Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\
Data File : VU035148.D
Acq On : 14 Oct 2019 14:23
Operator : JC/SP
Sample : K5311-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P0002-STEELE-191007-01

Quant Time: Oct 15 07:48:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	161566	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61793	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	47599	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%			
7) Chloroethane-d5	1.68	69	45866	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.80%			
11) 1,1-Dichloroethene-d2	2.26	63	70179	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	4.17	46	147013	52.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.54%			
24) Chloroform-d	4.63	84	91159	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.29	65	55118	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.32	84	183863	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.31	67	66424	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.55	98	152455	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%			
43) trans-1,3-Dichloropropene-	7.84	79	18964	4.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.20%			
46) 2-Hexanone-d5	8.31	63	100123	45.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.02%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56753	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	52222	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	8077	0.547	ug/L	99
3) Chloromethane	1.32	50	2781	0.172	ug/L	94
13) Acetone	2.31	43	7781	3.378	ug/L	98
17) Methyl tert-butyl Ether	2.99	73	7549	0.267	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	41892	3.380	ug/L	89
34) Trichloroethene	6.16	95	38419	2.983	ug/L	96
47) Tetrachloroethene	8.21	164	43033	4.128	ug/L	93

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

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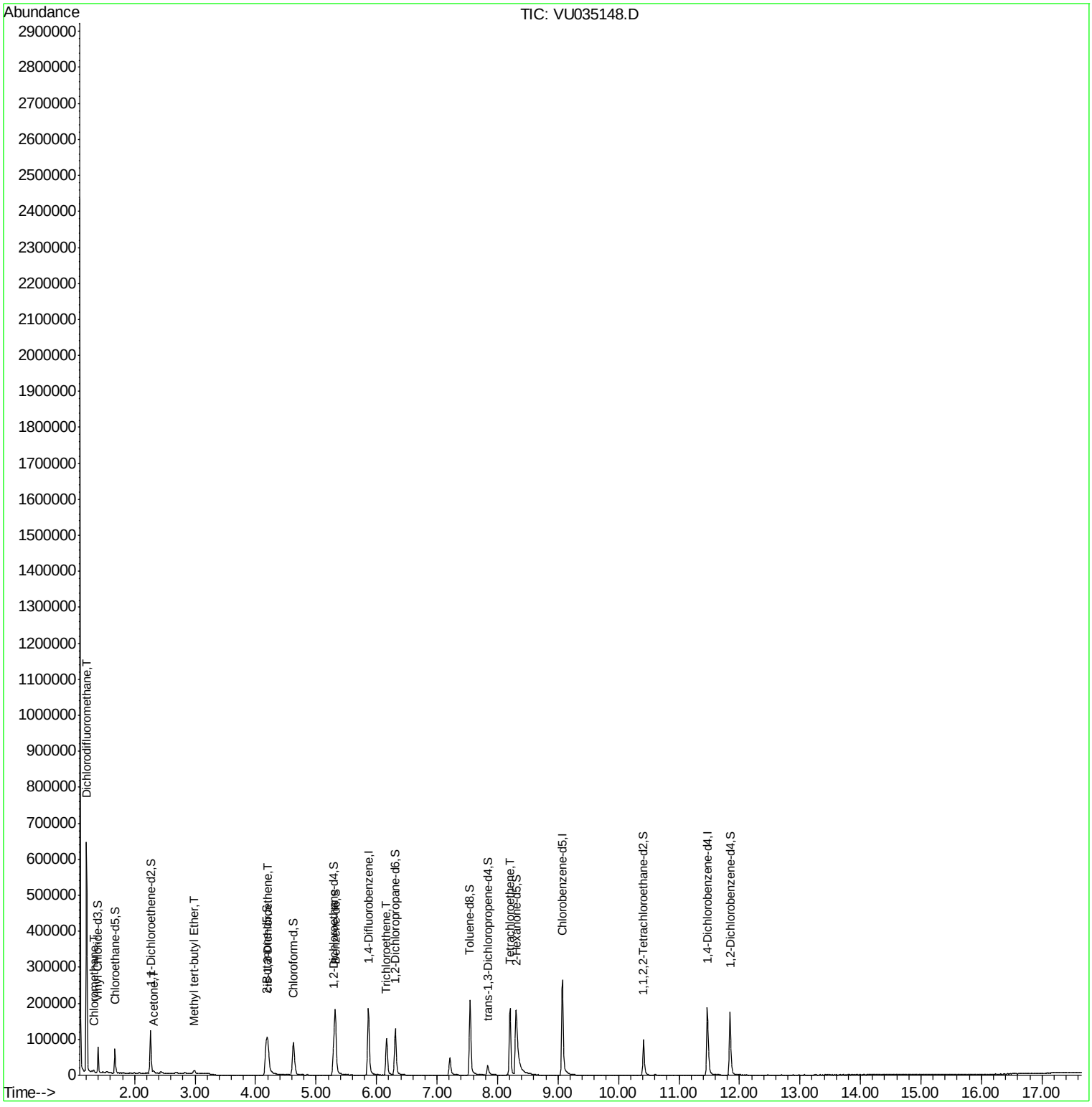
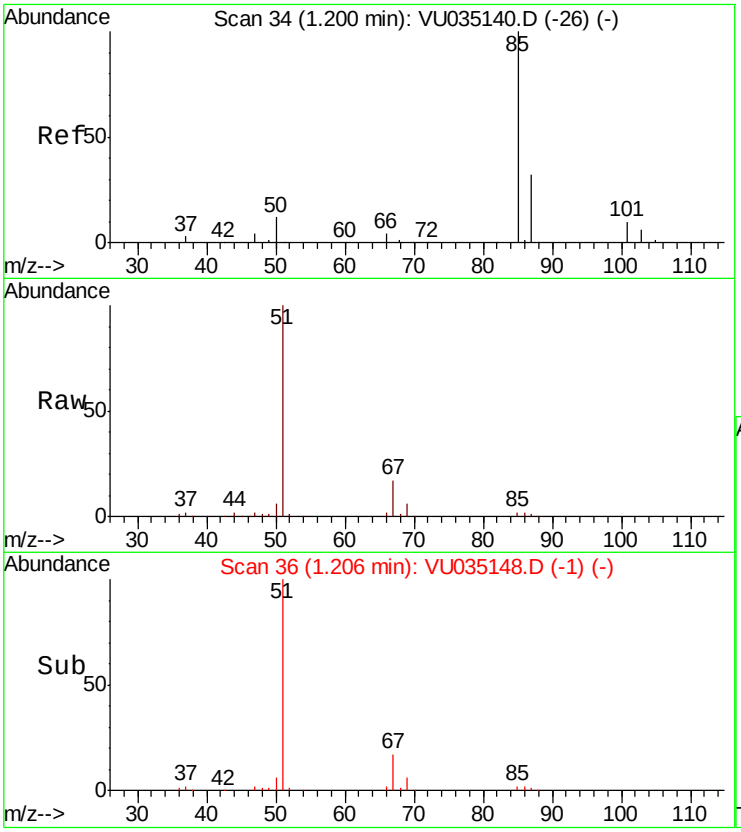


