Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041879.D
Acq On : 07 Jan 2021 17:53
Operator : SY/MD
Sample : M1026-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXL3

Quant Time: Jan 08 06:11:44 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	145099	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59928	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	44240	3.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.00%			
7) Chloroethane-d5	1.92	69	45819	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.58	63	70888	3.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	4.66	46	175199	53.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.54%			
24) Chloroform-d	5.08	84	105309	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.72	65	58760	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.74	84	192041	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	66716	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%			
41) Toluene-d8	7.90	98	162662	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	8.19	79	25423	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.64	63	152795	48.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.58%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	59554	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	60684	5.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	12561	1.022	ug/L	94
3) Chloromethane	1.53	50	780	0.065	ug/L	88
9) Trichlorofluoromethane	2.15	101	4393659	263.237	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	84217	8.437	ug/L	96
12) 1,1-Dichloroethene	2.59	96	10862	1.104	ug/L #	48
13) Acetone	2.66	43	1433	0.691	ug/L	87
16) Methylene chloride	3.06	84	2623	0.223	ug/L	90
17) Methyl tert-butyl Ether	3.38	73	71148	2.709	ug/L	98
19) 1,1-Dichloroethane	3.89	63	59291	3.116	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	11166	0.992	ug/L	86
25) Chloroform	5.11	83	17193	0.897	ug/L	95
29) 1,1,1-Trichloroethane	5.33	97	4036	0.248	ug/L	98
31) Carbon tetrachloride	5.54	117	6321	0.449	ug/L	99
34) Trichloroethene	6.55	95	330454	28.978	ug/L	98
47) Tetrachloroethene	8.56	164	7109	0.891	ug/L	92

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041879.D
Acq On : 07 Jan 2021 17:53
Operator : SY/MD
Sample : M1026-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXL3

Quant Time: Jan 08 06:11:44 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)

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041879.D
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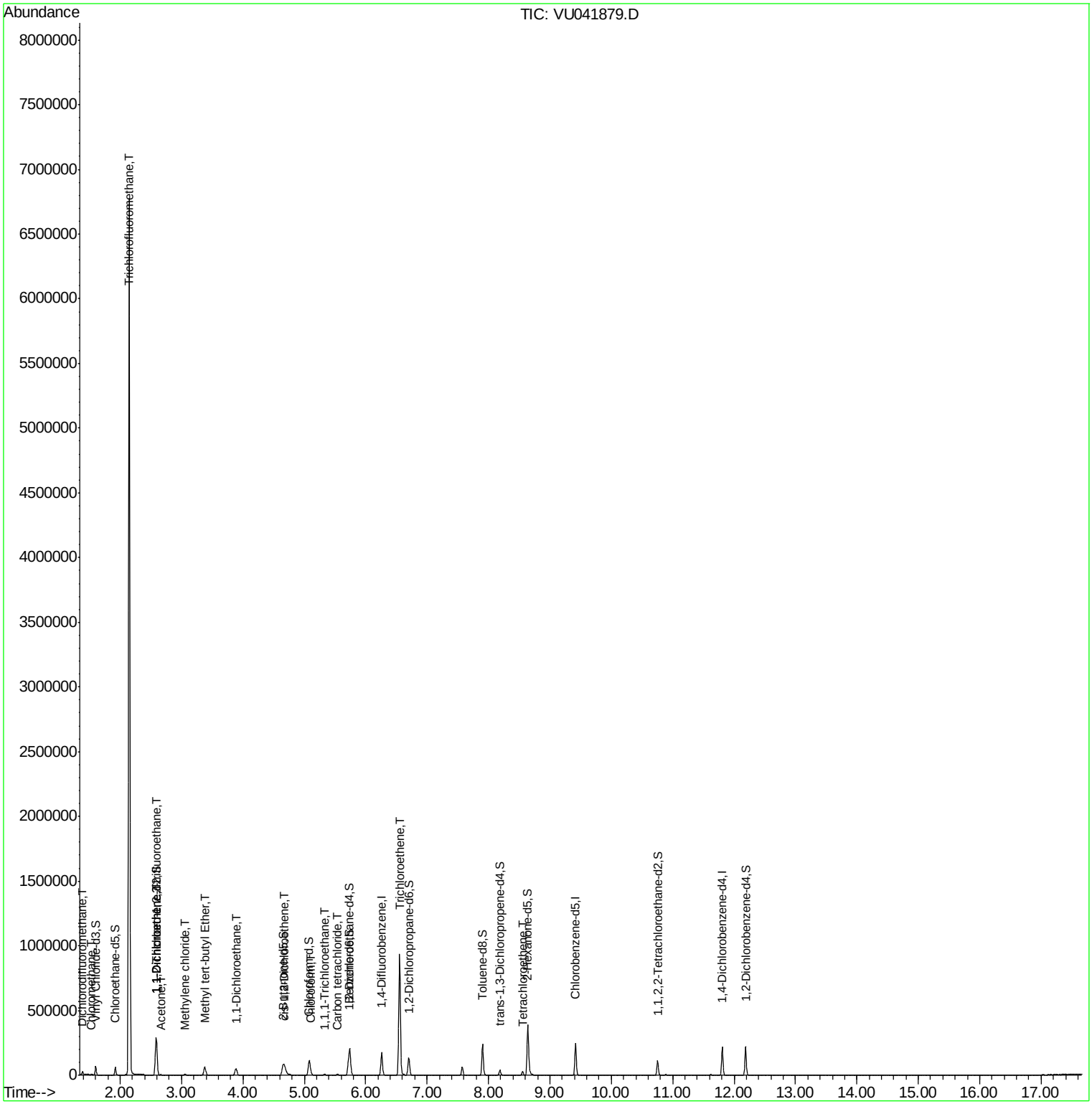
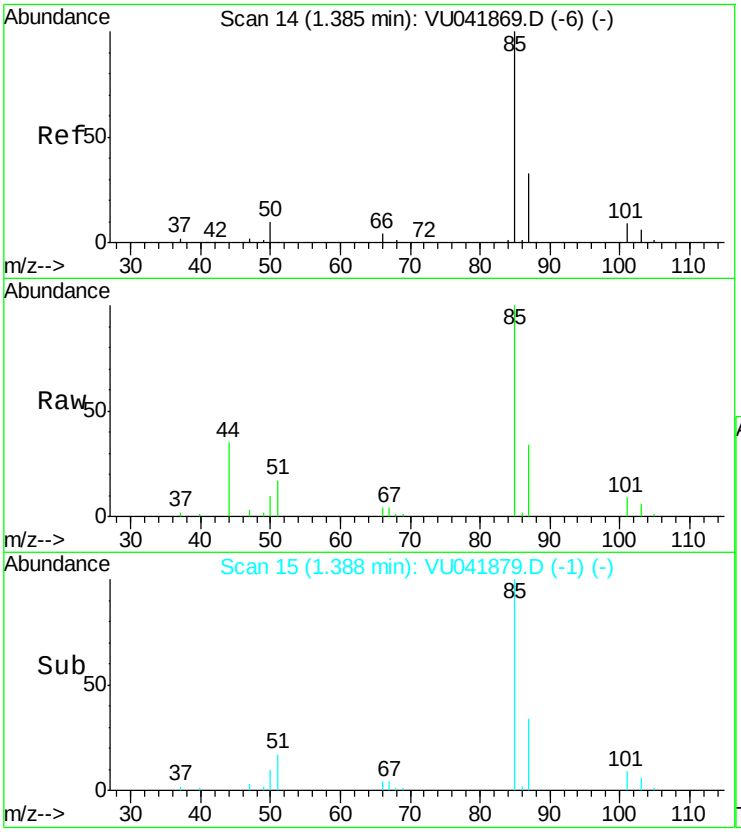
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 08 04:58:19 2021
Response via : Initial Calibration



