Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041881.D
Acq On : 07 Jan 2021 18:40
Operator : SY/MD
Sample : M1026-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXL5

Quant Time: Jan 08 06:23:29 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 08 04:58:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136769	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56293	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	41941	3.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%			
7) Chloroethane-d5	1.92	69	45415	5.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.80%			
11) 1,1-Dichloroethene-d2	2.58	63	64546	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.66	46	180233	58.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.36%			
24) Chloroform-d	5.08	84	102084	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.40%			
26) 1,2-Dichloroethane-d4	5.72	65	57806	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.20%			
32) Benzene-d6	5.74	84	197464	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
36) 1,2-Dichloropropane-d6	6.70	67	65116	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.90	98	152851	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	8.19	79	25107	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.60%			
46) 2-Hexanone-d5	8.64	63	154437	52.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.08%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58888	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	61618	6.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 123.20%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	7448	0.643	ug/L	98
3) Chloromethane	1.52	50	808	0.072	ug/L	92
9) Trichlorofluoromethane	2.15	101	2466	0.157	ug/L	88
13) Acetone	2.66	43	3528	1.806	ug/L	63
16) Methylene chloride	3.06	84	1330	0.120	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	42606	1.721	ug/L	99
19) 1,1-Dichloroethane	3.89	63	3557	0.198	ug/L	87
25) Chloroform	5.11	83	15583	0.863	ug/L	91
29) 1,1,1-Trichloroethane	5.33	97	1801	0.117	ug/L #	89
34) Trichloroethene	6.55	95	13595	1.258	ug/L	98
47) Tetrachloroethene	8.56	164	2779	0.367	ug/L	90

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

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ClientSampleId :
BFXL5

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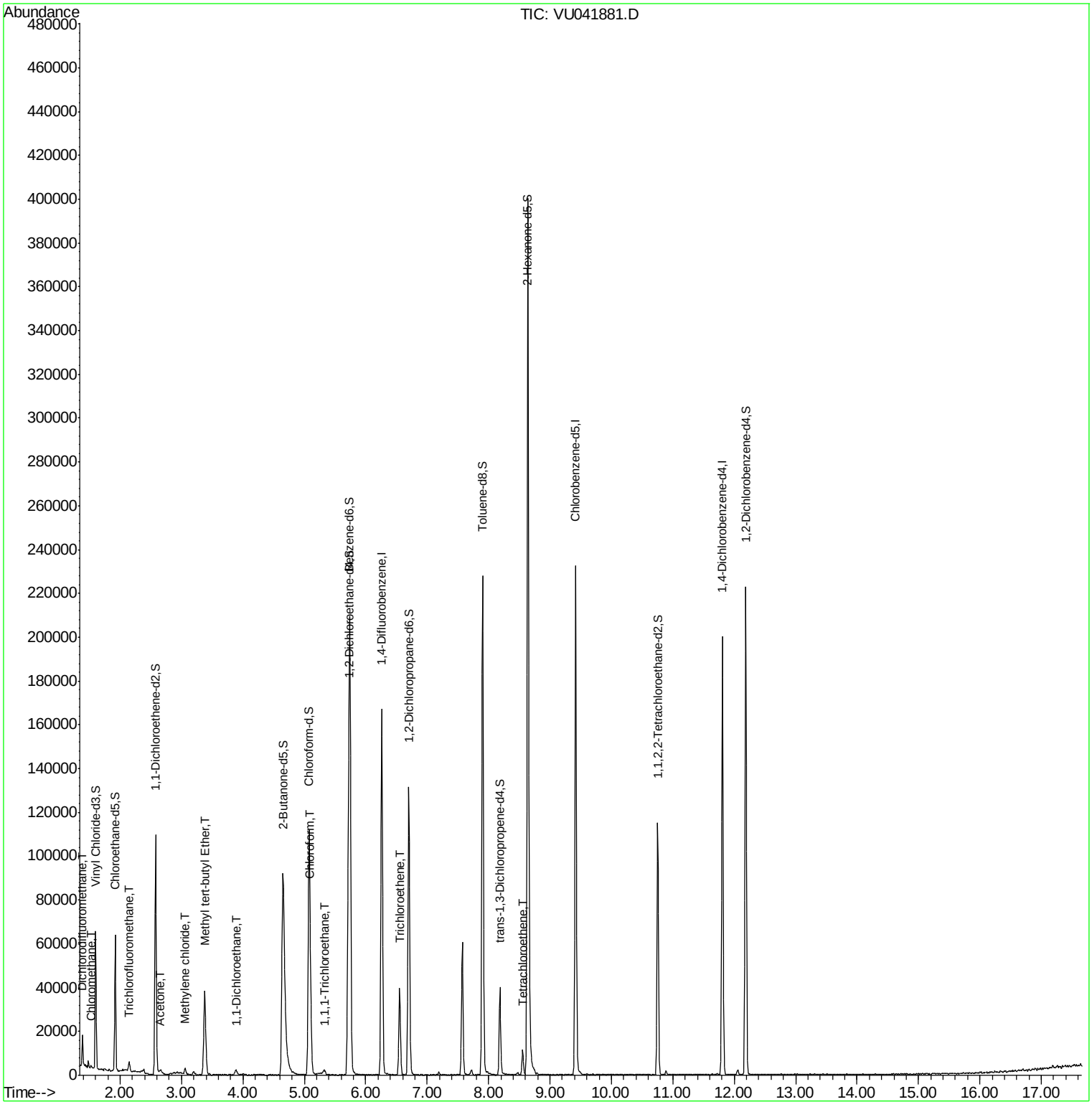
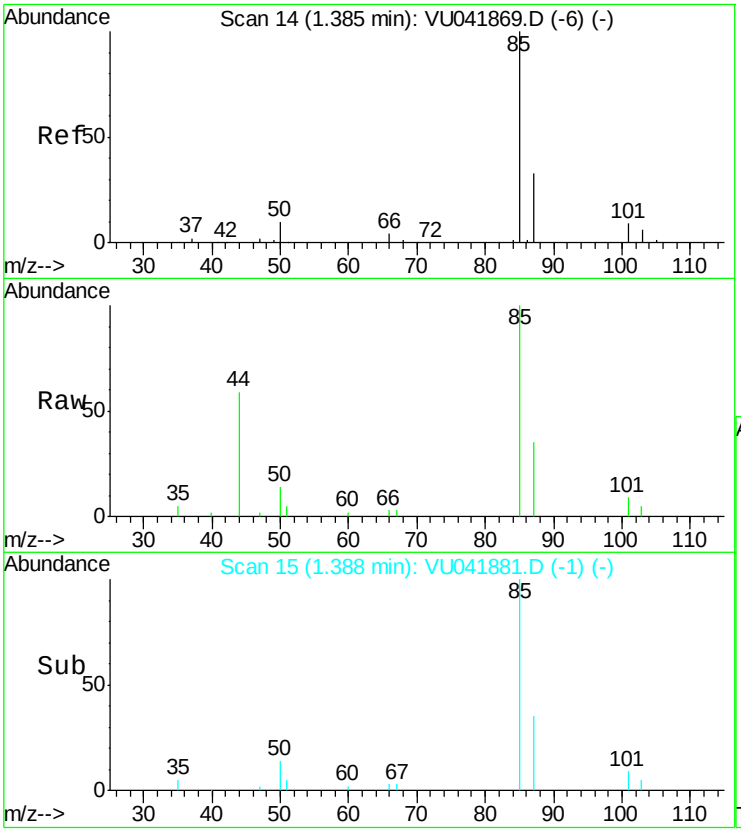