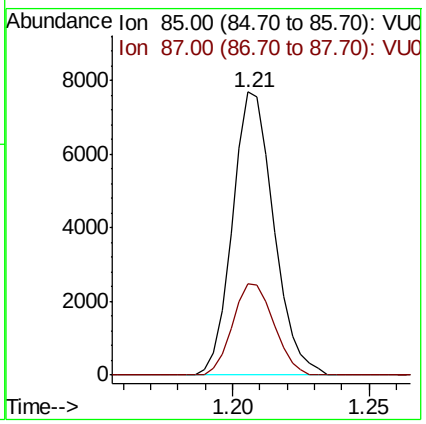


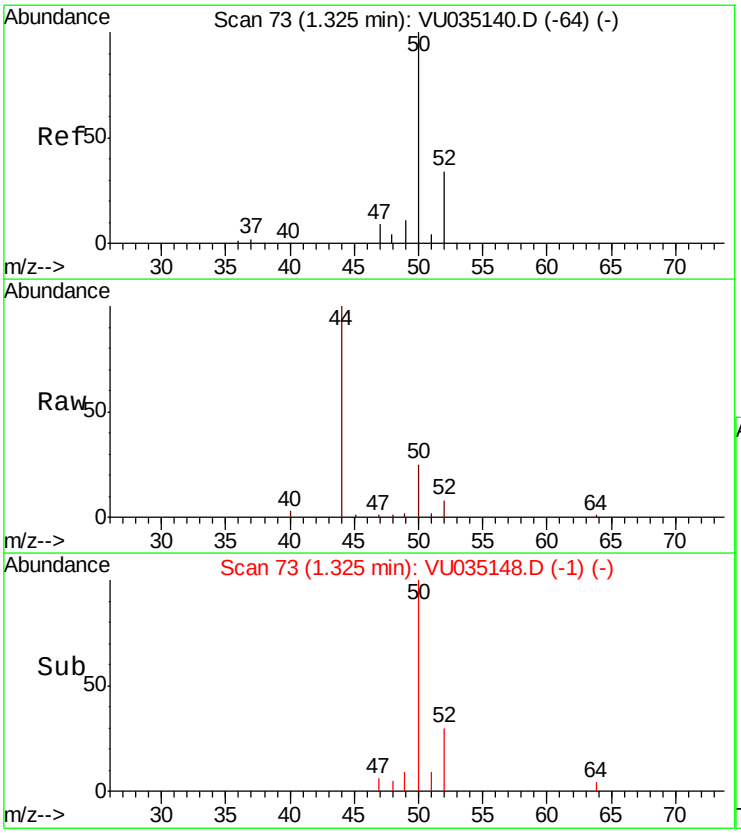
#2
Dichlorodifluoromethane
Concen: 0.547 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.01 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 85 Resp: 8077

