Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051520\
Data File : VU038198.D
Acq On : 15 May 2020 15:17
Operator : JC/MD
Sample : L2657-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFST7

Quant Time: May 18 16:11:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 16 03:30:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	330614	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	323079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153091	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	112508	3.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.40%			
7) Chloroethane-d5	1.93	69	110823	4.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.80%			
11) 1,1-Dichloroethene-d2	2.59	63	154607	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.66	46	403419	54.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.14%			
24) Chloroform-d	5.10	84	213121	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.74	65	130174	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.76	84	452441	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.72	67	151026	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.92	98	391747	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	8.20	79	51953	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.65	63	332540	56.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.52%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119541	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
64) 1,2-Dichlorobenzene-d4	12.20	152	146301	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	139213	4.604	ug/L	99
9) Trichlorofluoromethane	2.16	101	12537	0.343	ug/L	100
12) 1,1-Dichloroethene	2.61	96	8591	0.374	ug/L #	1
17) Methyl tert-butyl Ether	3.40	73	43998	0.690	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	2482	0.099	ug/L	80
19) 1,1-Dichloroethane	3.92	63	6373	0.130	ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	58528	2.168	ug/L	100
34) Trichloroethene	6.57	95	1361779	52.627	ug/L	98
47) Tetrachloroethene	8.57	164	1031355	56.983	ug/L	99