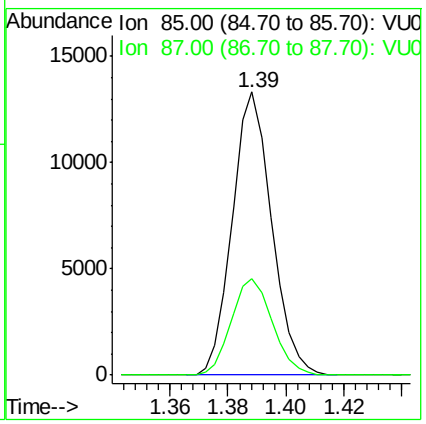


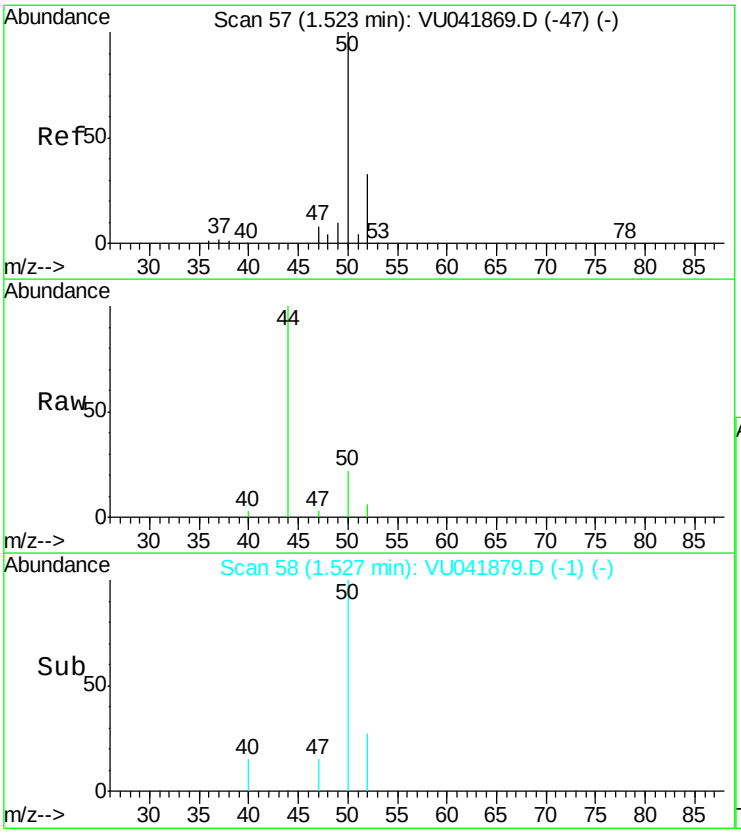
#2
Dichlorodifluoromethane
Concen: 1.022 ug/L
RT: 1.39 min Scan# 15
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Instrument : MSVOA_U
ClientSampleId : BFXL3