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.3	39.5

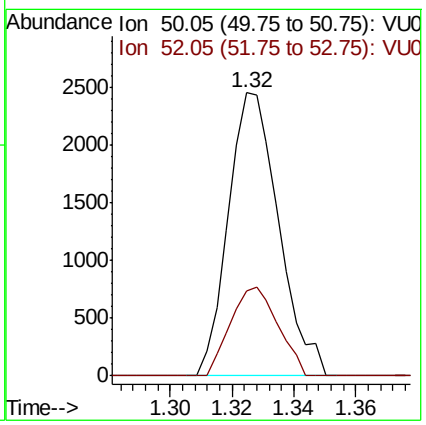


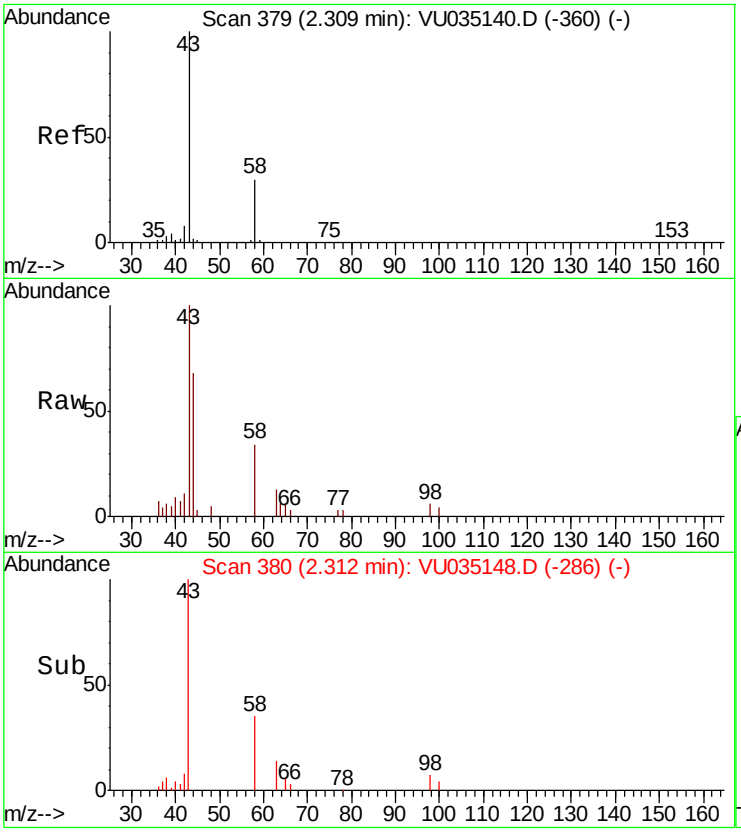


#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 50 Resp: 2781

Ion	Ratio	Lower	Upper
50	100		
52	29.8	23.3	43.3



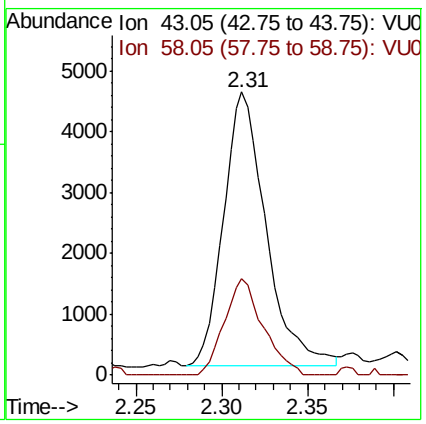


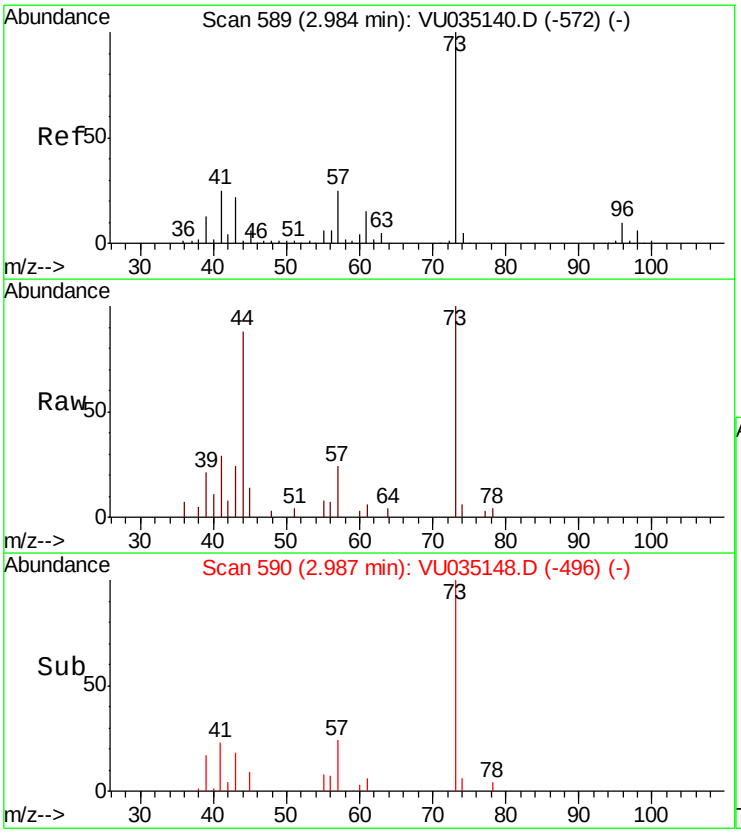
#13
Acetone
Concen: 3.378 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 43 Resp: 7781