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

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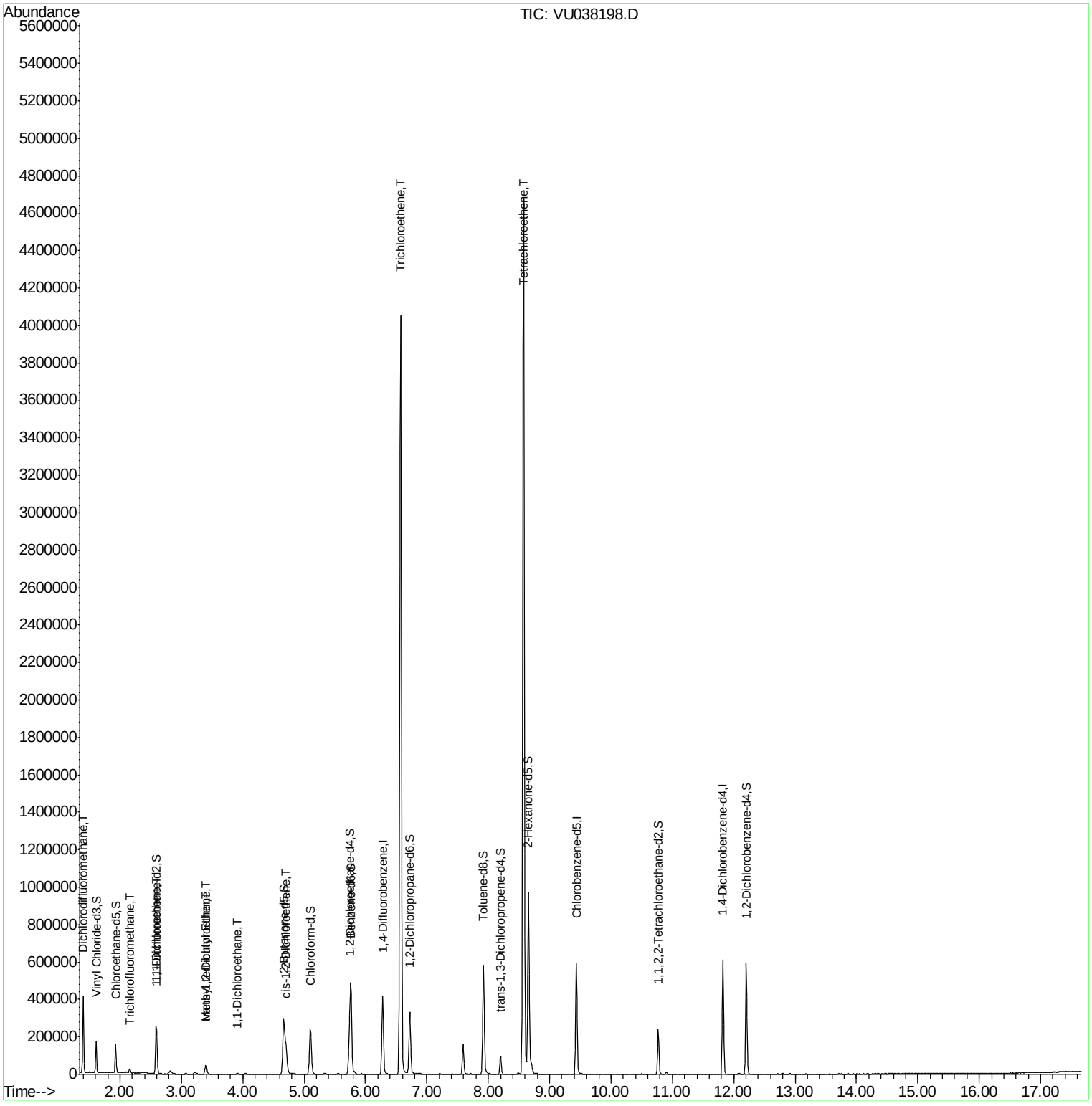
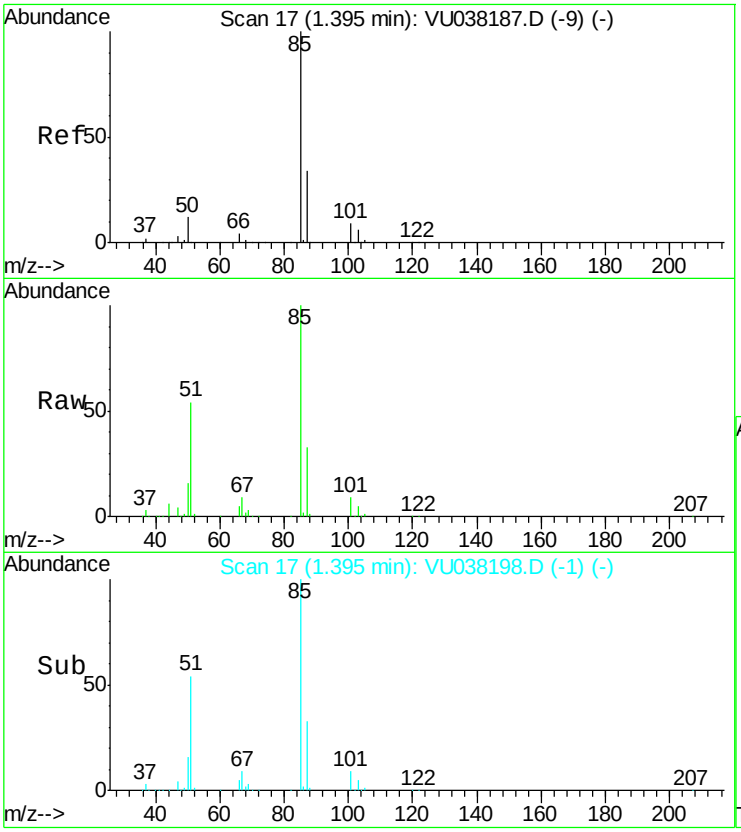


