Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060120\
Data File : VU038466.D
Acq On : 01 Jun 2020 13:24
Operator : JC/MD
Sample : L2789-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX77

Quant Time: Jun 02 06:17:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	298729	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292971	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139679	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	77838	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.93	69	73293	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.59	63	126092	3.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%			
20) 2-Butanone-d5	4.68	46	369304	62.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.76%			
24) Chloroform-d	5.10	84	192292	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	5.74	65	118883	5.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.40%			
32) Benzene-d6	5.76	84	379510	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
36) 1,2-Dichloropropane-d6	6.72	67	117673	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.92	98	313524	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	8.20	79	49086	5.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.40%			
46) 2-Hexanone-d5	8.65	63	305841	64.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.06%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107460	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	129381	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2654	0.123	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	20163	1.114	ug/L	94
13) Acetone	2.69	43	22149	5.762	ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	9424	0.441	ug/L	94
25) Chloroform	5.13	83	36121	1.002	ug/L	95
30) Cyclohexane	5.43	56	2775	0.085	ug/L #	20
34) Trichloroethene	6.57	95	35020	1.652	ug/L	96
47) Tetrachloroethene	8.57	164	12203	0.792	ug/L	93

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

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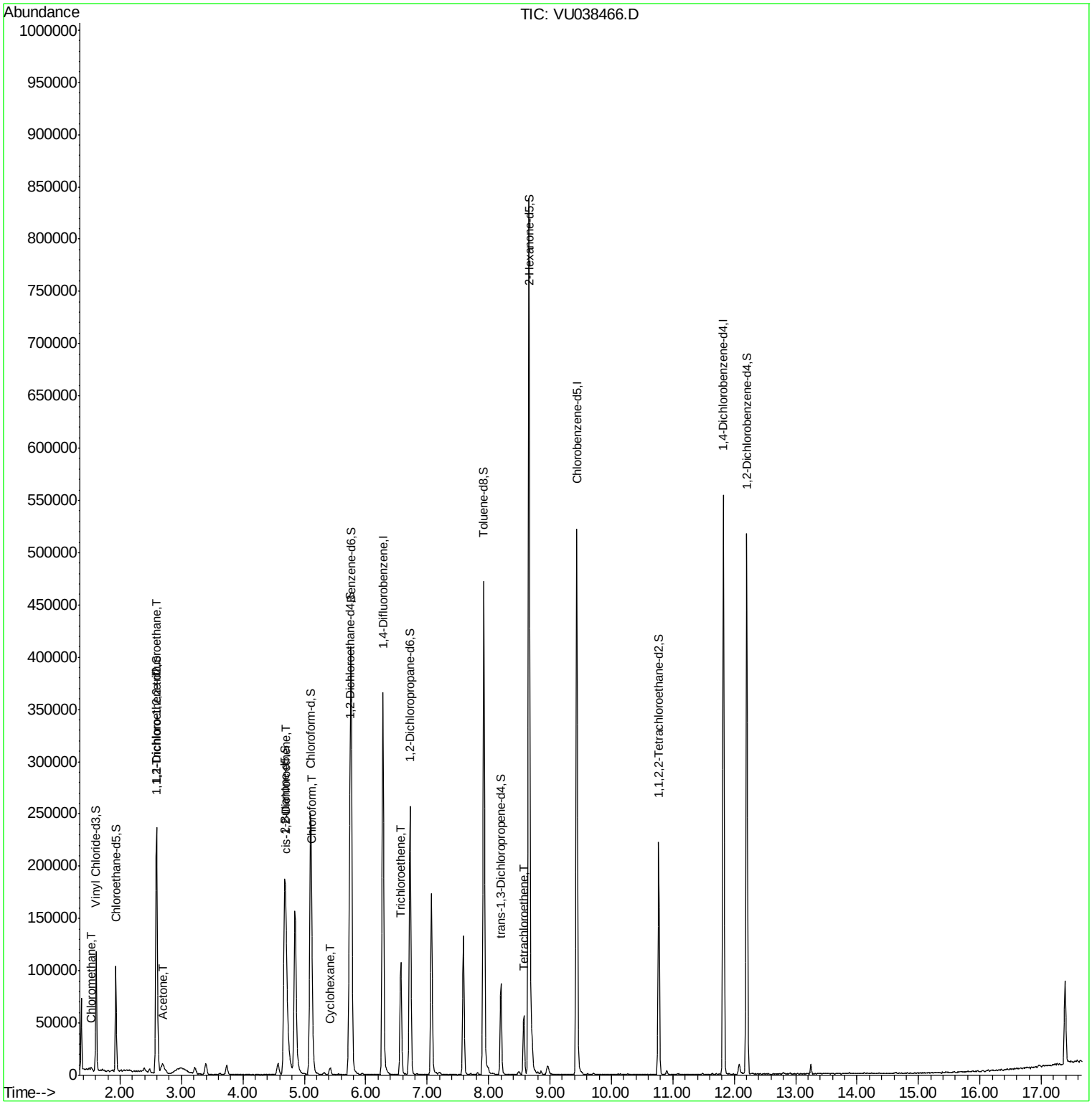
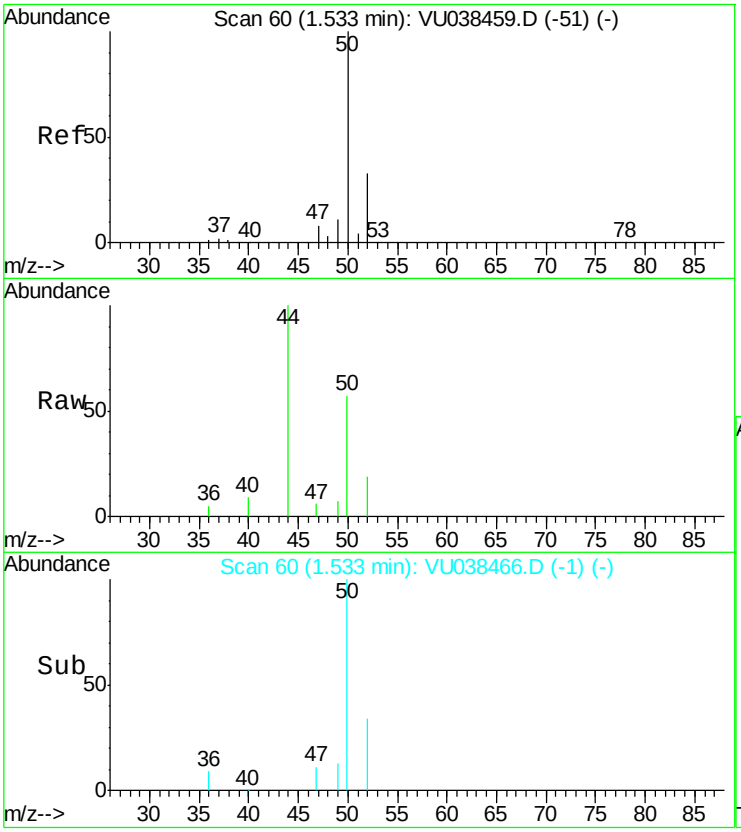
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFX77

