Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011121\
Data File : VU041951.D
Acq On : 12 Jan 2021 03:47
Operator : SY/MD
Sample : M1027-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXK8

Quant Time: Jan 12 06:37:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 12 05:50:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121564	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43942	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	48674	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.92	69	46140	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.58	63	72837	3.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.00%			
20) 2-Butanone-d5	4.65	46	183150	64.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.64%			
24) Chloroform-d	5.08	84	99589	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.71	65	58008	5.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.80%			
32) Benzene-d6	5.74	84	190567	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
36) 1,2-Dichloropropane-d6	6.70	67	64889	5.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 117.60%			
41) Toluene-d8	7.90	98	155505	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	8.19	79	23918	5.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.80%			
46) 2-Hexanone-d5	8.64	63	156283	67.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 134.18%#			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49259	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46206	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	11033	0.938	ug/L	97
3) Chloromethane	1.52	50	739	0.058	ug/L	88
9) Trichlorofluoromethane	2.14	101	1258	0.070	ug/L	96
12) 1,1-Dichloroethene	2.58	96	1316	0.139	ug/L #	1
13) Acetone	2.66	43	3969	2.146	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	10038	0.441	ug/L #	87
22) cis-1,2-Dichloroethene	4.68	96	10879	1.106	ug/L	94
25) Chloroform	5.10	83	3643	0.202	ug/L #	75
34) Trichloroethene	6.55	95	161960	16.108	ug/L	95
47) Tetrachloroethene	8.56	164	218155	31.181	ug/L	97

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

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Instrument :
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ClientSampleId :
BFXK8