Tgt Ion: 85 Resp: 12561

Ion	Ratio	Lower	Upper
85	100		
87	35.3	25.8	38.6

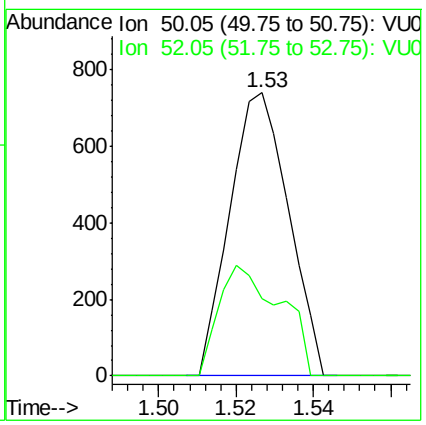


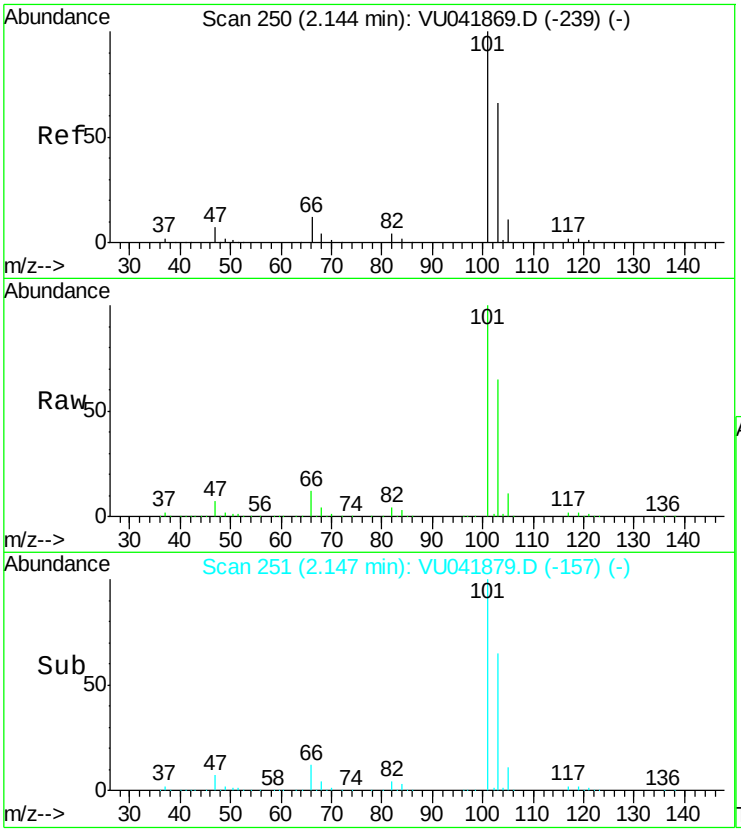


#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Tgt Ion: 50 Resp: 780

Ion	Ratio	Lower	Upper
50	100		
52	27.3	24.1	44.8



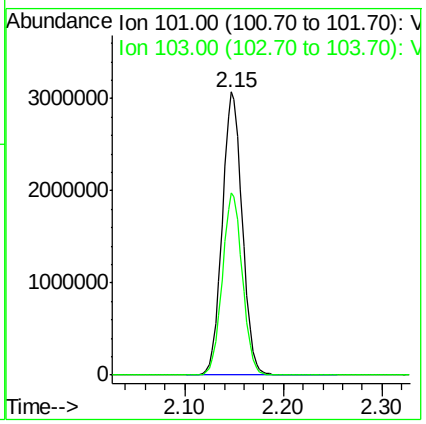


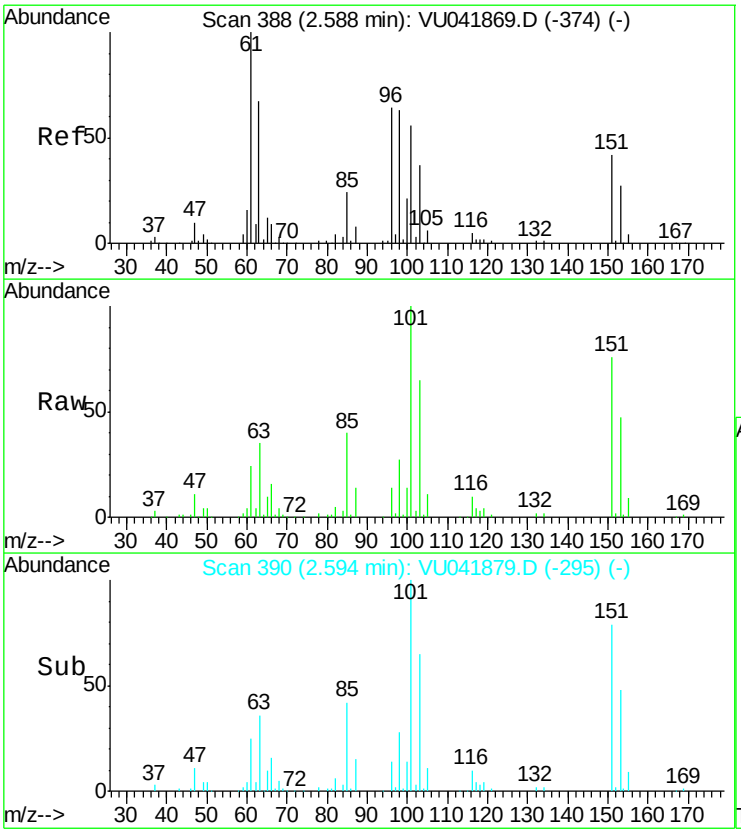
#9
Trichlorofluoromethane
Concen: 263.237 ug/L
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BFXL3