Quant Time: Jun 02 06:17:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 05:25:28 2020
Response via : Initial Calibration



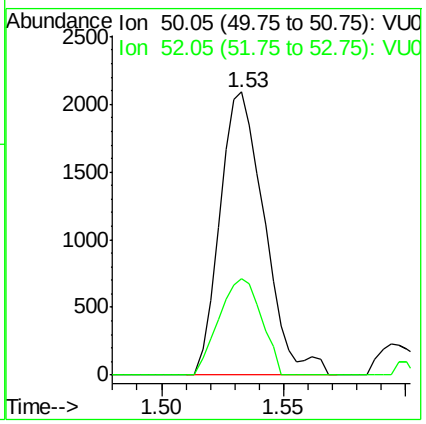


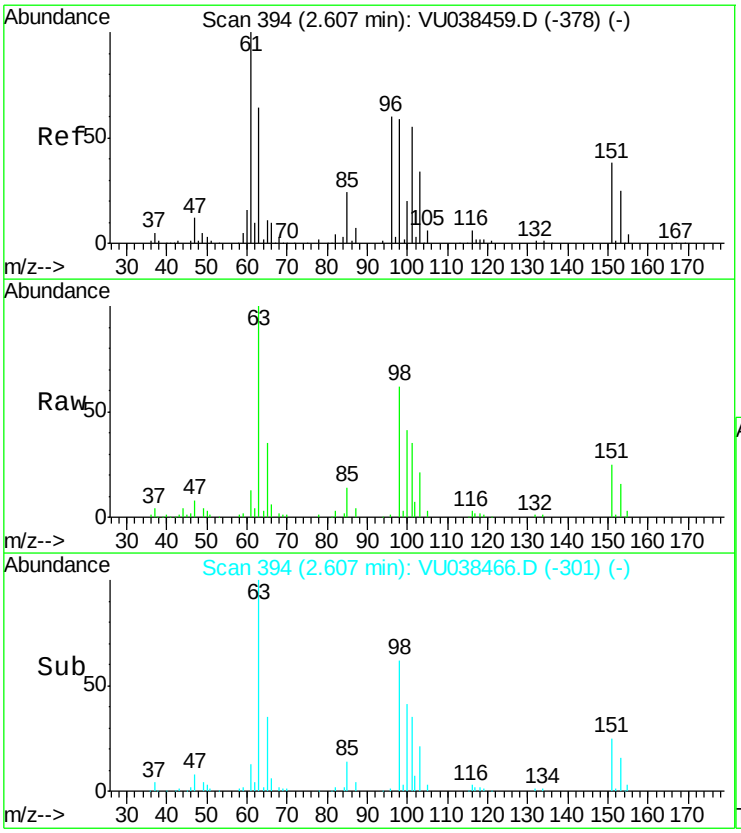
#3
Chloromethane
Concen: 0.123 ug/L
RT: 1.53 min Scan# 60
Delta R.T. 0.00 min
Lab File: VU038466.D
Acq: 01 Jun 2020 13:24

Instrument :
MSVOA_U
ClientSampleId :
BFX77

Tgt Ion: 50 Resp: 2654

Ion	Ratio	Lower	Upper
50	100		
52	34.3	22.9	42.5

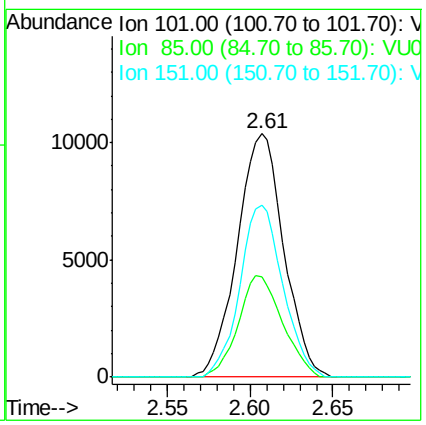


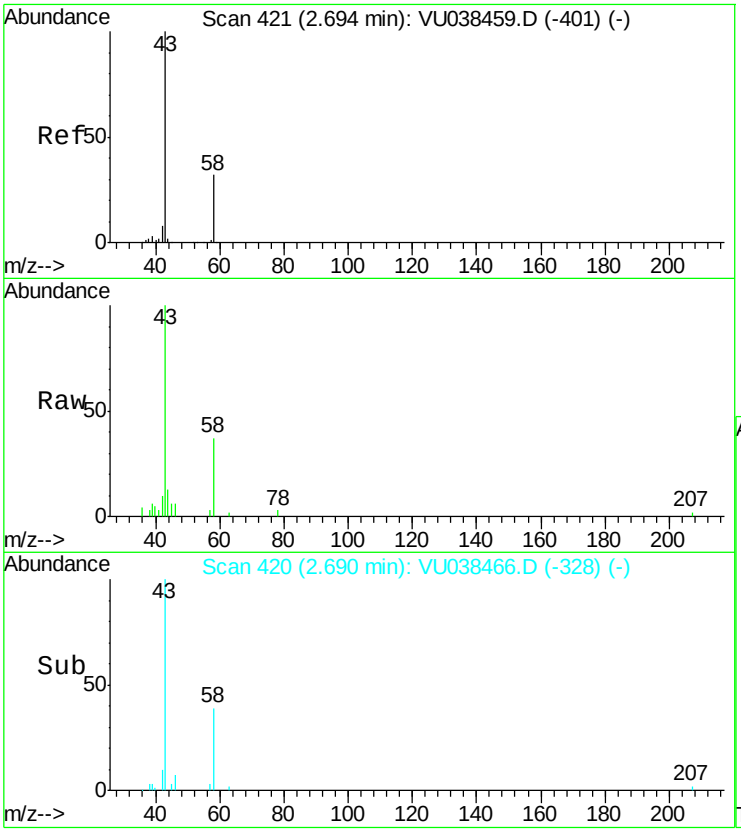


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.114 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU038466.D
Acq: 01 Jun 2020 13:24