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	66.6

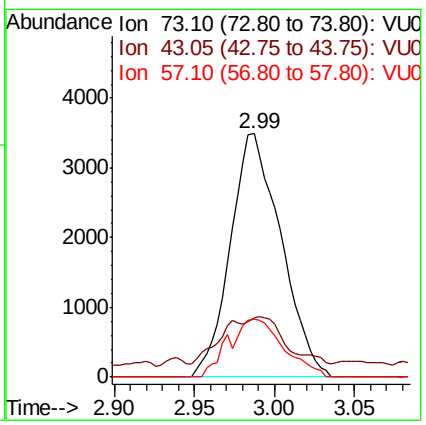


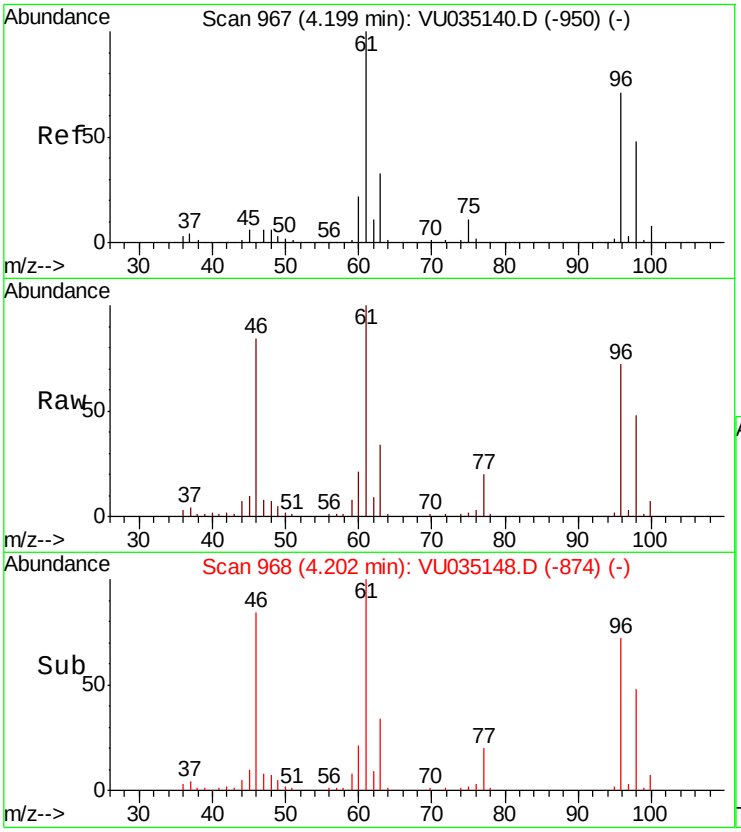


#17
Methyl tert-butyl Ether
Concen: 0.267 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 73 Resp: 7549

Ion	Ratio	Lower	Upper
73	100		
43	19.6	16.3	24.5
57	20.7	18.6	28.0



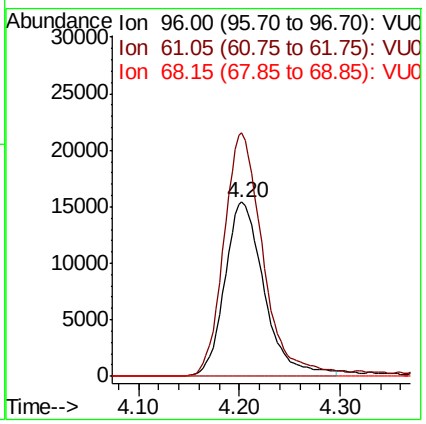


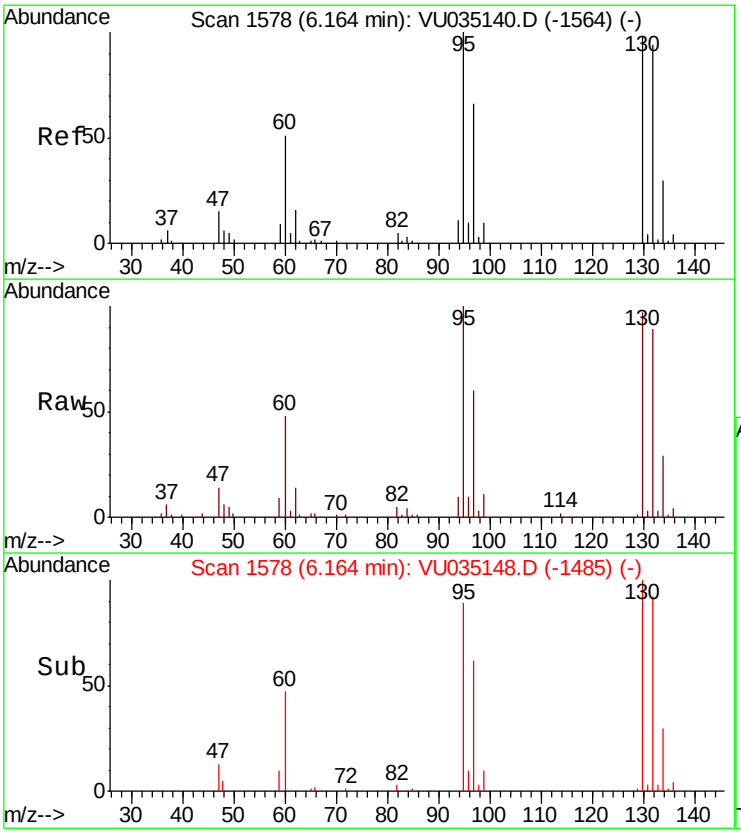
#22
cis-1,2-Dichloroethene
Concen: 3.380 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 96 Resp: 41892