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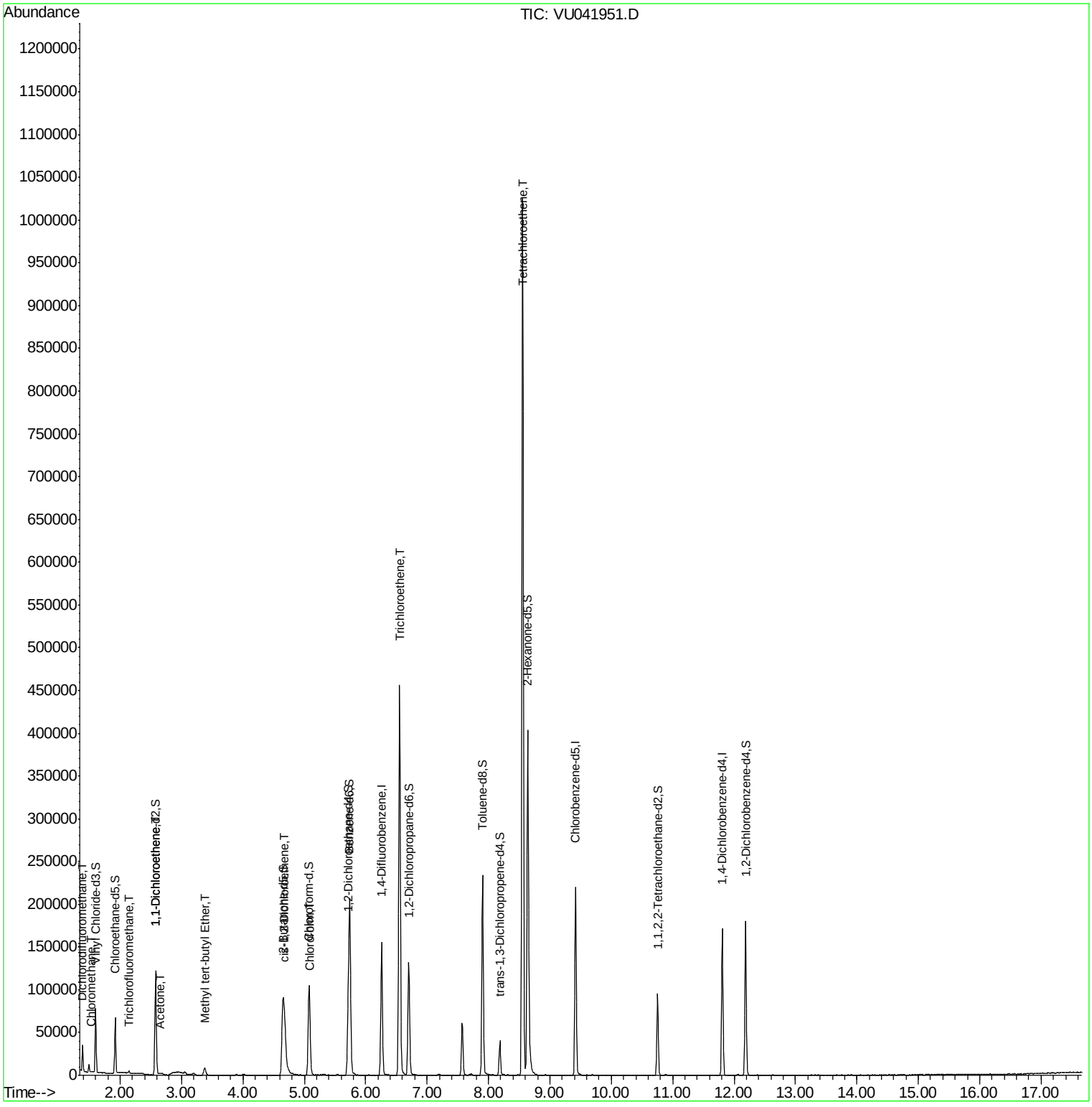
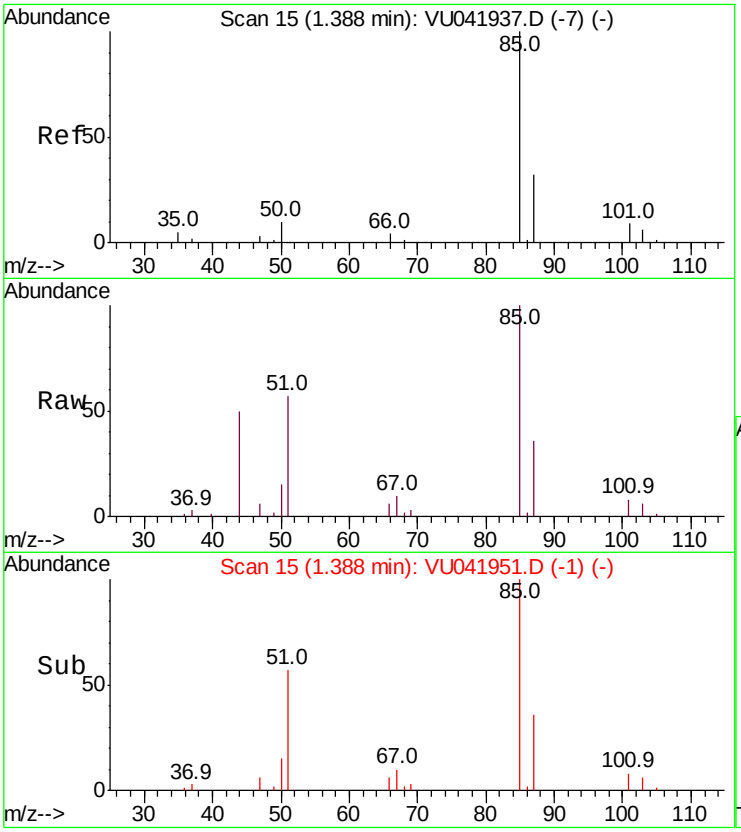