Tgt Ion:101 Resp: 20163

Ion	Ratio	Lower	Upper
101	100		
85	39.6	34.0	51.0
151	65.4	56.9	85.3



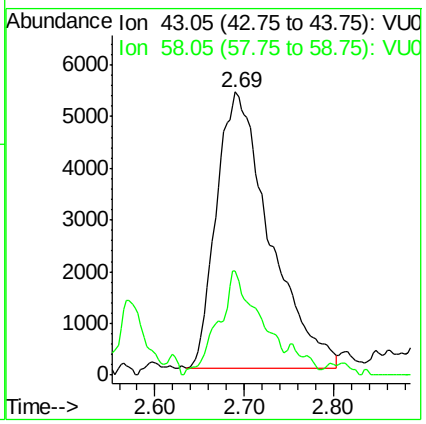


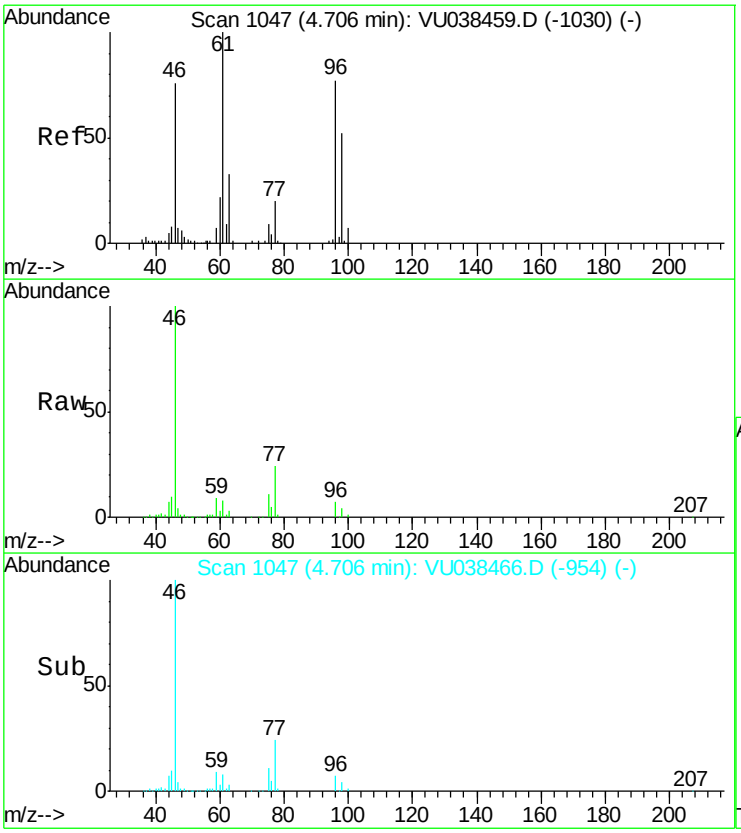
#13
Acetone
Concen: 5.762 ug/L
RT: 2.69 min Scan# 420
Delta R.T. -0.00 min
Lab File: VU038466.D
Acq: 01 Jun 2020 13:24

