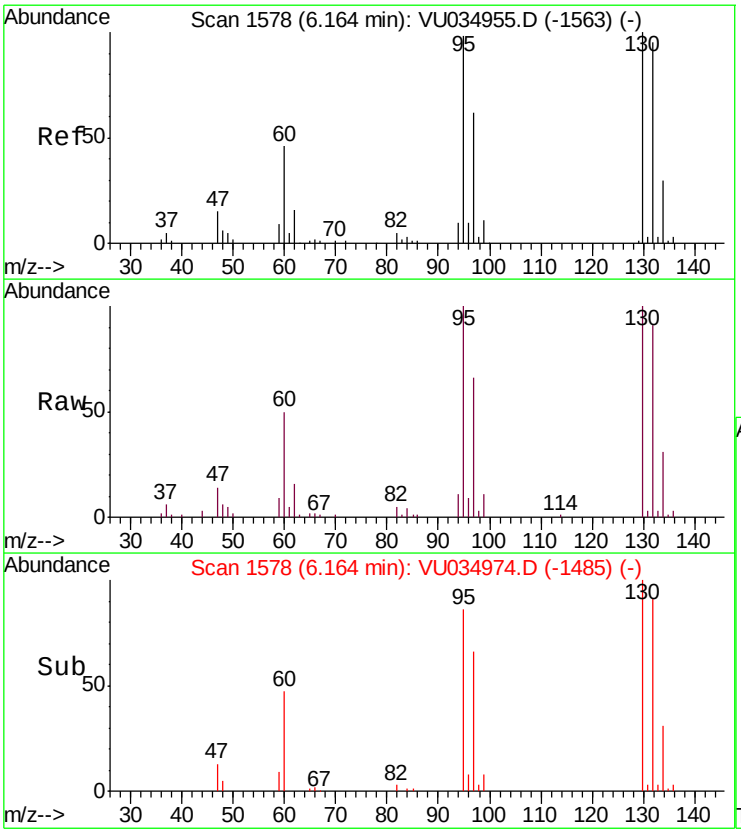
#25
Chloroform
Concen: 1.177 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Instrument :
MSVOA_U
ClientSampleId :
RD-7-001-01