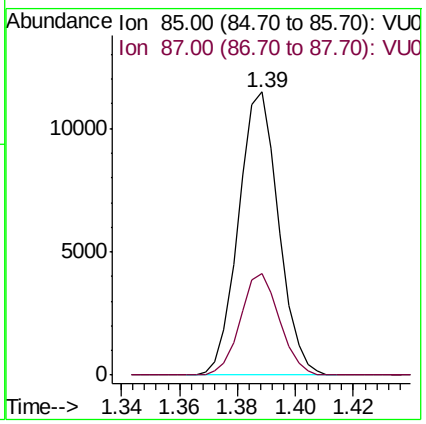


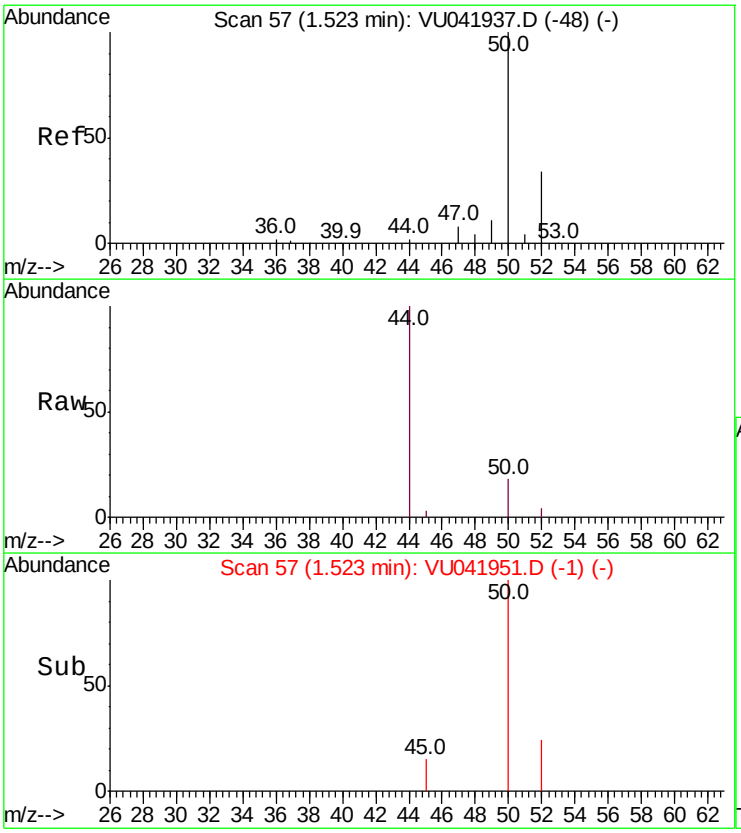
#2
Dichlorodifluoromethane
Concen: 0.938 ug/L
RT: 1.39 min Scan# 15
Delta R.T. -0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Instrument :
MSVOA_U
ClientSampleId :
BFXK8