Tgt Ion:101 Resp: 4393659

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.1	76.7

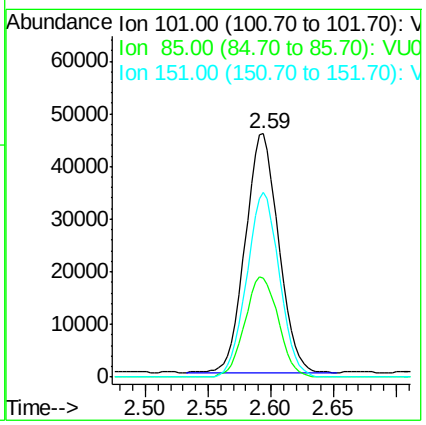


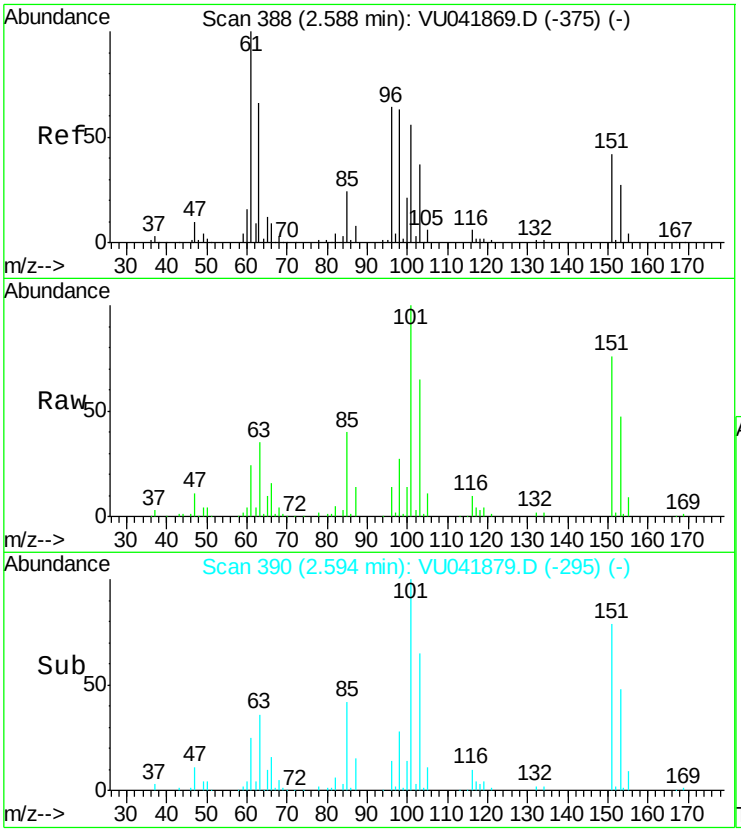


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.437 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.01 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Tgt Ion:101 Resp: 84217

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.6	50.4
151	75.6	56.2	84.4



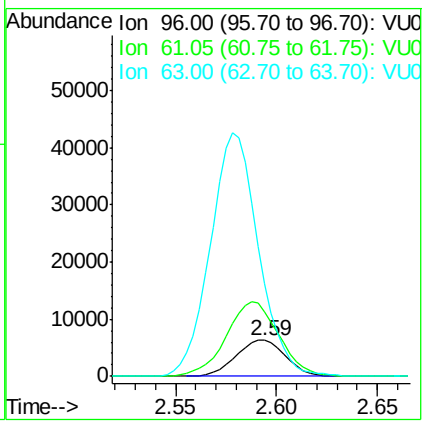


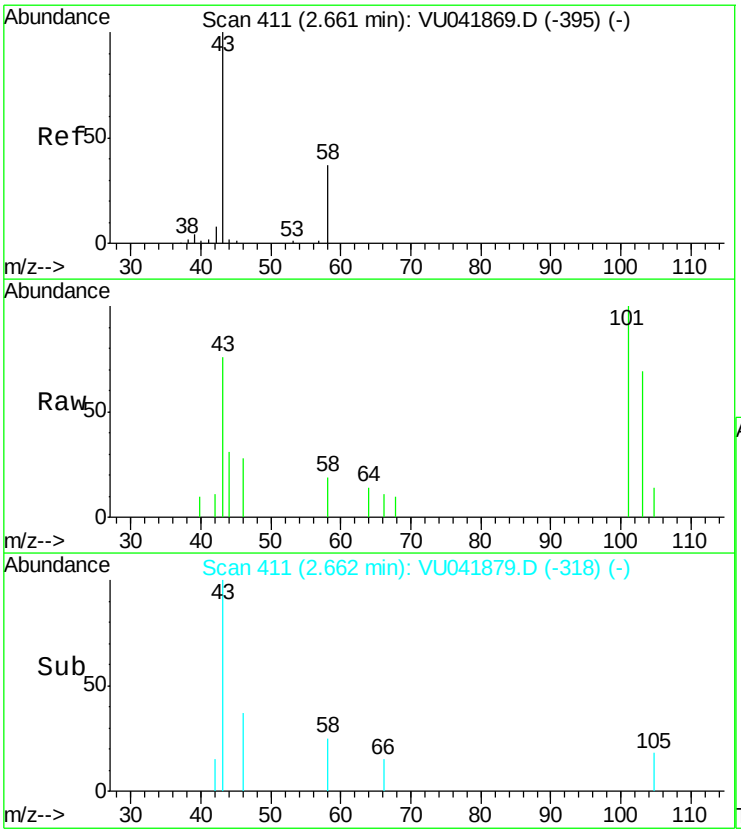
#12
1,1-Dichloroethene
Concen: 1.104 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.01 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Instrument : MSVOA_U
ClientSampleId : BFXL3

Tgt Ion: 96 Resp: 10862

Ion	Ratio	Lower	Upper
96	100		
61	179.6	123.8	230.0
63	256.4	81.0	150.4#

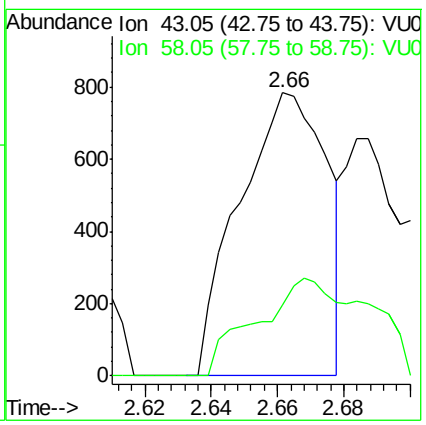


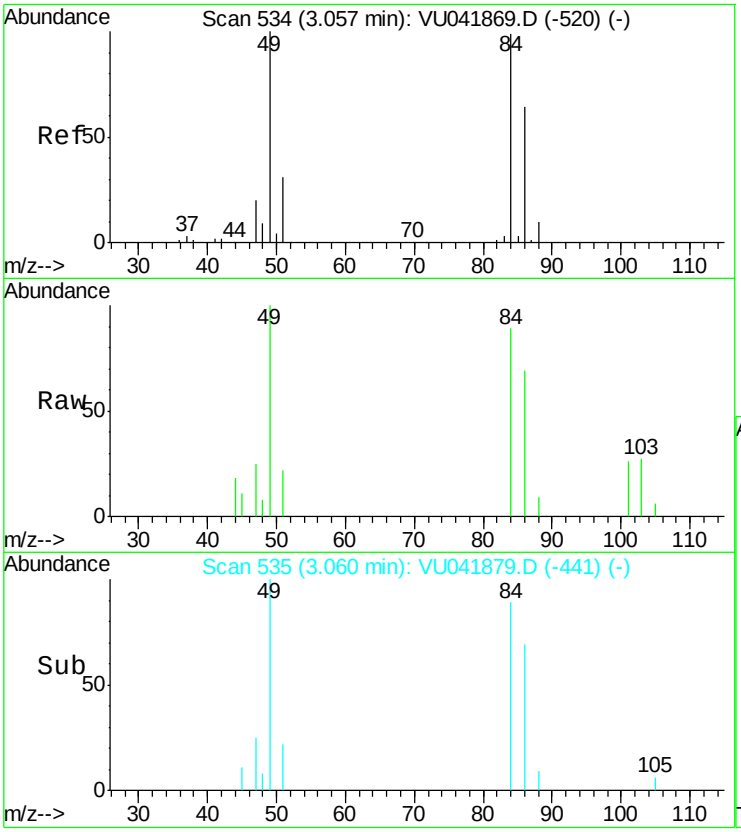


#13
Acetone
Concen: 0.691 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Tgt Ion: 43 Resp: 1433