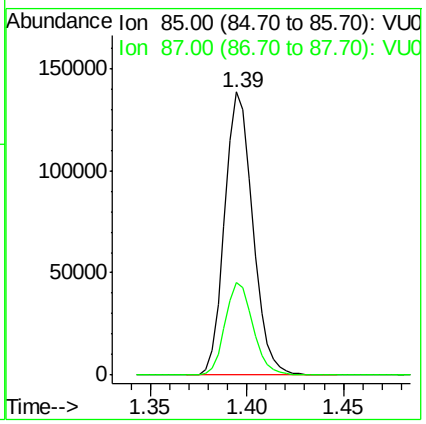


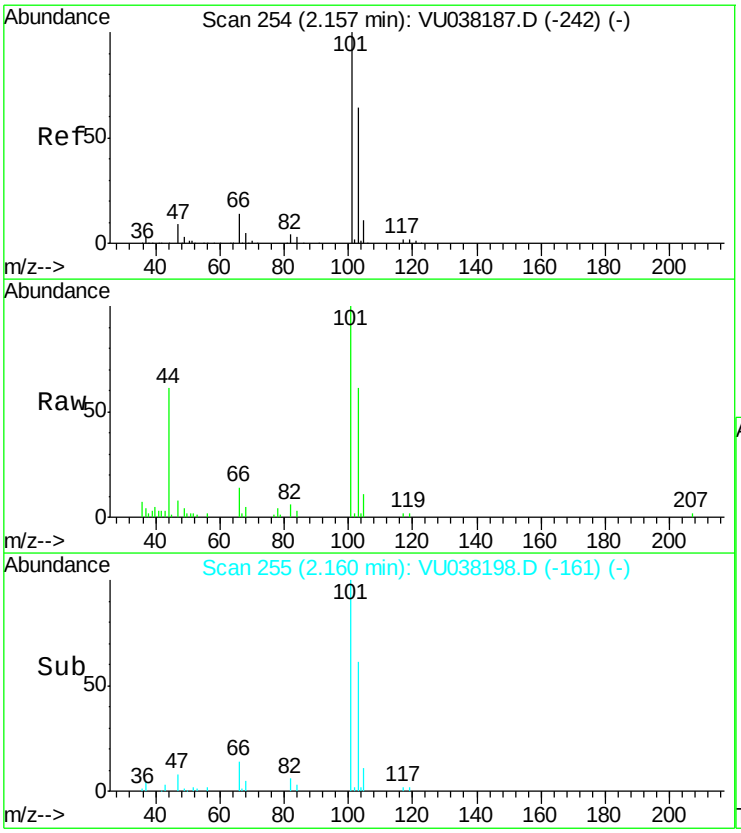
#2
Dichlorodifluoromethane
Concen: 4.604 ug/L
RT: 1.39 min Scan# 17
Delta R.T. -0.00 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFST7