Tgt Ion: 85 Resp: 11033

Ion	Ratio	Lower	Upper
85	100		
87	34.8	26.3	39.5

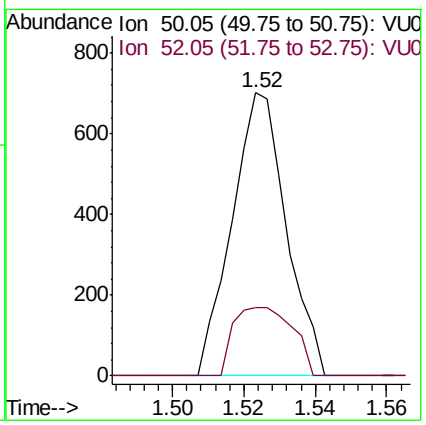


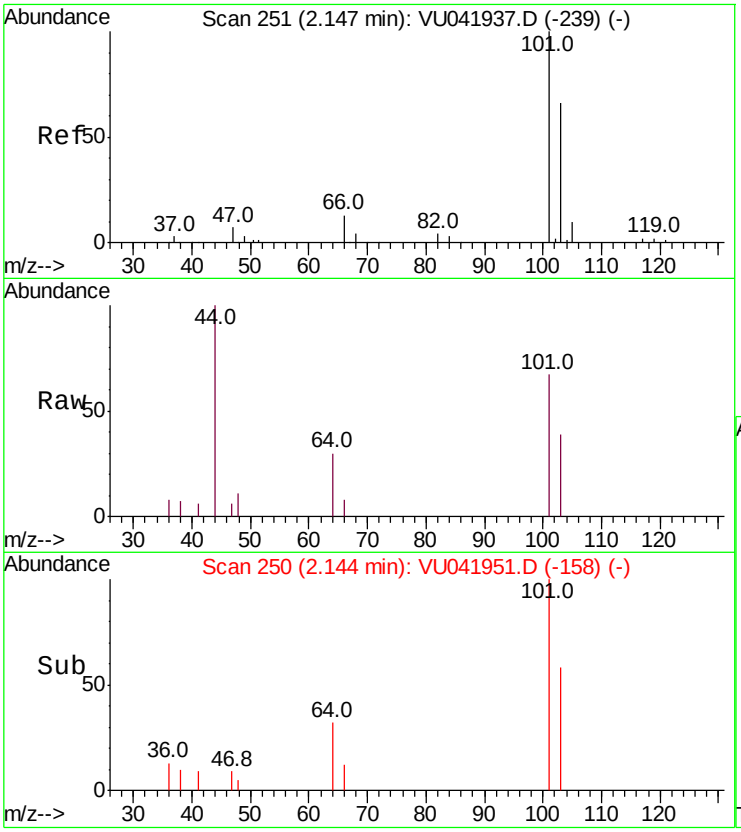


#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Tgt Ion: 50 Resp: 739

Ion	Ratio	Lower	Upper
50	100		
52	24.2	21.4	39.8



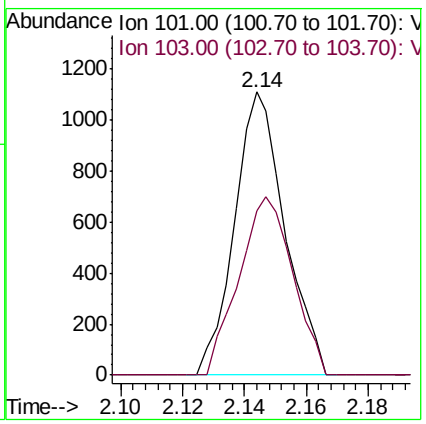


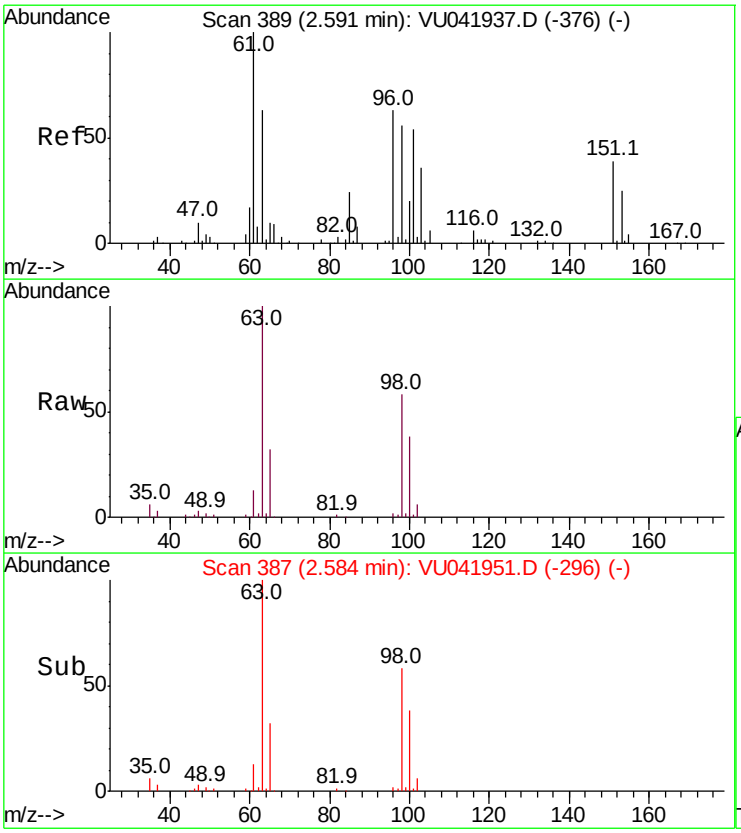
#9
Trichlorofluoromethane
Concen: 0.070 ug/L
RT: 2.14 min Scan# 250
Delta R.T. -0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Instrument :
MSVOA_U
ClientSampleId :
BFXK8