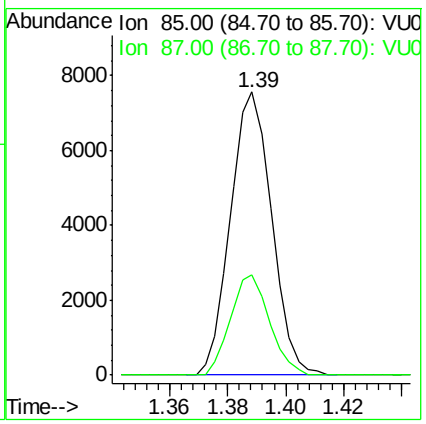


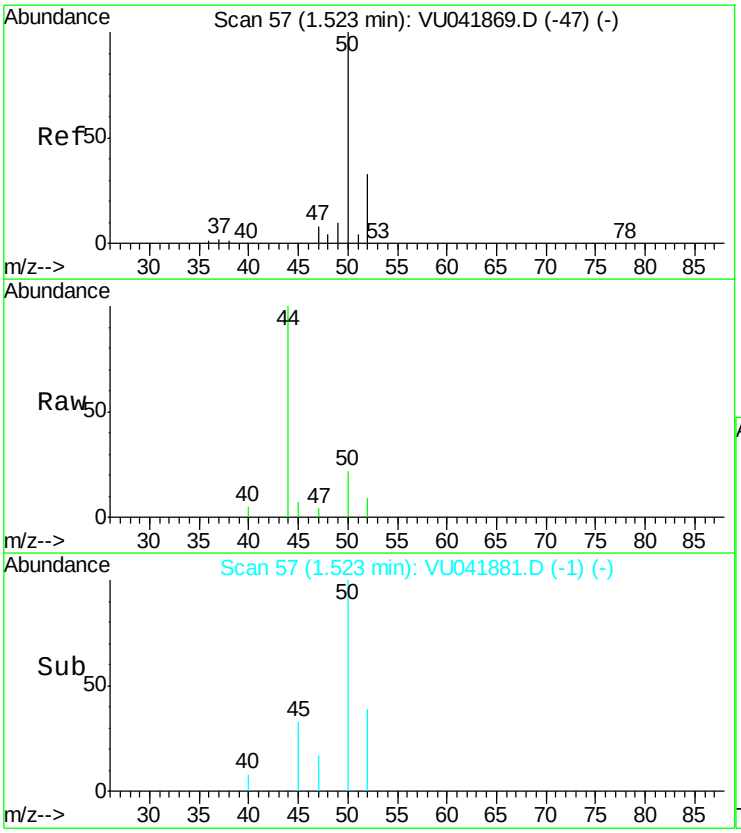
#2
Dichlorodifluoromethane
Concen: 0.643 ug/L
RT: 1.39 min Scan# 15
Delta R.T. 0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Instrument :
MSVOA_U
ClientSampleId :
BFXL5

Tgt Ion: 85 Resp: 7448

Ion	Ratio	Lower	Upper
85	100		
87	33.4	25.8	38.6

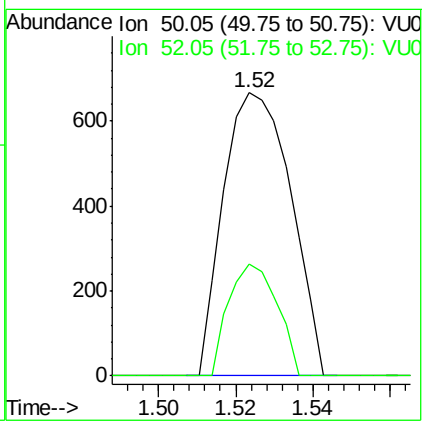


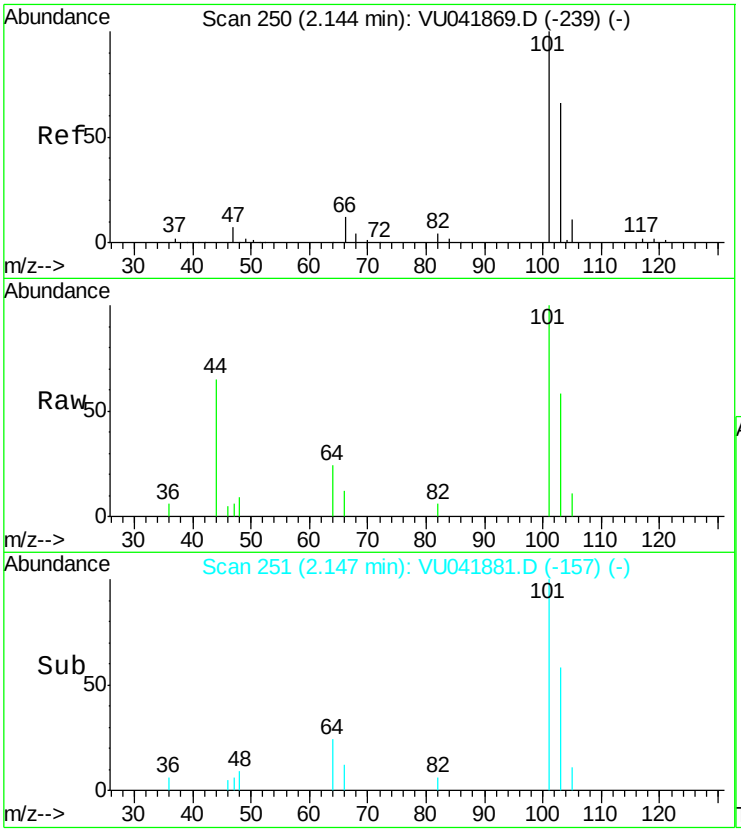


#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.52 min Scan# 57
Delta R.T. 0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Tgt Ion: 50 Resp: 808