Tgt Ion: 85 Resp: 139213

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.2	39.4

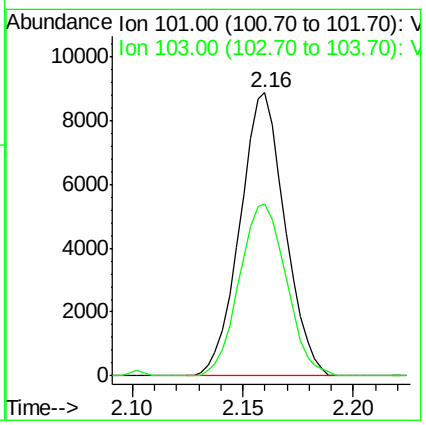


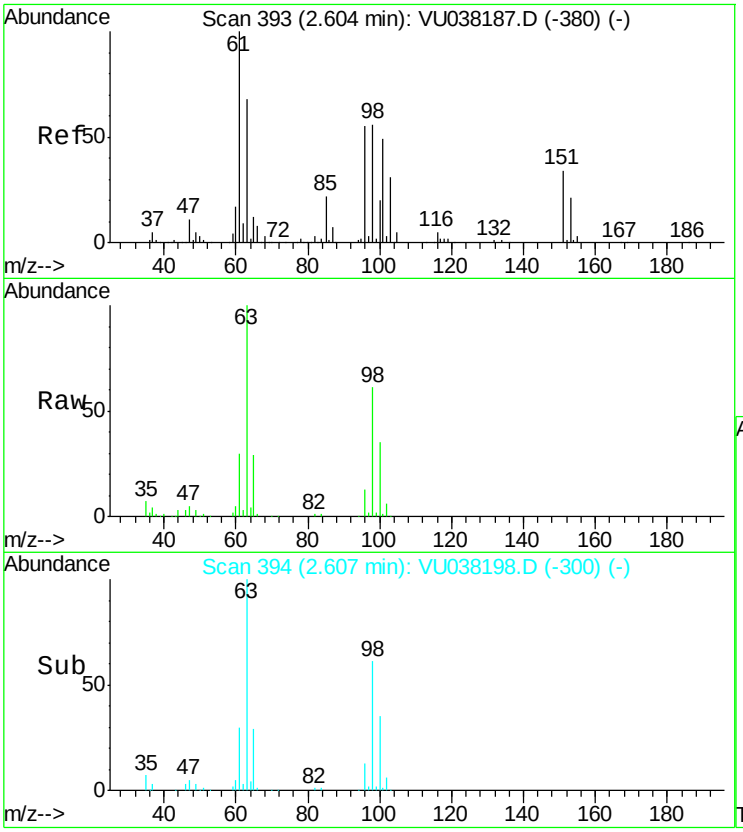


#9
Trichlorofluoromethane
Concen: 0.343 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Tgt Ion:101 Resp: 12537

Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.0	76.4



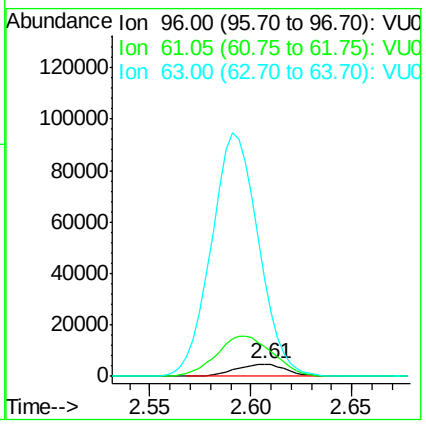


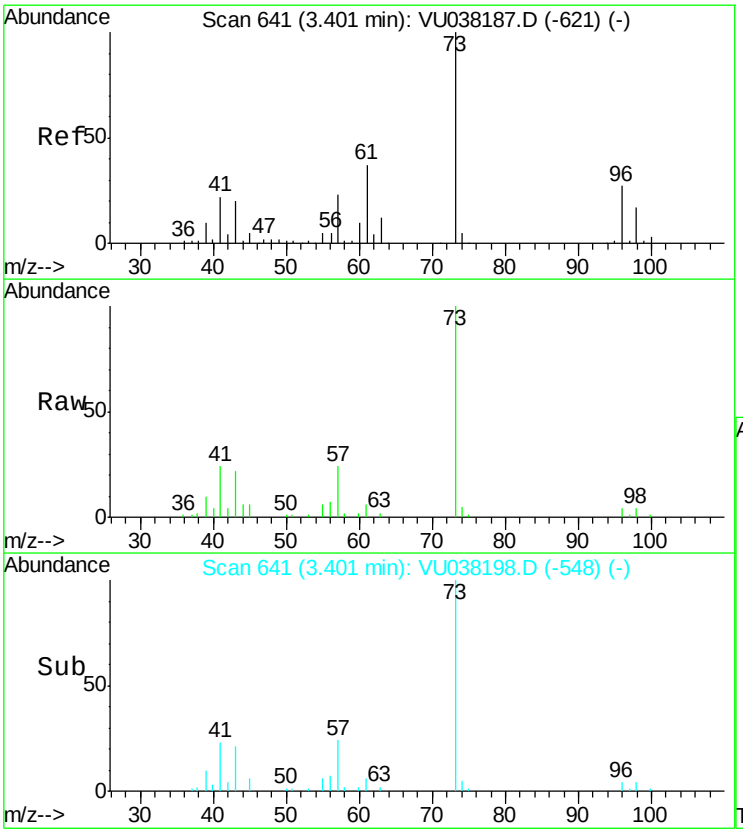
#12
1,1-Dichloroethene
Concen: 0.374 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFST7