Tgt Ion:101 Resp: 1258

Ion	Ratio	Lower	Upper
101	100		
103	67.3	51.3	76.9

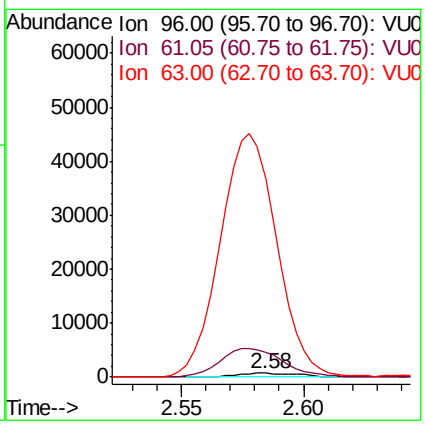


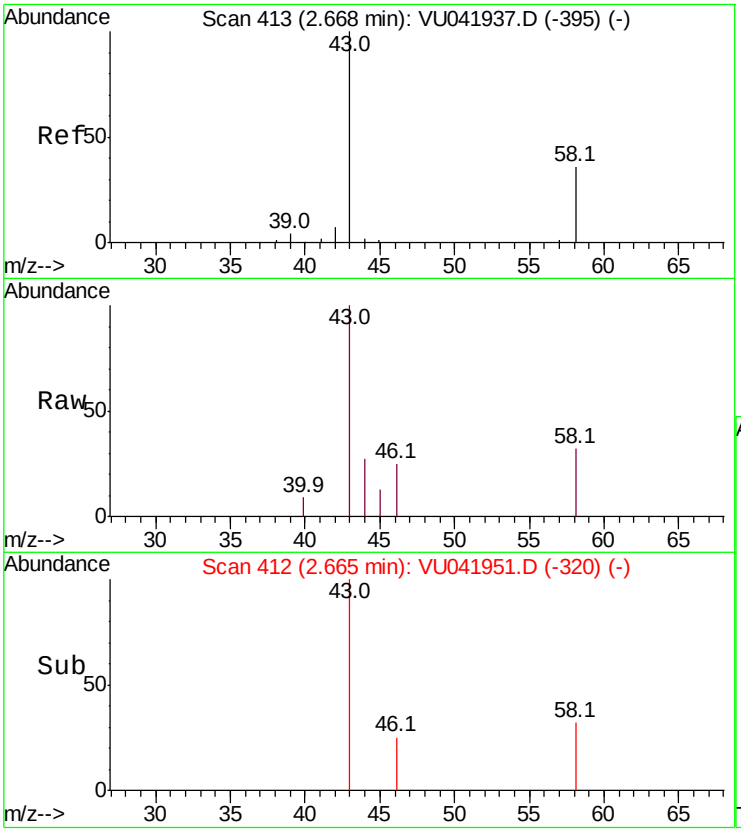


#12
1,1-Dichloroethene
Concen: 0.139 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Tgt Ion: 96 Resp: 1316

Ion	Ratio	Lower	Upper
96	100		
61	670.7	123.5	229.4#
63	5339.9	93.5	173.7#



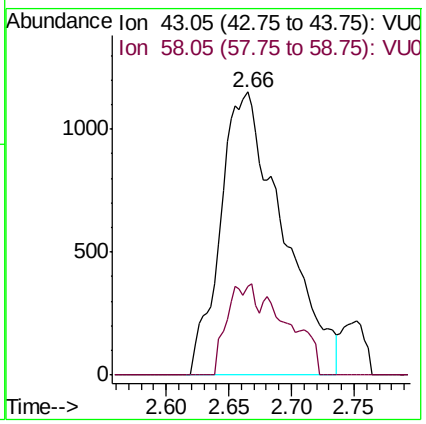


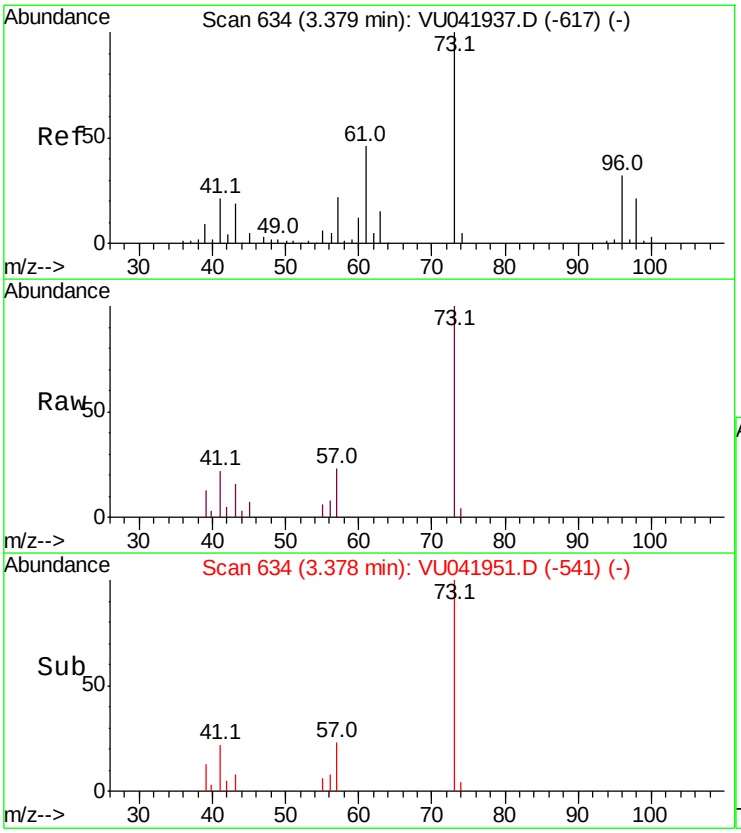
#13
Acetone
Concen: 2.146 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Instrument : MSVOA_U
ClientSampleId : BFXK8