Ion	Ratio	Lower	Upper
43	100		
58	44.4	0.0	73.2



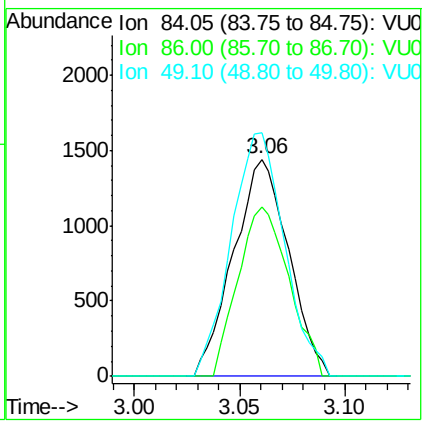


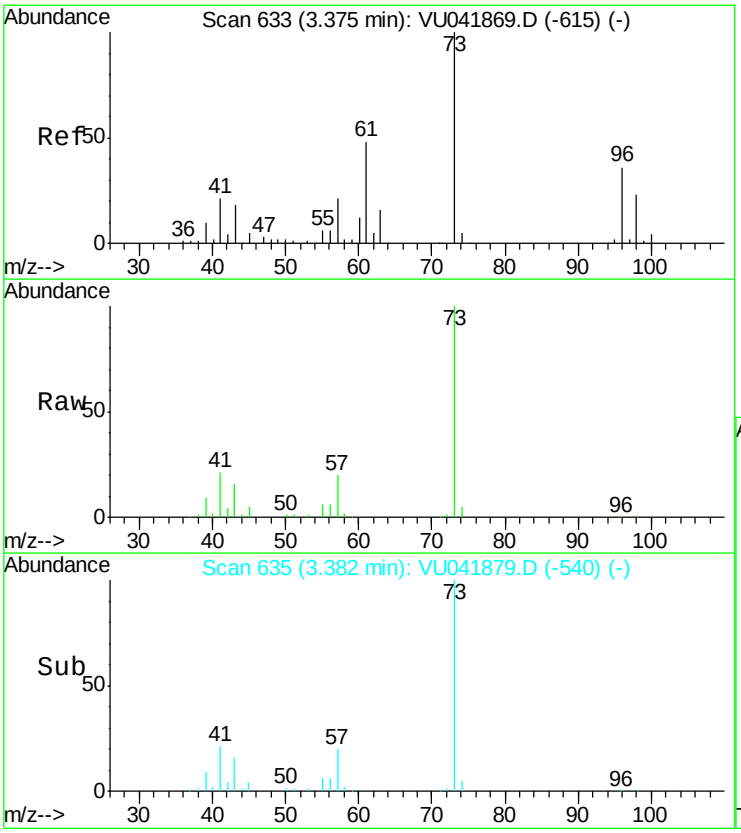
#16
Methylene chloride
Concen: 0.223 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Instrument : MSVOA_U
ClientSampleId : BFXL3

Tgt Ion: 84 Resp: 2623

Ion	Ratio	Lower	Upper
84	100		
86	77.8	45.1	83.7
49	112.3	83.1	154.3

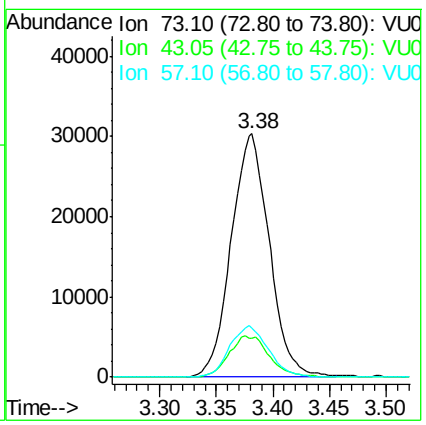


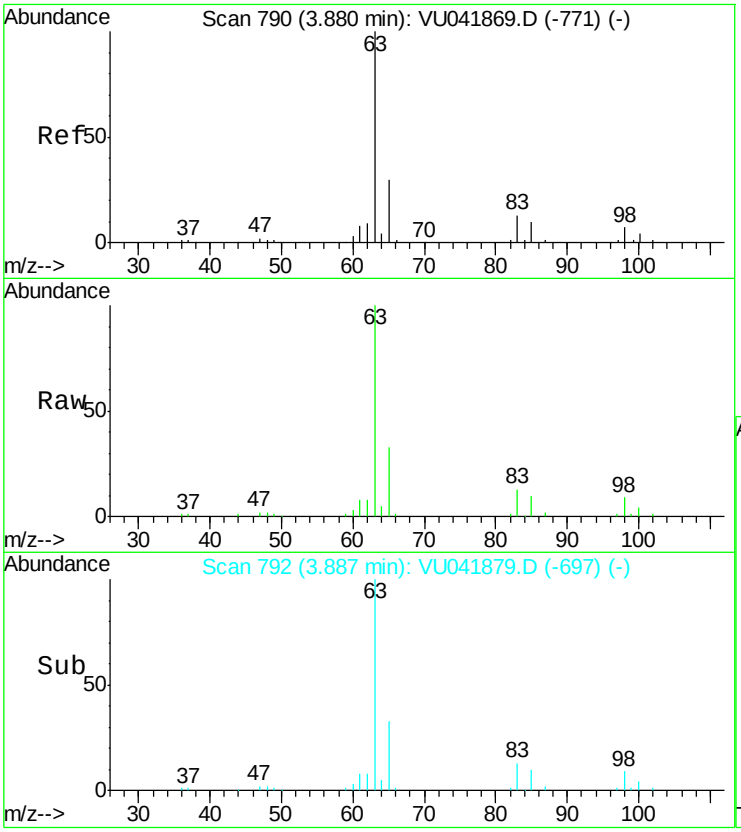


#17
Methyl tert-butyl Ether
Concen: 2.709 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.01 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Tgt Ion: 73 Resp: 71148