Tgt Ion: 96 Resp: 8591

Ion	Ratio	Lower	Upper
96	100		
61	239.5	126.2	234.4#
63	786.9	96.9	179.9#

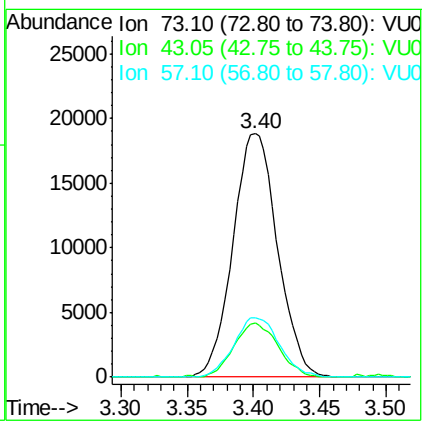


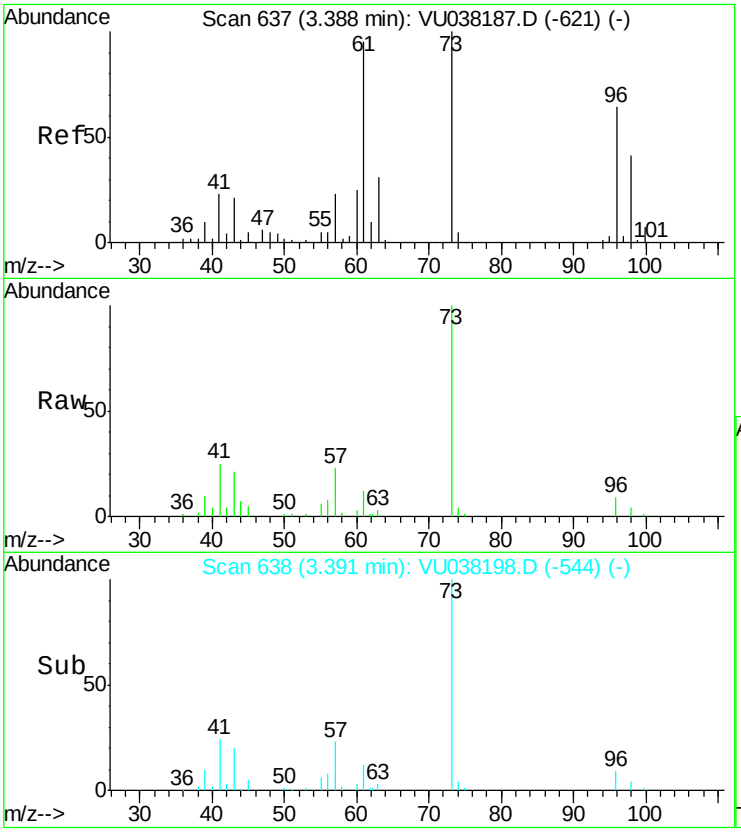


#17
Methyl tert-butyl Ether
Concen: 0.690 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Tgt Ion: 73 Resp: 43998