Tgt Ion: 43 Resp: 3969

Ion	Ratio	Lower	Upper
43	100		
58	9.2	0.0	23.6

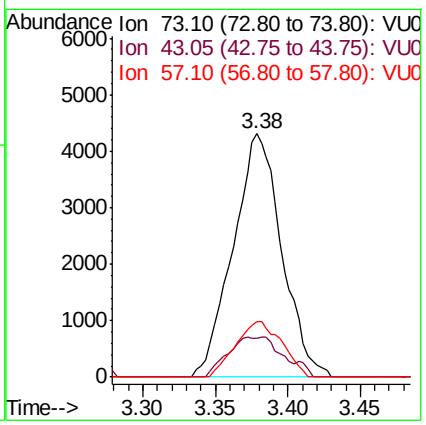


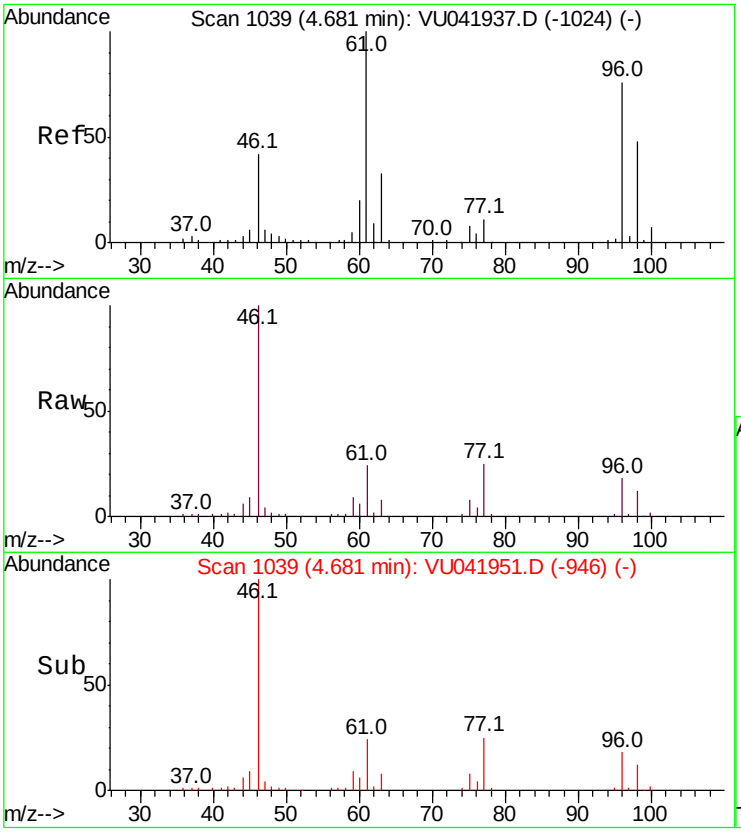


#17
Methyl tert-butyl Ether
Concen: 0.441 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Tgt Ion: 73 Resp: 10038