Ion	Ratio	Lower	Upper
50	100		
52	39.3	24.1	44.8



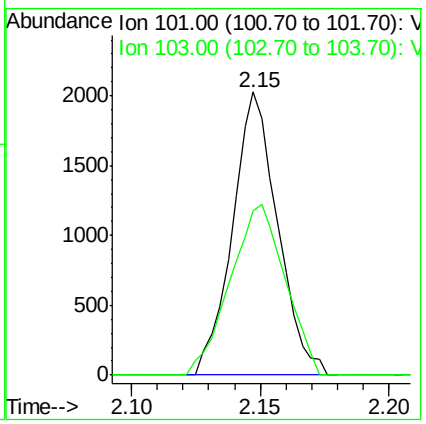


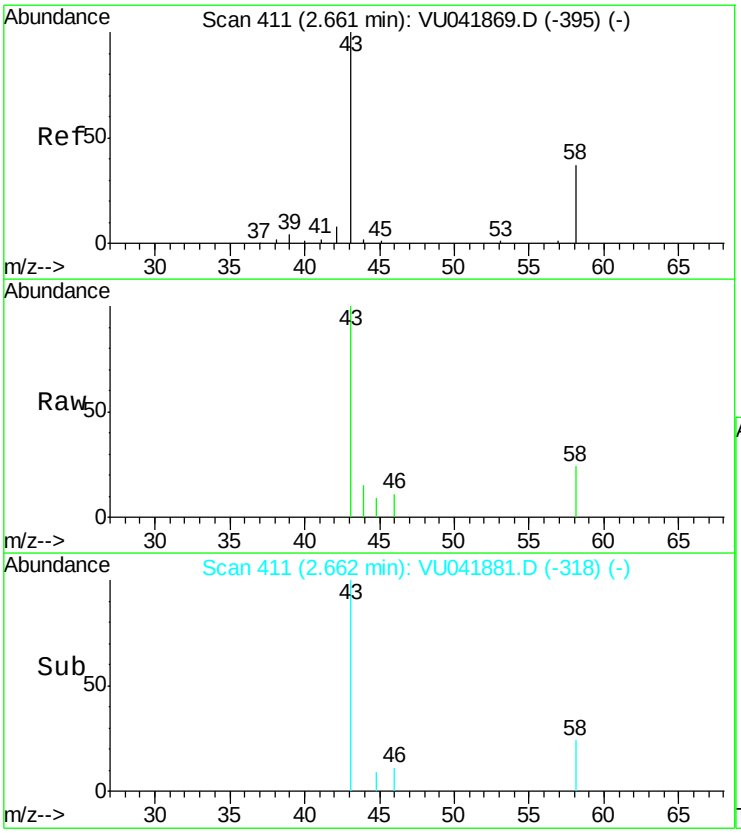
#9
Trichlorofluoromethane
Concen: 0.157 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Instrument :
MSVOA_U
ClientSampleId :
BFXL5

Tgt Ion:101 Resp: 2466

Ion	Ratio	Lower	Upper
101	100		
103	73.4	51.1	76.7

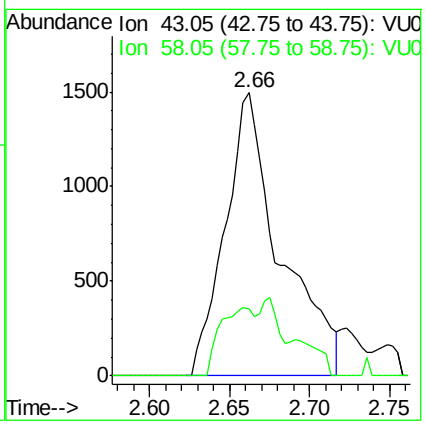


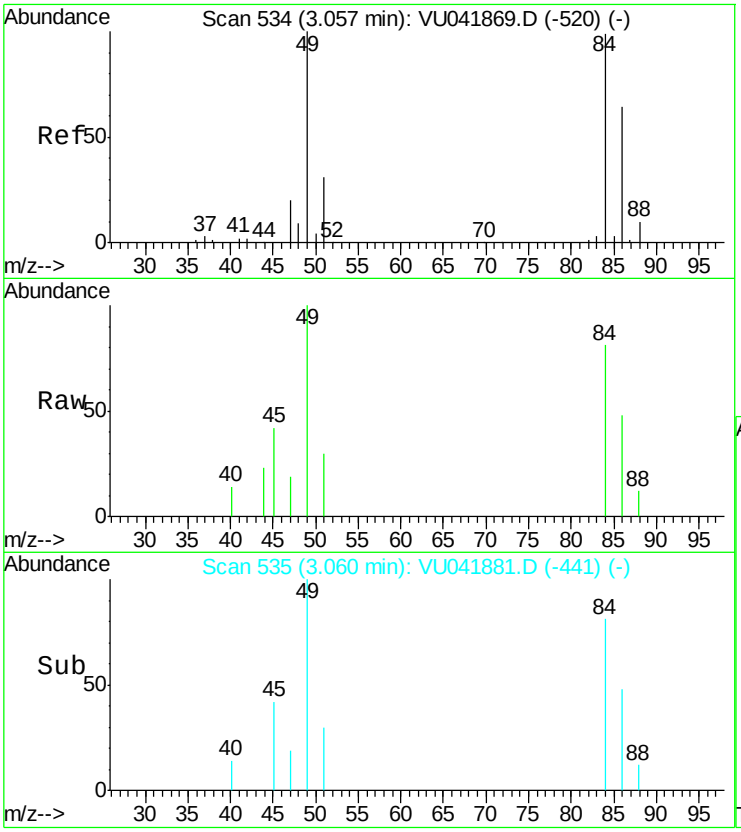


#13
Acetone
Concen: 1.806 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Tgt Ion: 43 Resp: 3528