Instrument :
MSVOA_U
ClientSampleId :
BFX77

Tgt Ion: 43 Resp: 22149

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	65.6

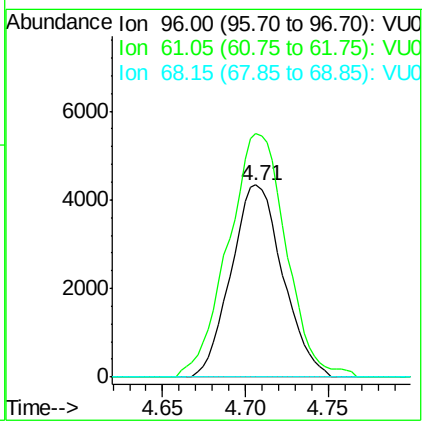


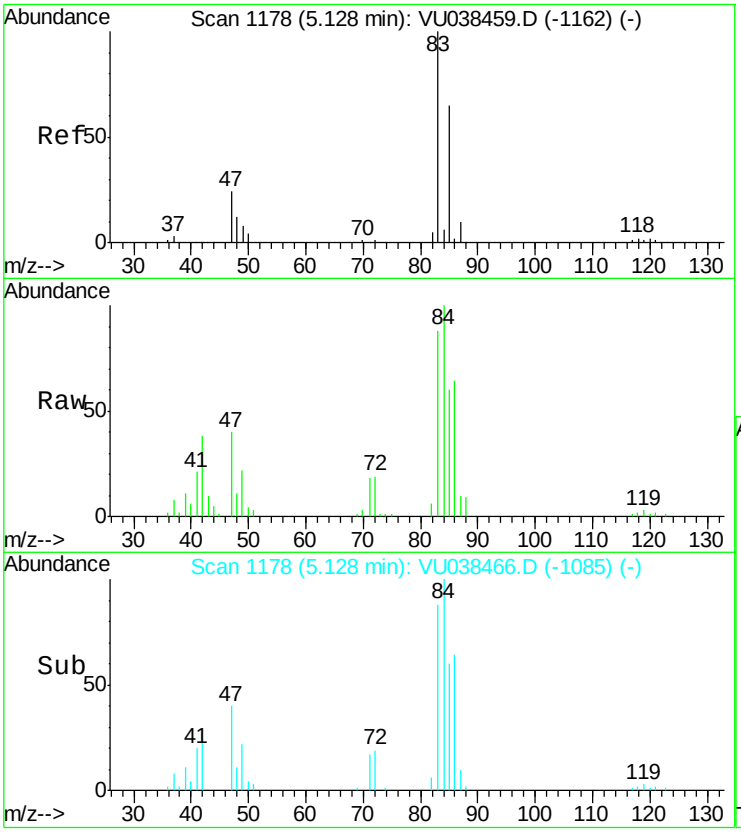


#22
cis-1,2-Dichloroethene
Concen: 0.441 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038466.D
Acq: 01 Jun 2020 13:24