Ion	Ratio	Lower	Upper
73	100		
43	8.9	15.8	23.8#
57	21.6	18.3	27.5



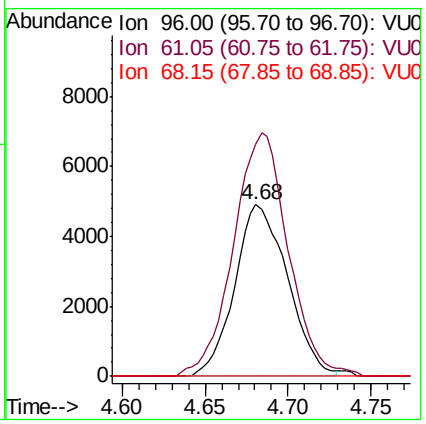


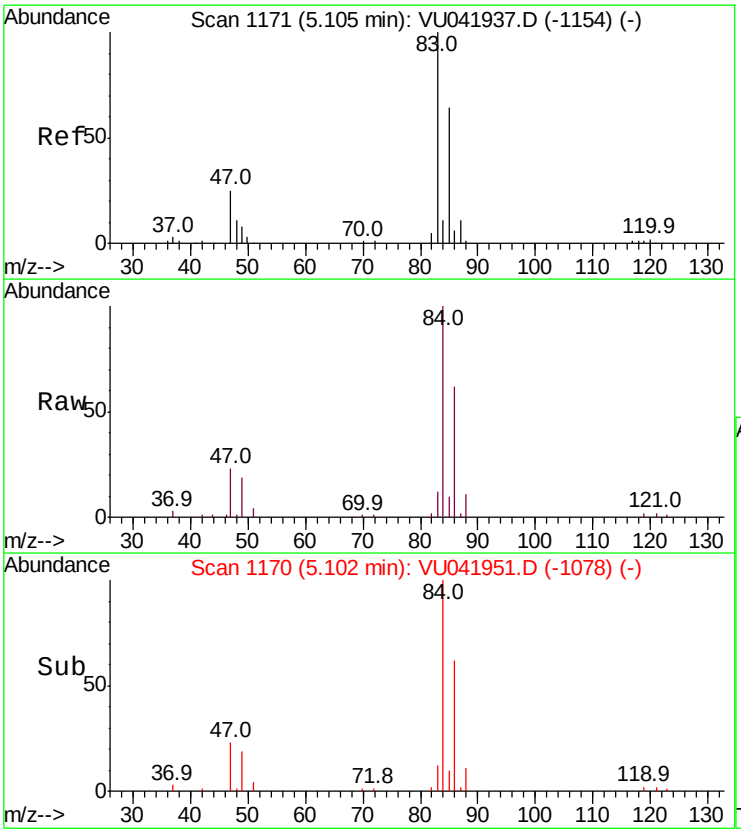
#22
cis-1,2-Dichloroethene
Concen: 1.106 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Instrument :
MSVOA_U
ClientSampleId :
BFXK8