Ion	Ratio	Lower	Upper
43	100		
58	14.7	0.0	73.2



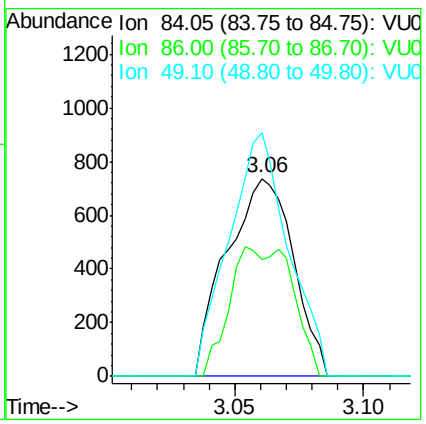


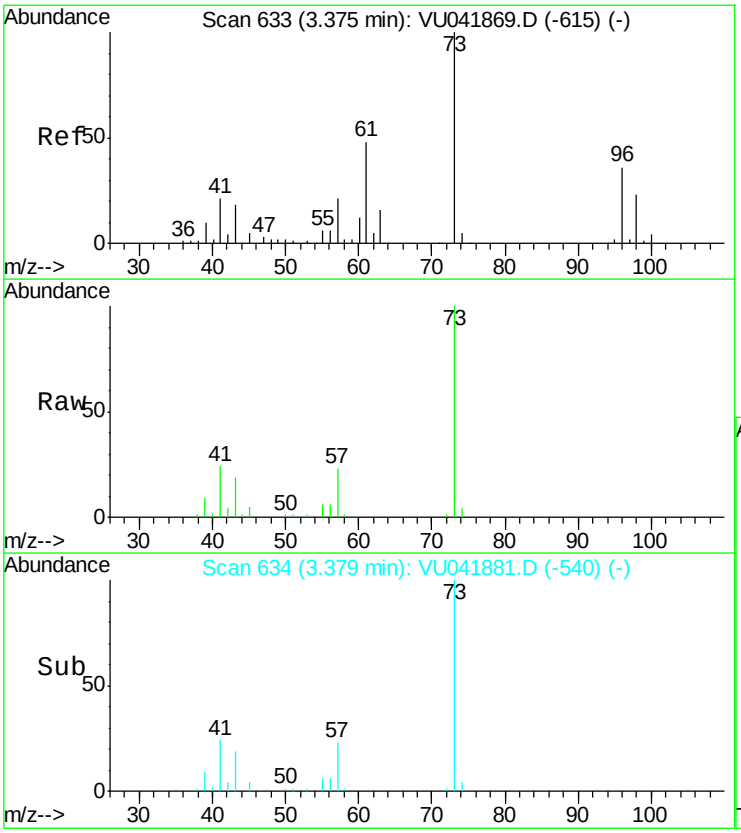
#16
Methylene chloride
Concen: 0.120 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Instrument :
MSVOA_U
ClientSampleId :
BFXL5