Tgt Ion: 83 Resp: 31942

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.4	84.4

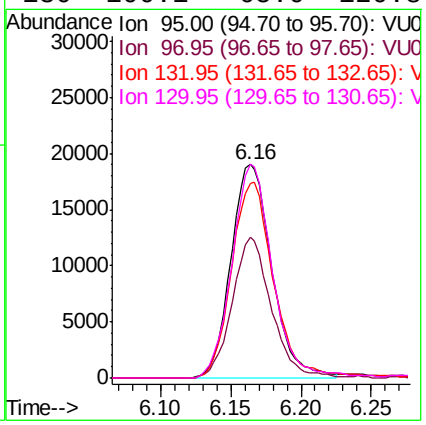


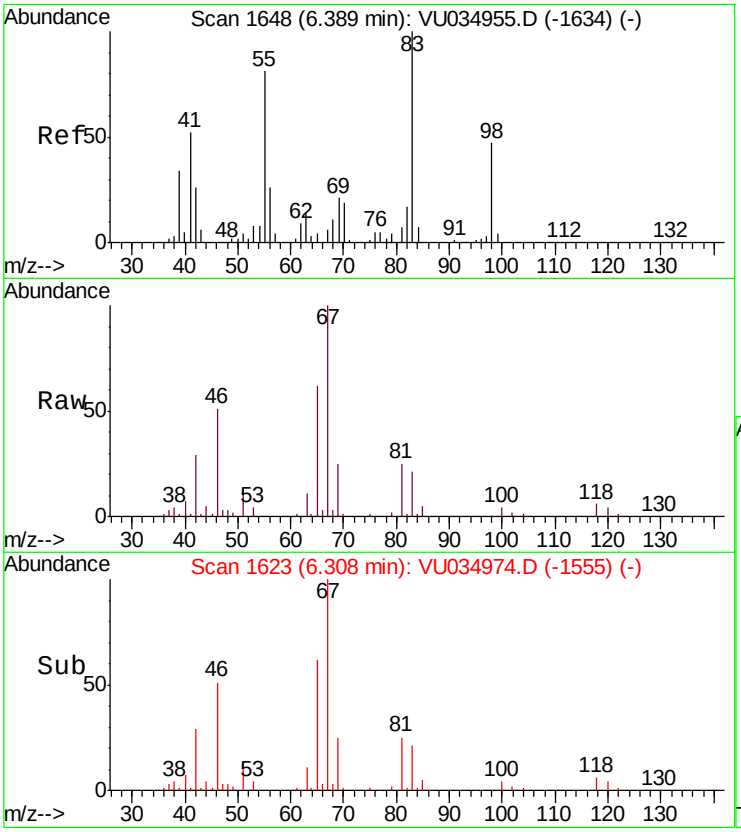


#34
Trichloroethene
Concen: 2.780 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Tgt Ion: 95 Resp: 38631

Ion	Ratio	Lower	Upper
95	100		
97	65.9	42.5	78.9
132	91.2	65.8	122.2
130	100.1	65.0	120.8



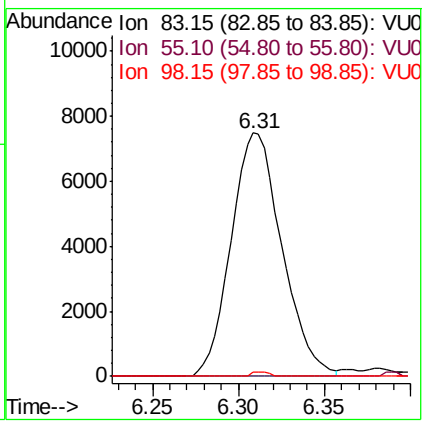


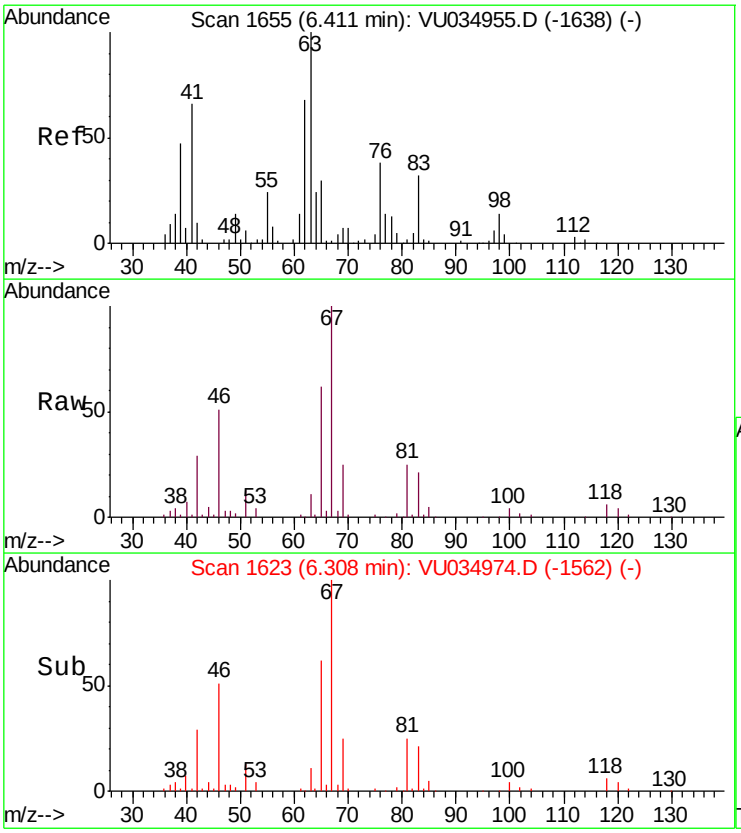
#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Instrument :
MSVOA_U
ClientSampleId :
RD-7-001-01