Tgt Ion: 96 Resp: 10879

Ion	Ratio	Lower	Upper
96	100		
61	135.7	90.3	167.7
68	0.0	0.0	0.0

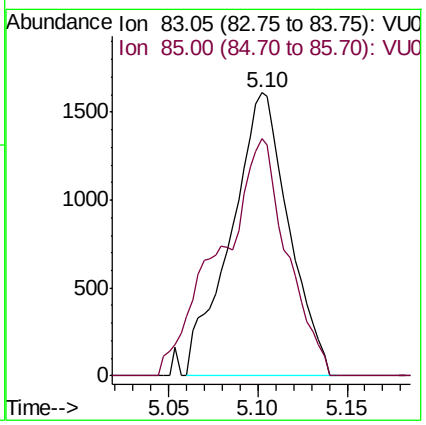


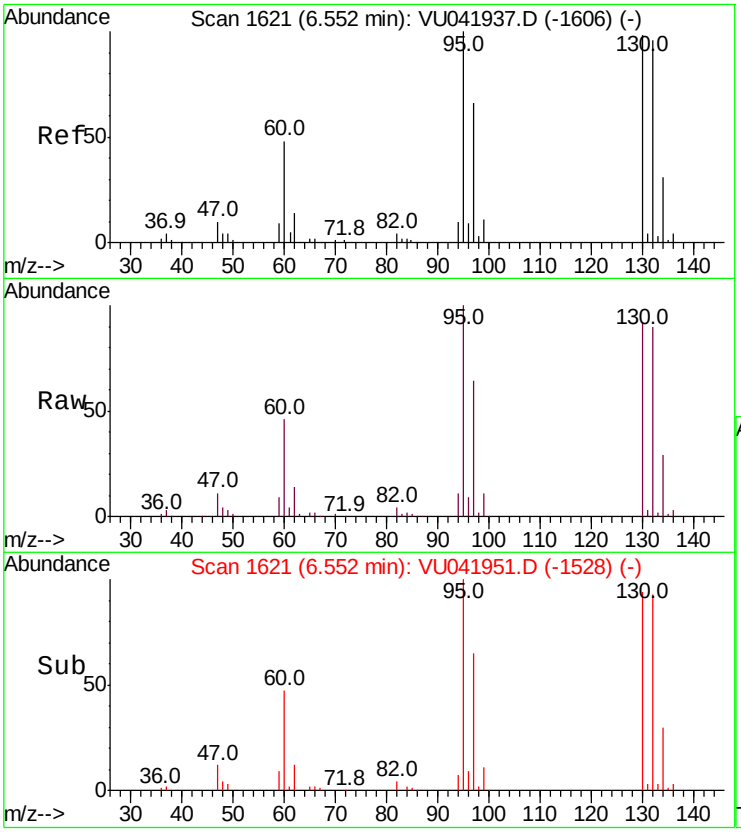


#25
Chloroform
Concen: 0.202 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Tgt Ion: 83 Resp: 3643

Ion	Ratio	Lower	Upper
83	100		
85	83.9	45.1	83.9#



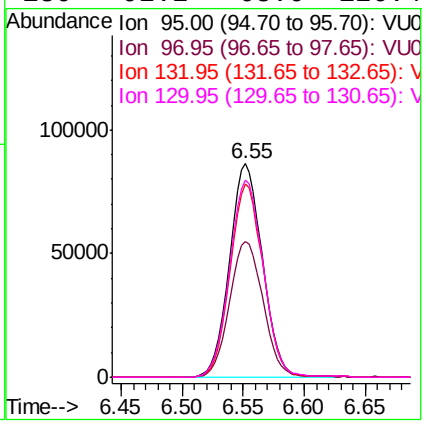


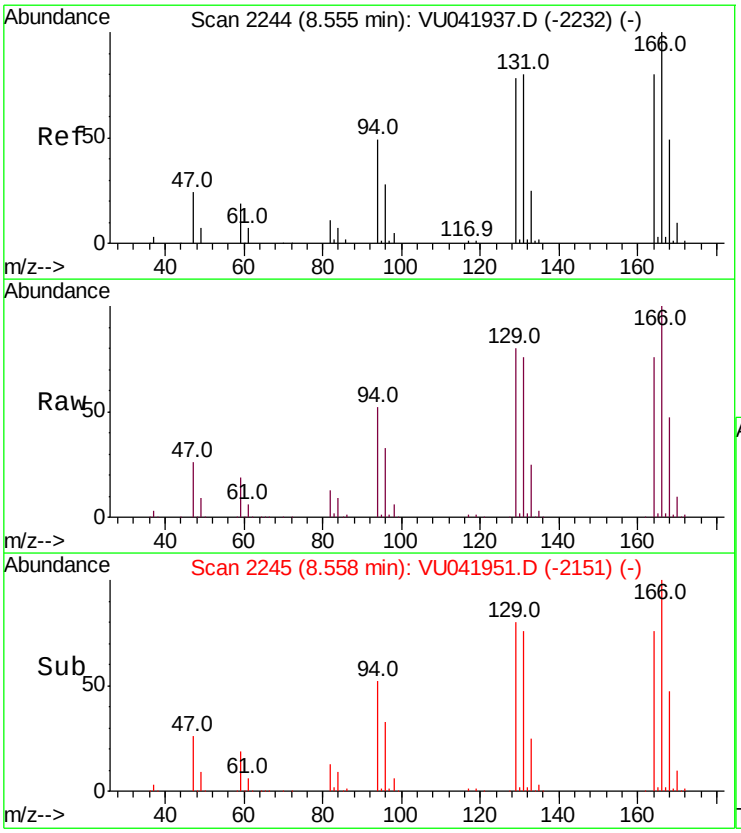
#34
Trichloroethene
Concen: 16.108 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Instrument :
MSVOA_U
ClientSampleId :
BFXK8

Tgt Ion: 95 Resp: 161960

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.2	84.0
132	90.5	68.7	127.5
130	92.2	68.0	126.4





#47
Tetrachloroethene
Concen: 31.181 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041951.D
Acq: 12 Jan 2021 03:47

Tgt Ion:164 Resp: 218155

Ion	Ratio	Lower	Upper
164	100		
129	105.3	69.2	128.6
131	99.5	69.7	129.5
166	130.9	89.2	165.8