Tgt Ion: 84 Resp: 1330

Ion	Ratio	Lower	Upper
84	100		
86	59.1	45.1	83.7
49	122.9	83.1	154.3

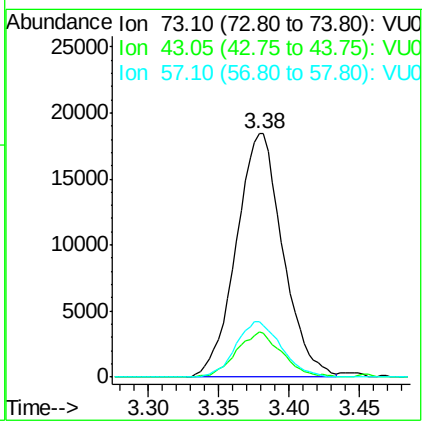


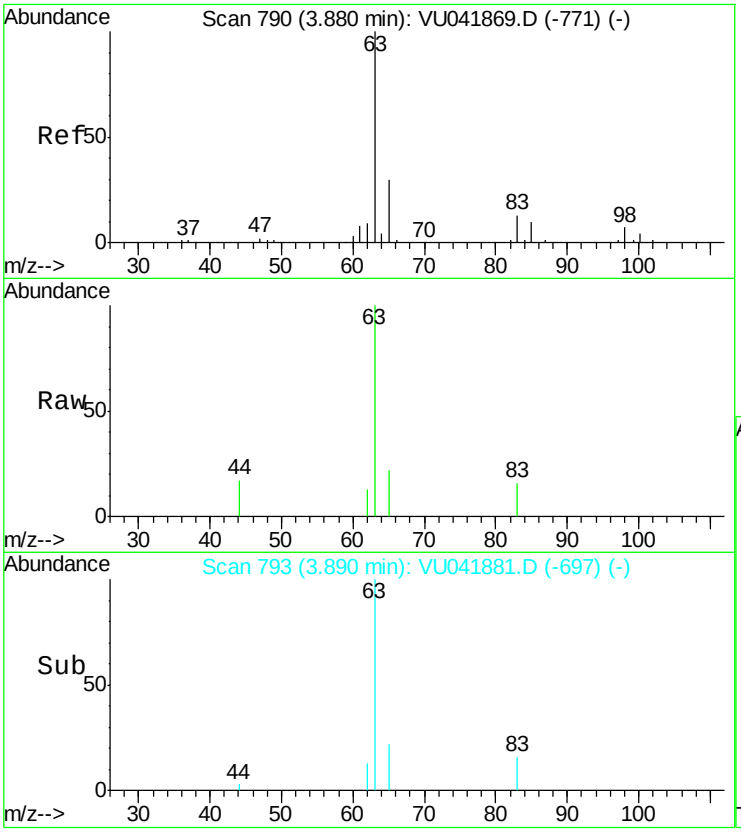


#17
Methyl tert-butyl Ether
Concen: 1.721 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Tgt Ion: 73 Resp: 42606

Ion	Ratio	Lower	Upper
73	100		
43	18.2	14.7	22.1
57	22.2	18.2	27.4



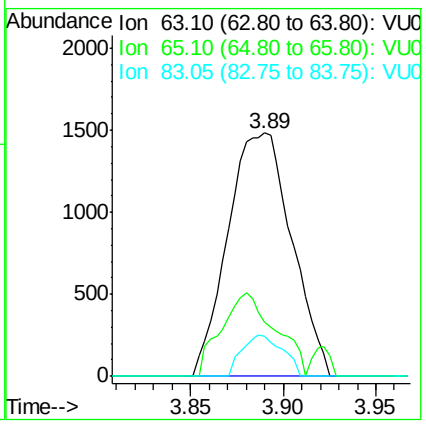


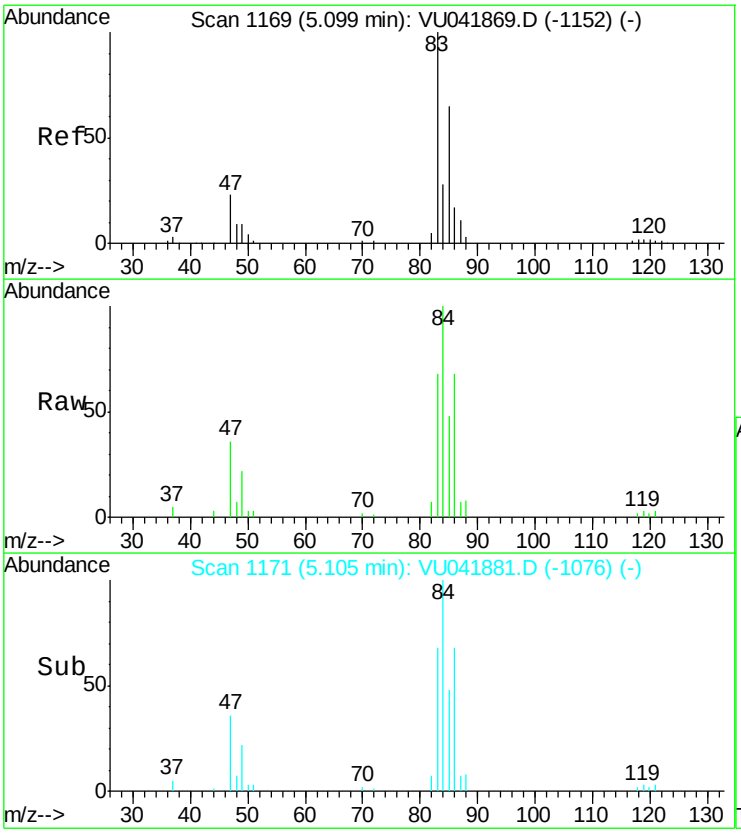
#19
1,1-Dichloroethane
Concen: 0.198 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.01 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Instrument : MSVOA_U
ClientSampleId : BFXL5