Ion	Ratio	Lower	Upper
96	100		
61	139.8	89.2	165.6
68	0.0	0.0	0.0

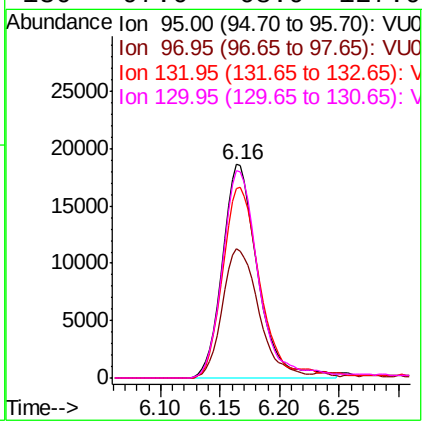


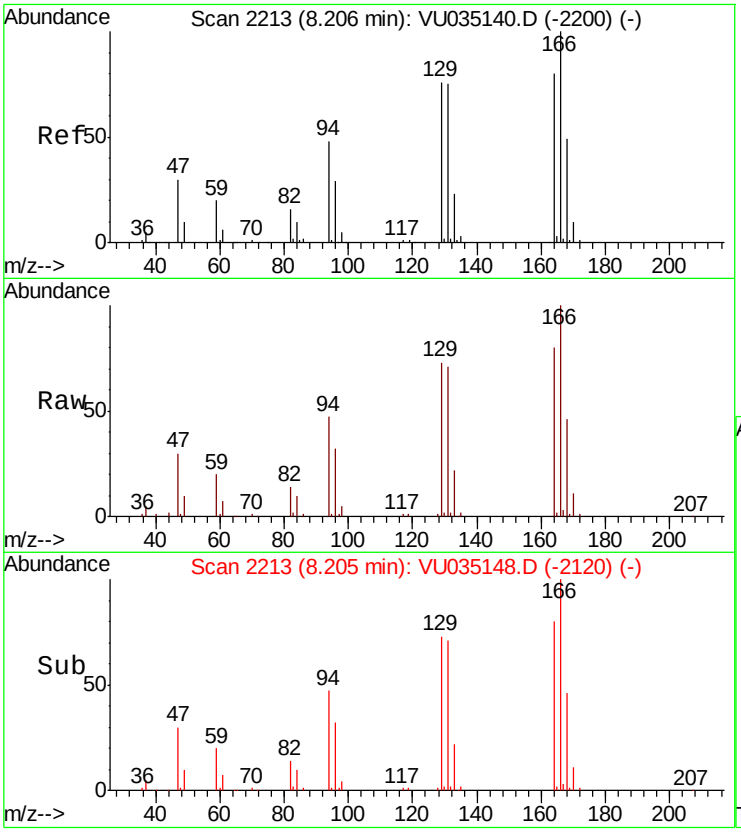


#34
Trichloroethene
Concen: 2.983 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 95 Resp: 38419

Ion	Ratio	Lower	Upper
95	100		
97	60.4	44.5	82.7
132	88.9	66.6	123.8
130	97.0	68.9	127.9





#47
Tetrachloroethene
Concen: 4.128 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion:164 Resp: 43033

Ion	Ratio	Lower	Upper
164	100		
129	91.3	68.5	127.1
131	88.9	67.3	124.9
166	125.8	93.1	172.9