Tgt Ion: 83 Resp: 15353

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.4	93.6#
98	0.7	35.5	53.3#

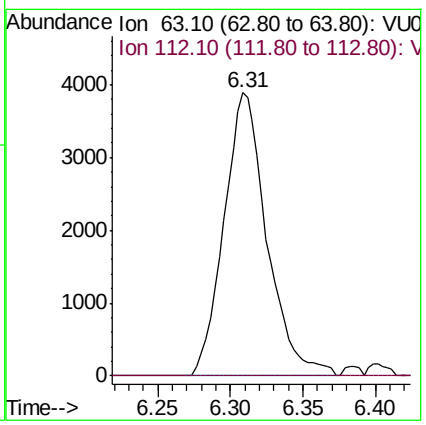


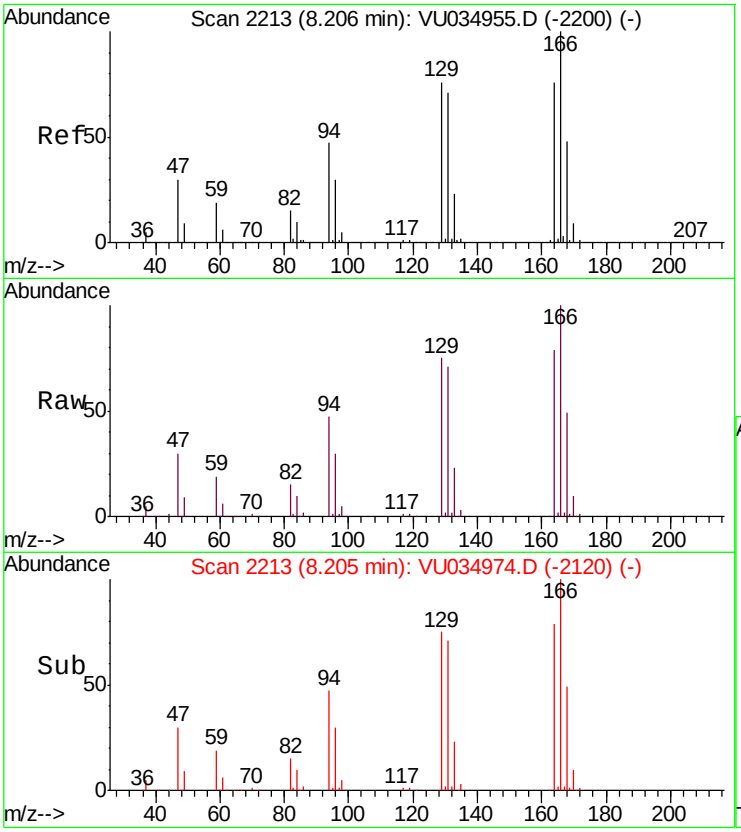


#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Tgt Ion: 63 Resp: 7996

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



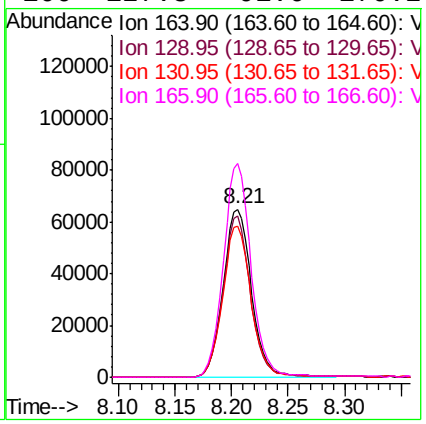


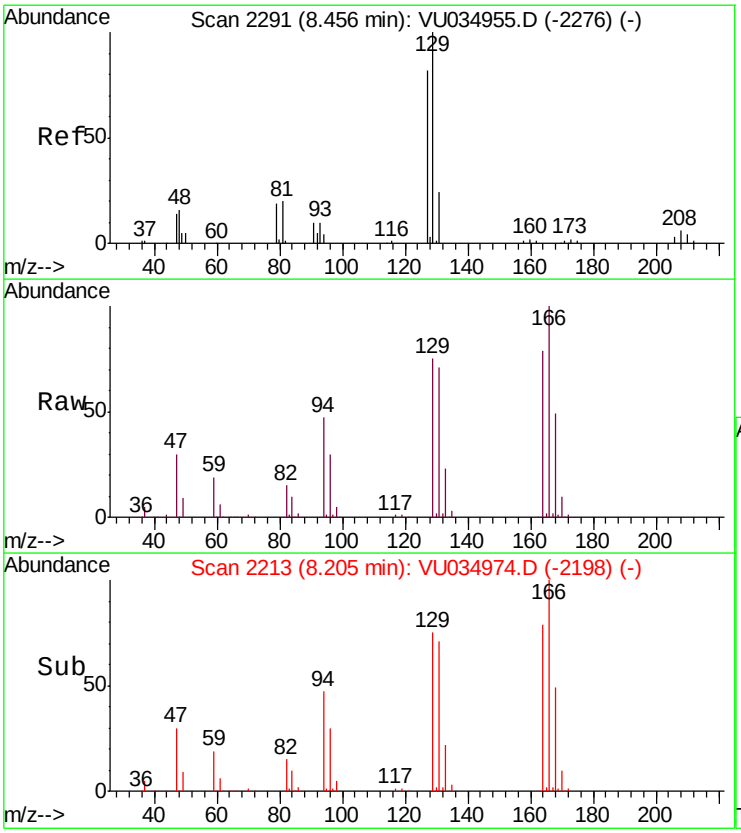
#47
Tetrachloroethene
Concen: 10.108 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Instrument :
MSVOA_U
ClientSampleId :
RD-7-001-01