Ion	Ratio	Lower	Upper
73	100		
43	22.1	16.9	25.3
57	25.0	18.2	27.2



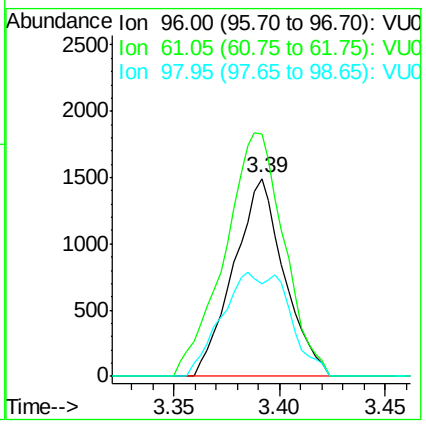


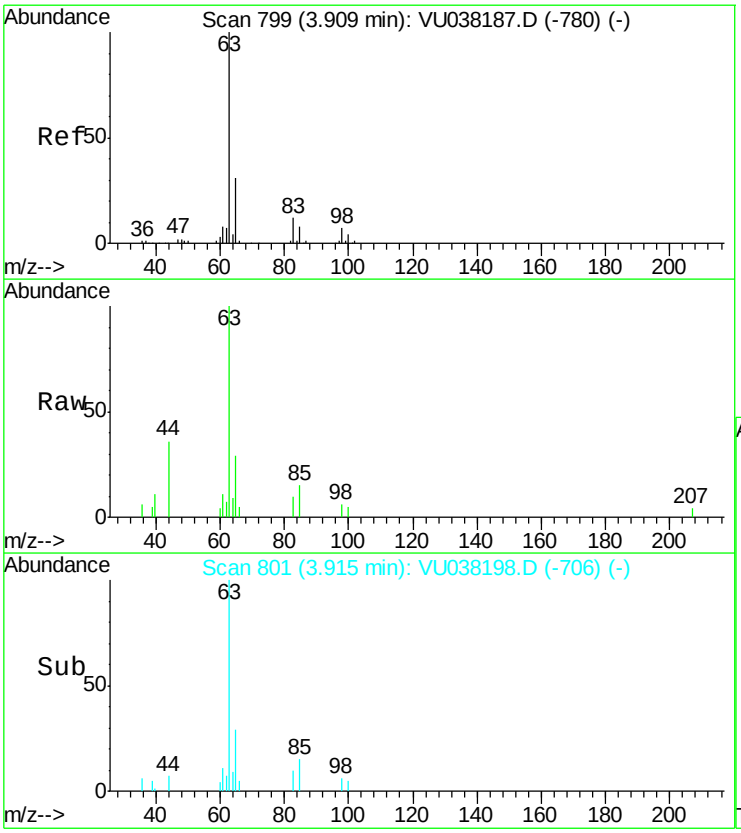
#18
trans-1,2-Dichloroethene
Concen: 0.099 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFST7