Tgt Ion: 63 Resp: 3557

Ion	Ratio	Lower	Upper
63	100		
65	22.4	21.3	39.6
83	16.3	9.3	17.3

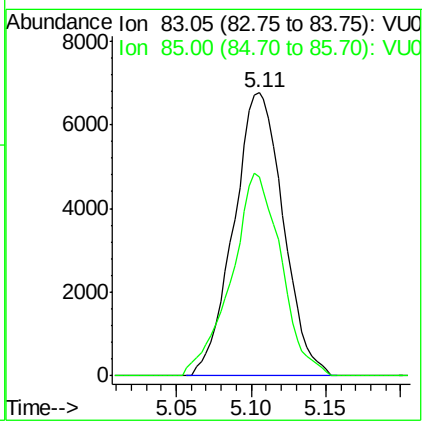


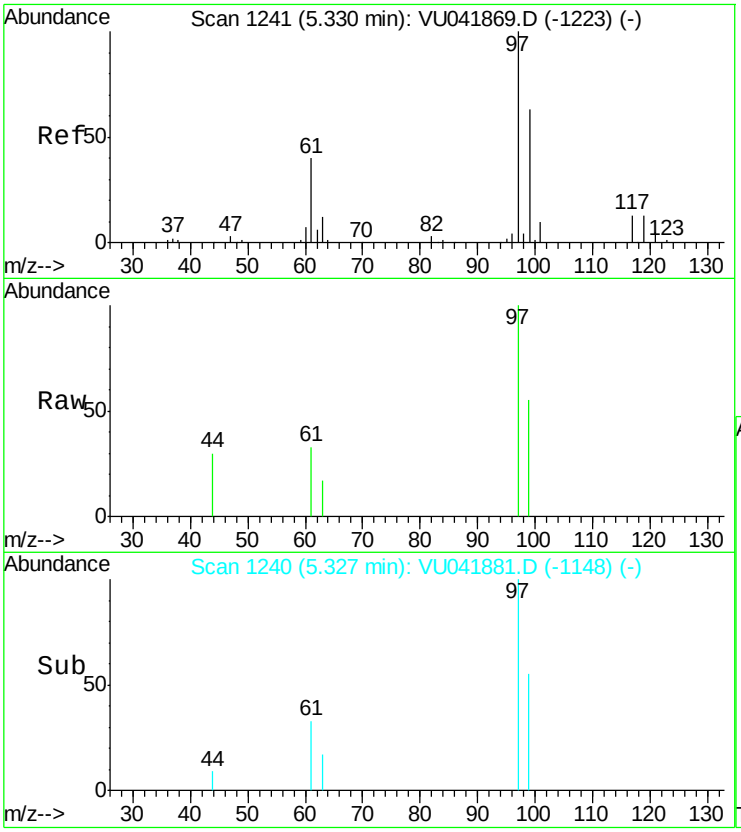


#25
Chloroform
Concen: 0.863 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.01 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Tgt Ion: 83 Resp: 15583