Tgt Ion:164 Resp: 113702

Ion	Ratio	Lower	Upper
164	100		
129	96.0	66.5	123.5
131	89.9	63.3	117.7
166	127.3	91.6	170.2

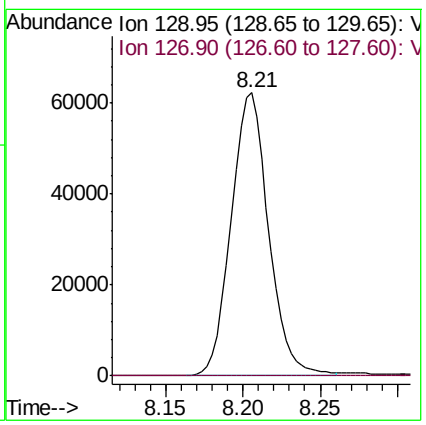


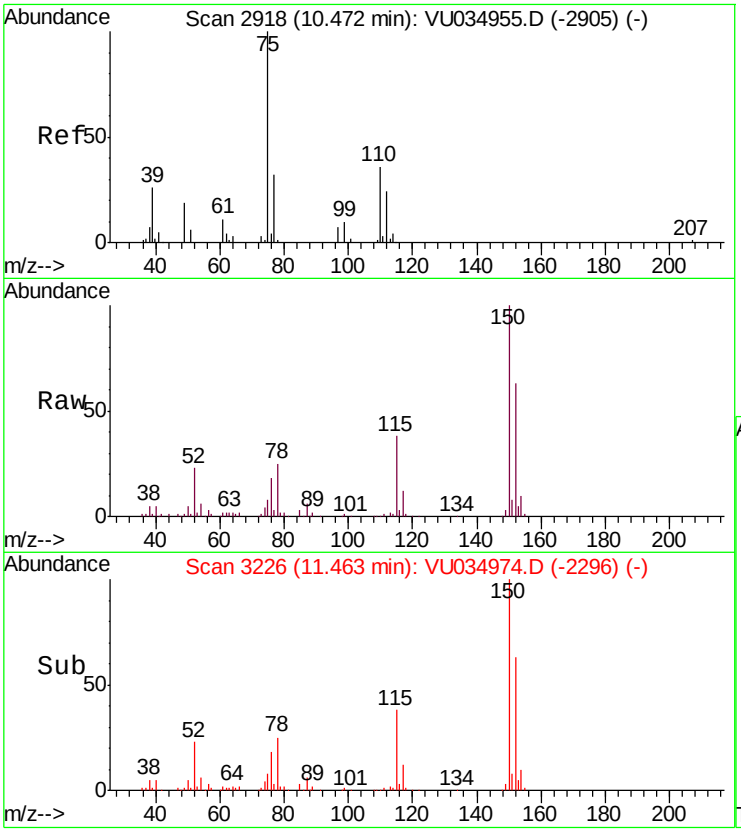


#49
Dibromochloromethane
Concen: 9.377 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Tgt Ion:129 Resp: 104602

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.2	95.0#





#59
1,2,3-Trichloropropane
Concen: 1.037 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034974.D
Acq: 07 Oct 2019 21:03

Instrument :
MSVOA_U
ClientSampleId :
RD-7-001-01

Tgt Ion: 75 Resp: 9760

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.8	38.6