Tgt Ion: 96 Resp: 2482

Ion	Ratio	Lower	Upper
96	100		
61	122.5	102.1	189.5
98	46.8	45.6	84.8

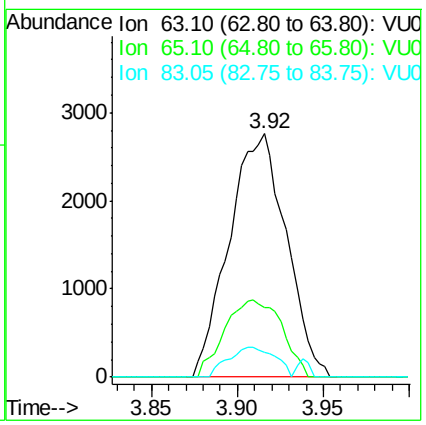


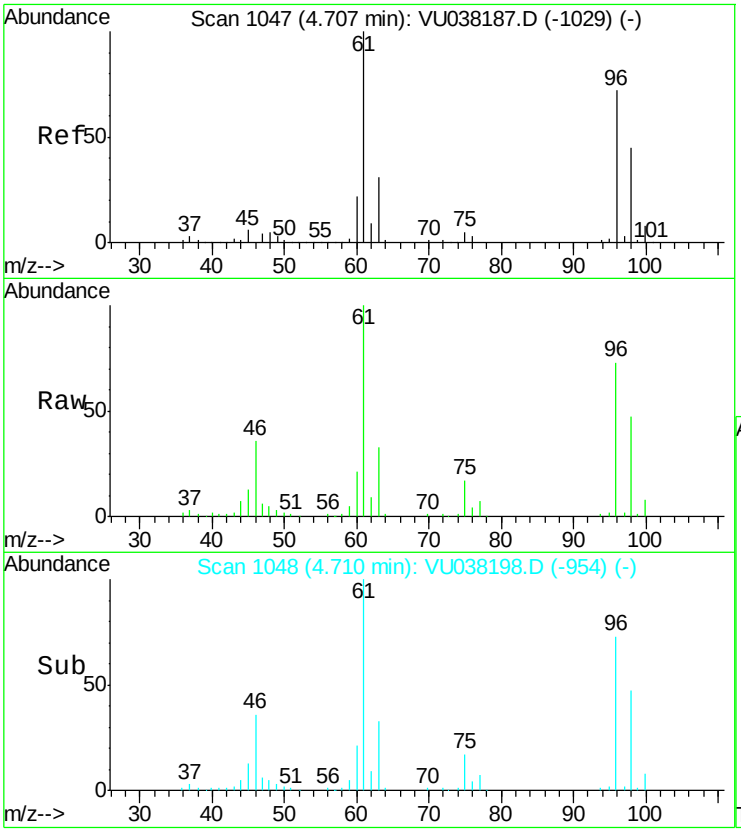


#19
1,1-Dichloroethane
Concen: 0.130 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.01 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Tgt Ion: 63 Resp: 6373

Ion	Ratio	Lower	Upper
63	100		
65	28.7	22.5	41.7
83	10.3	8.9	16.5



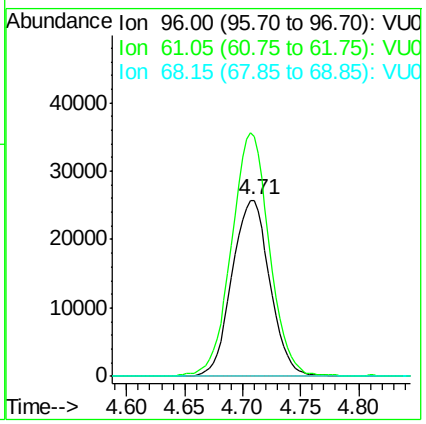


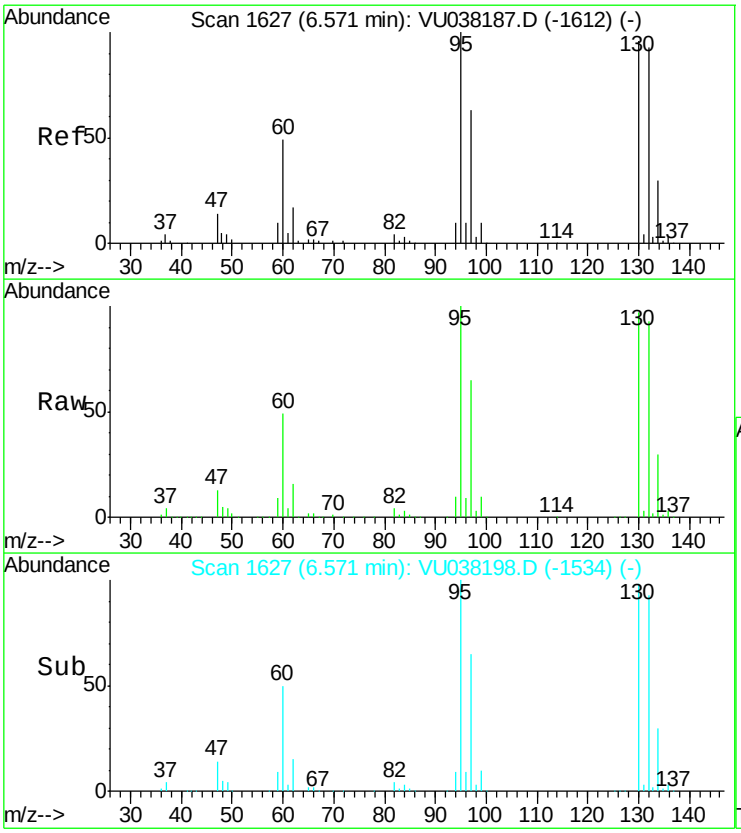
#22
cis-1,2-Dichloroethene
Concen: 2.168 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFST7