Ion	Ratio	Lower	Upper
73	100		
43	17.8	14.7	22.1
57	21.4	18.2	27.4



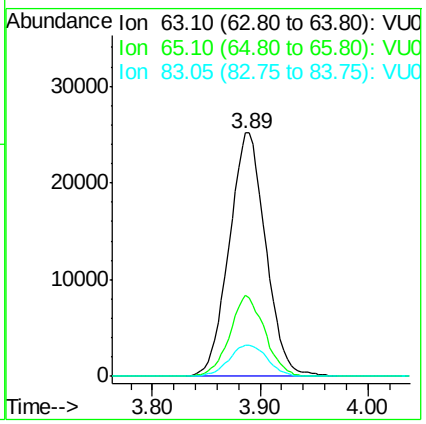


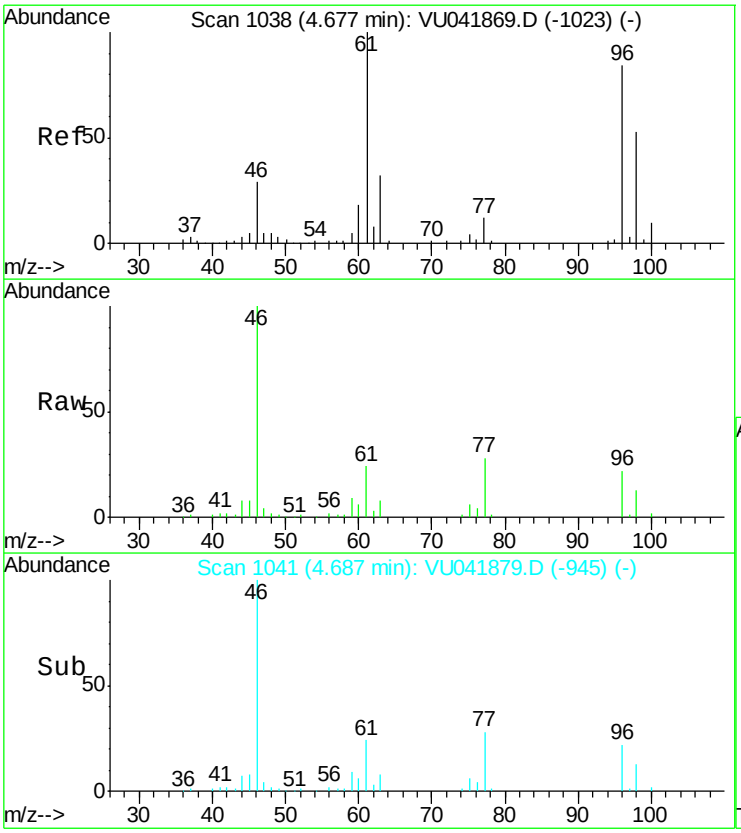
#19
1,1-Dichloroethane
Concen: 3.116 ug/L
RT: 3.89 min Scan# 792
Delta R.T. 0.01 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BFXL3

Tgt Ion: 63 Resp: 59291

Ion	Ratio	Lower	Upper
63	100		
65	33.5	21.3	39.6
83	12.9	9.3	17.3

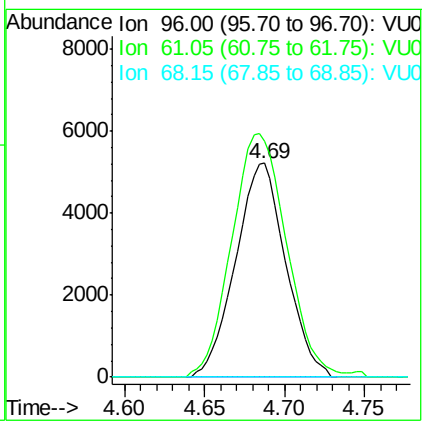


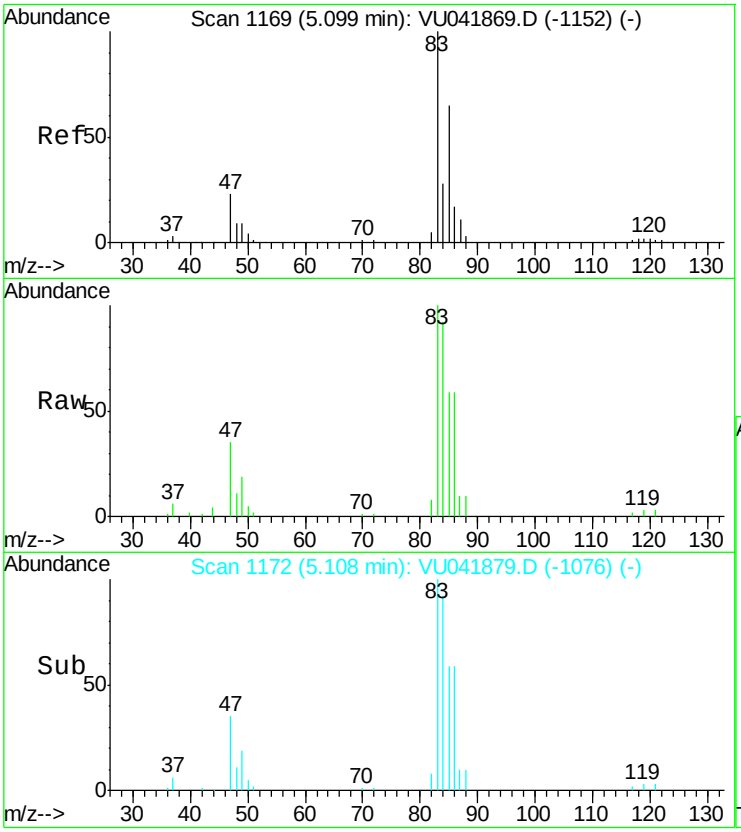


#22
cis-1,2-Dichloroethene
Concen: 0.992 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Tgt Ion: 96 Resp: 11166