Ion	Ratio	Lower	Upper
83	100		
85	70.4	44.2	82.0



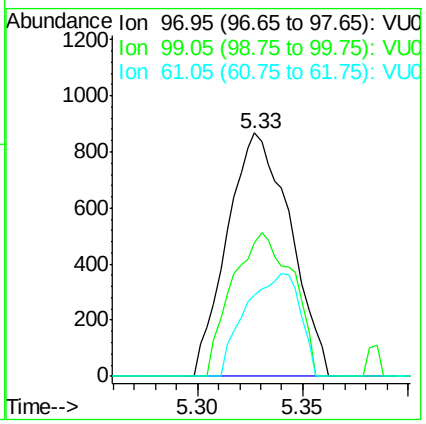


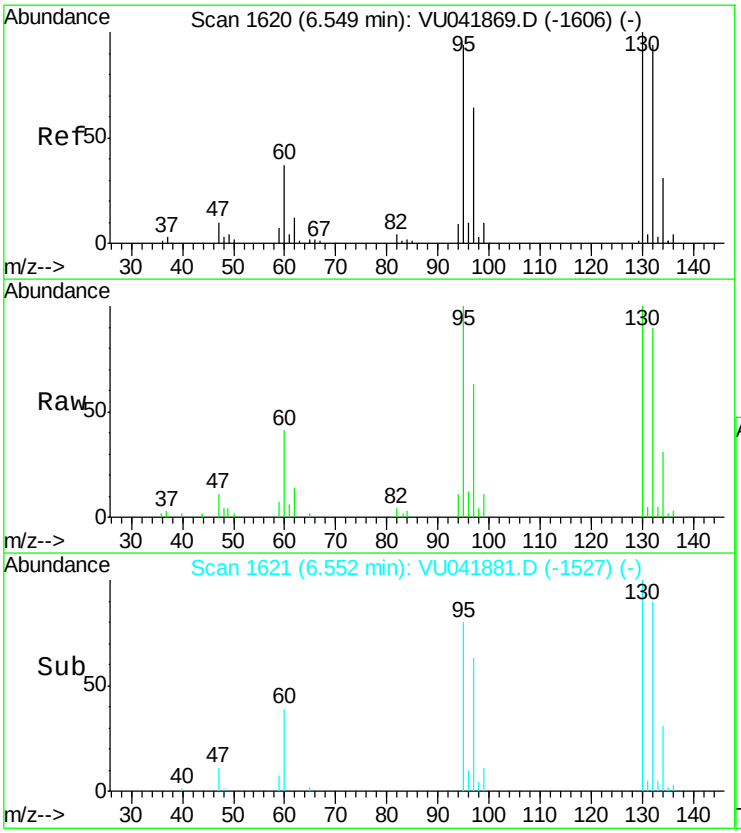
#29
1,1,1-Trichloroethane
Concen: 0.117 ug/L
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Instrument : MSVOA_U
ClientSampleId : BFXL5

Tgt Ion: 97 Resp: 1801

Ion	Ratio	Lower	Upper
97	100		
99	56.7	51.3	76.9
61	36.3	36.5	54.7#

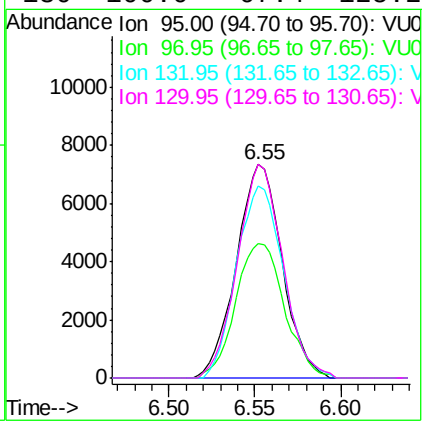


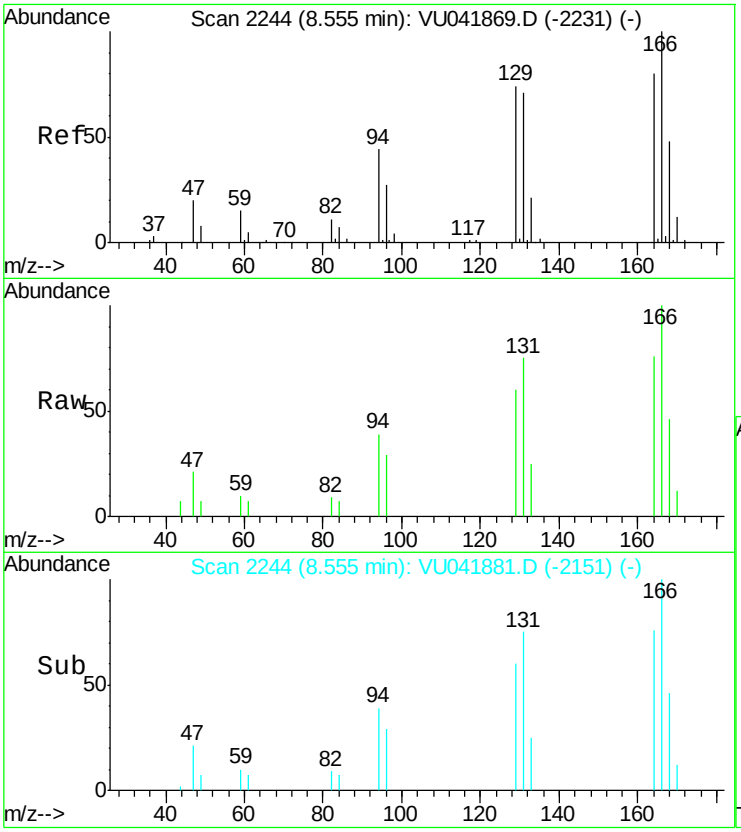


#34
Trichloroethene
Concen: 1.258 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Tgt Ion: 95 Resp: 13595

Ion	Ratio	Lower	Upper
95	100		
97	63.1	43.9	81.5
132	90.0	63.1	117.3
130	100.0	67.4	125.2





#47
Tetrachloroethene
Concen: 0.367 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041881.D
Acq: 07 Jan 2021 18:40

Instrument :
MSVOA_U
ClientSampleId :
BFXL5

Tgt Ion:164 Resp: 2779

Ion	Ratio	Lower	Upper
164	100		
129	79.1	72.2	134.0
131	99.0	66.9	124.3
166	131.2	89.6	166.4