Tgt Ion: 96 Resp: 58528

Ion	Ratio	Lower	Upper
96	100		
61	136.2	95.3	176.9
68	0.0	0.0	0.0

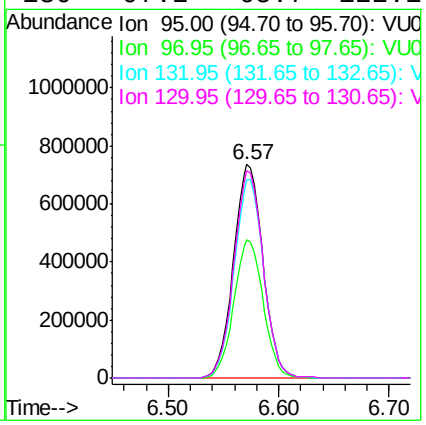


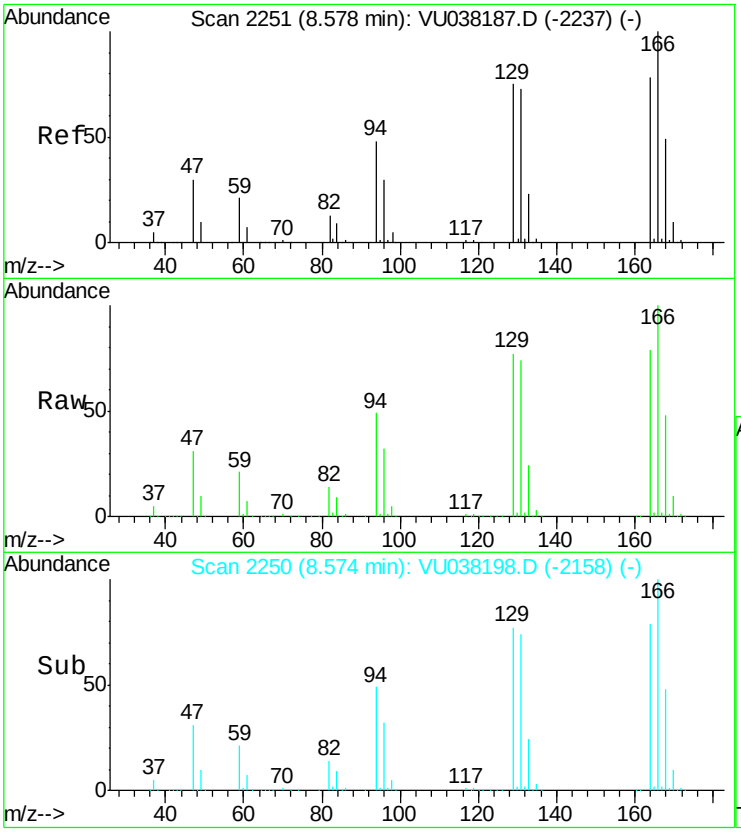


#34
Trichloroethene
Concen: 52.627 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Tgt Ion: 95 Resp: 1361779

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.9	83.3
132	92.7	63.3	117.5
130	97.2	65.7	122.1





#47
Tetrachloroethene
Concen: 56.983 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU038198.D
Acq: 15 May 2020 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFST7

Tgt Ion:164 Resp: 1031355

Ion	Ratio	Lower	Upper
164	100		
129	98.1	68.8	127.8
131	93.5	66.8	124.2
166	126.6	88.9	165.1