Ion	Ratio	Lower	Upper
96	100		
61	110.7	88.8	165.0
68	0.0	0.0	0.0



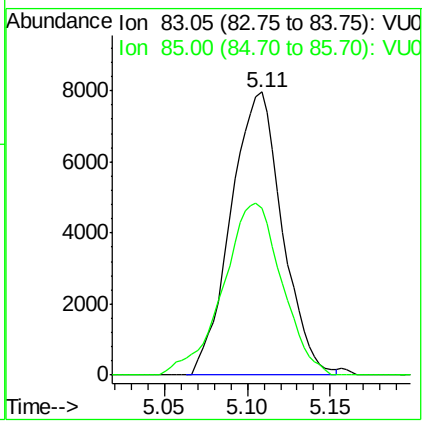


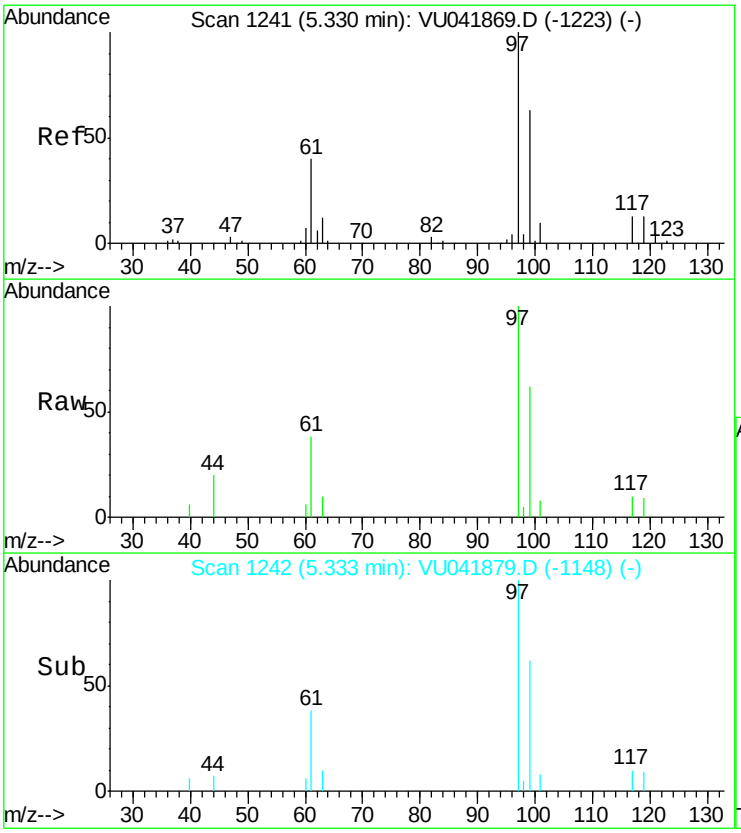
#25
Chloroform
Concen: 0.897 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BFXL3

Tgt Ion: 83 Resp: 17193

Ion	Ratio	Lower	Upper
83	100		
85	59.0	44.2	82.0

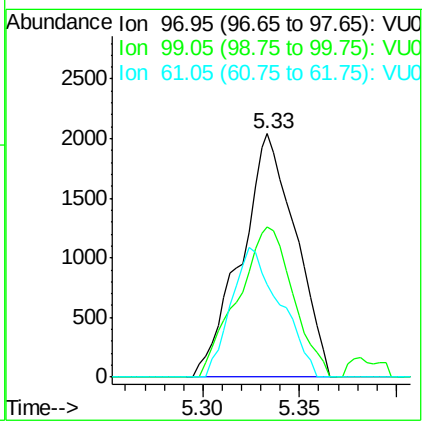


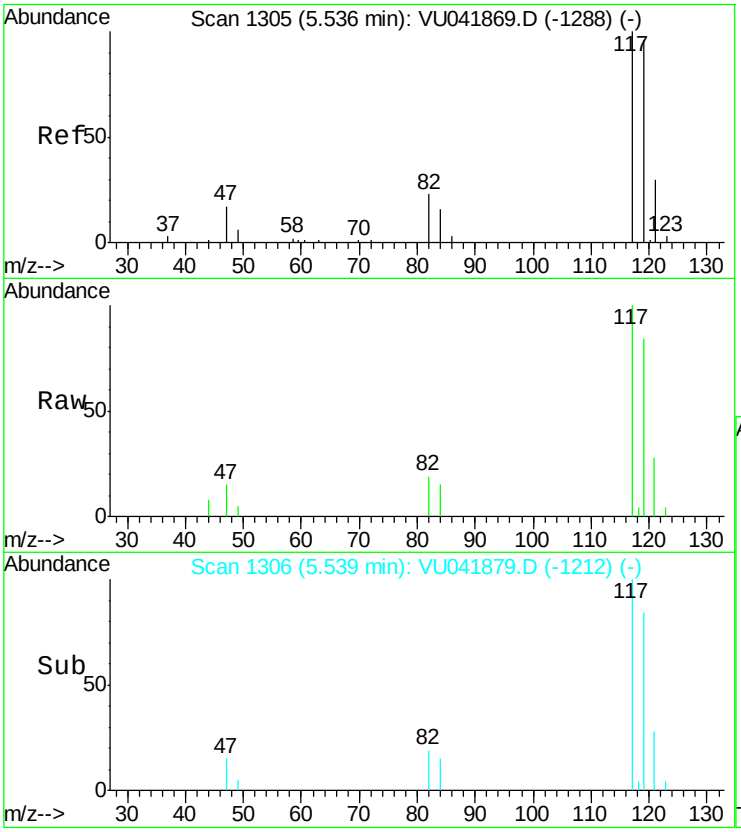


#29
1,1,1-Trichloroethane
Concen: 0.248 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Tgt Ion: 97 Resp: 4036

Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.3	76.9
61	47.2	36.5	54.7



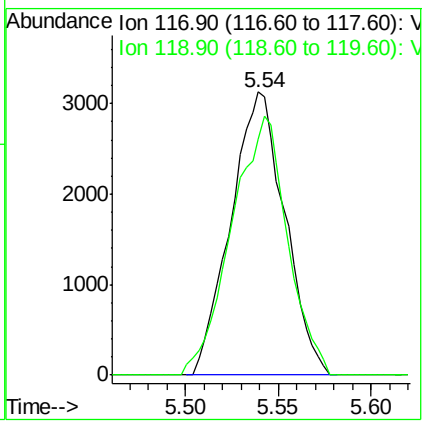


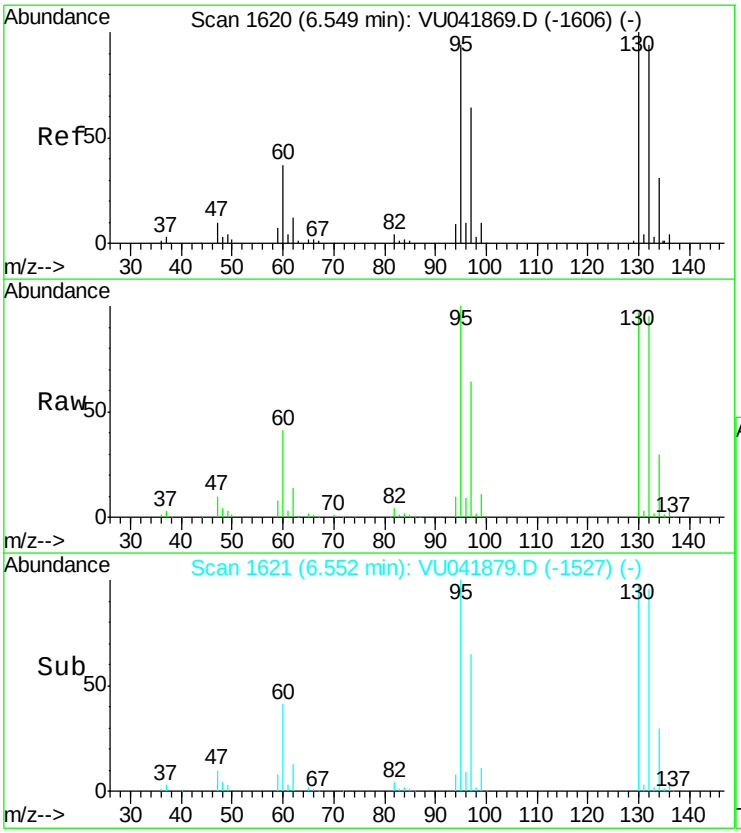
#31
Carbon tetrachloride
Concen: 0.449 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Instrument : MSVOA_U
ClientSampleId : BFXL3

Tgt Ion:117 Resp: 6321

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.2	114.2

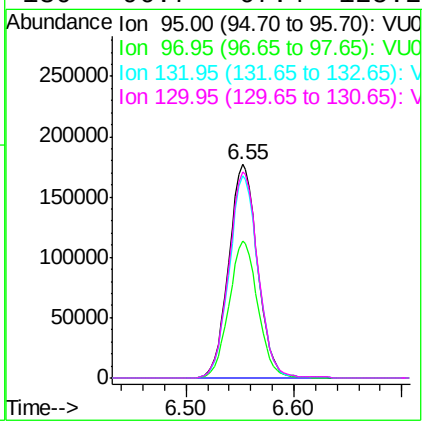


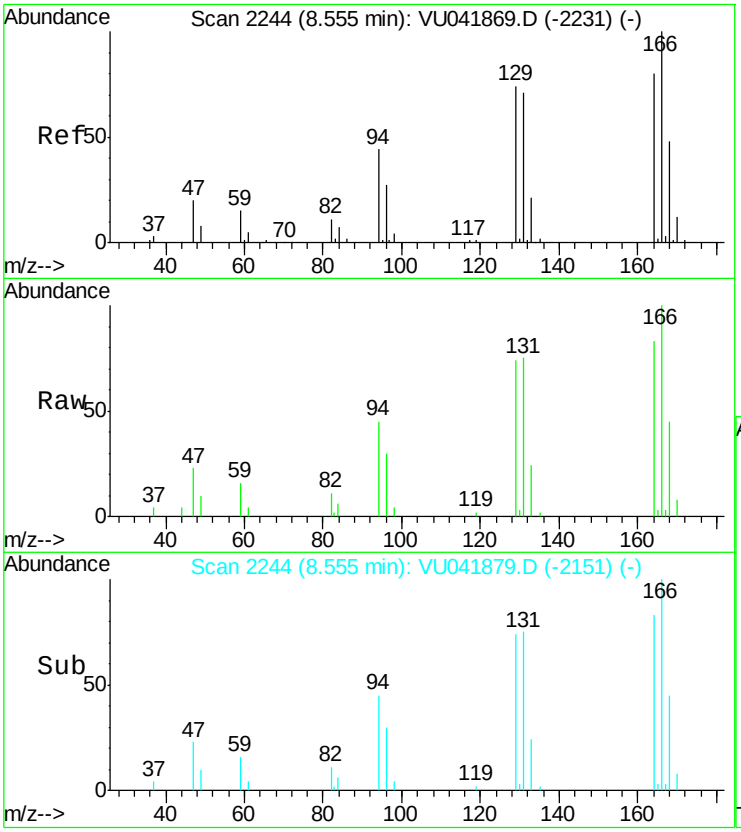


#34
Trichloroethene
Concen: 28.978 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Tgt Ion: 95 Resp: 330454

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.9	81.5
132	94.6	63.1	117.3
130	96.7	67.4	125.2





#47
Tetrachloroethene
Concen: 0.891 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041879.D
Acq: 07 Jan 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BFXL3

Tgt Ion:164 Resp: 7109

Ion	Ratio	Lower	Upper
164	100		
129	89.0	72.2	134.0
131	90.6	66.9	124.3
166	120.4	89.6	166.4