Tgt Ion: 96 Resp: 9424

Ion	Ratio	Lower	Upper
96	100		
61	126.9	94.0	174.6
68	0.0	0.0	0.0



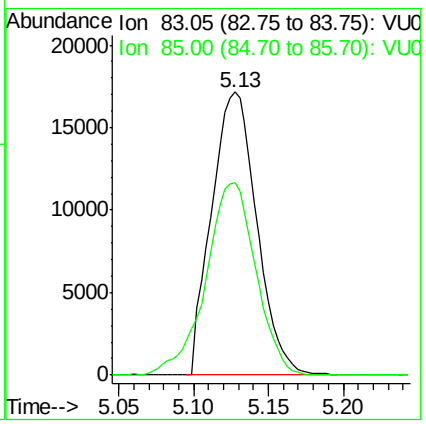


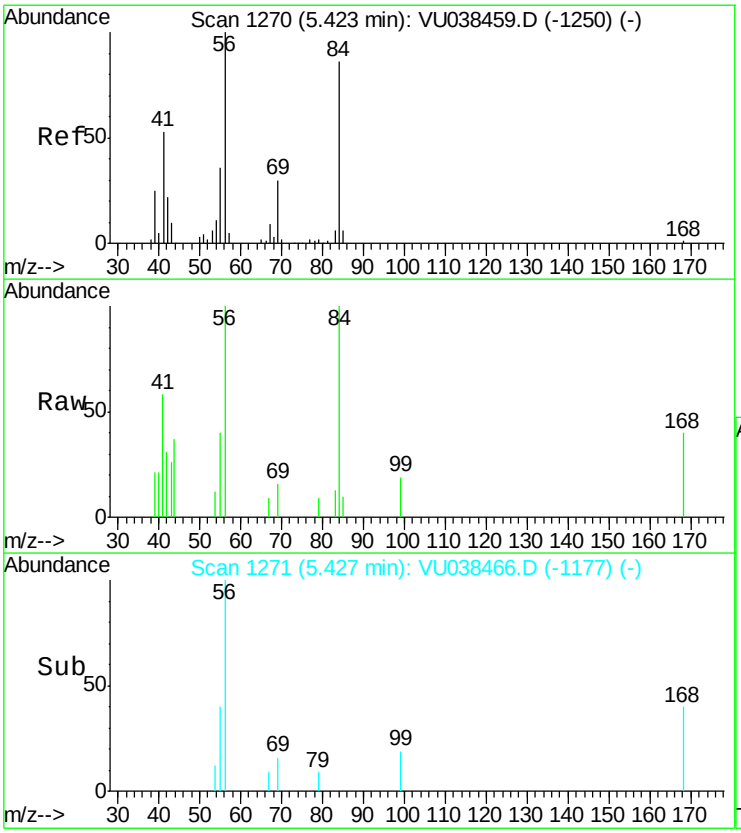
#25
Chloroform
Concen: 1.002 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU038466.D
Acq: 01 Jun 2020 13:24

Instrument :
MSVOA_U
ClientSampleId :
BFX77

Tgt Ion: 83 Resp: 36121

Ion	Ratio	Lower	Upper
83	100		
85	67.8	44.9	83.5

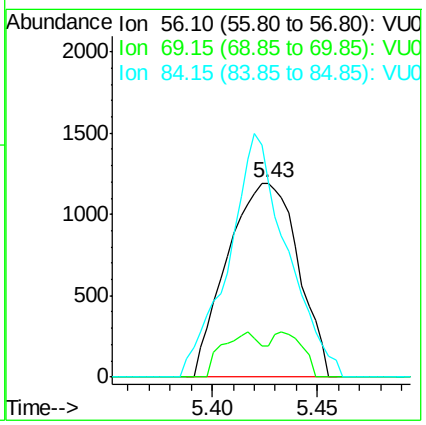


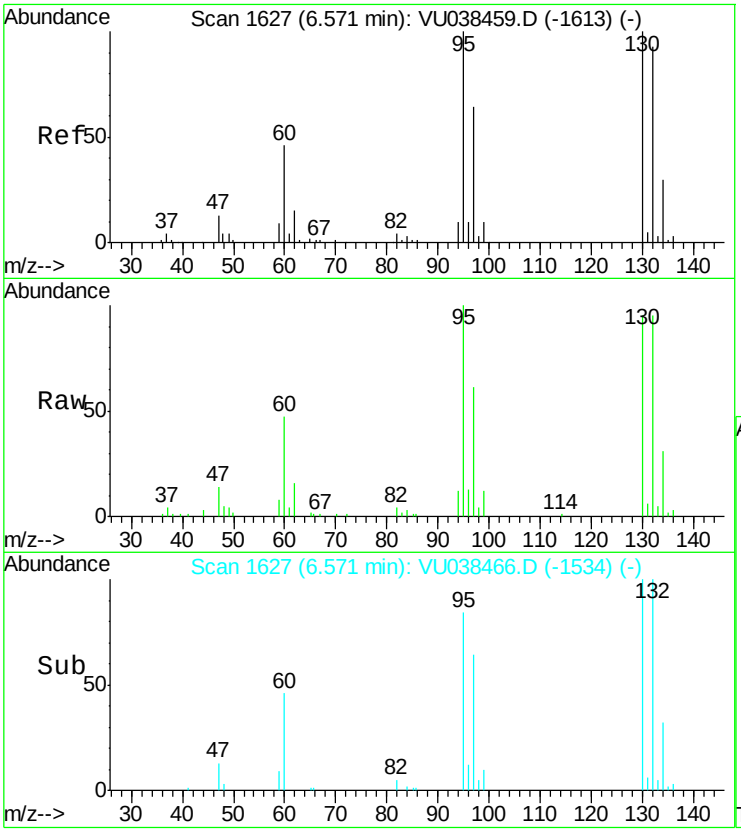


#30
Cyclohexane
Concen: 0.085 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038466.D
Acq: 01 Jun 2020 13:24

Tgt Ion: 56 Resp: 2775

Ion	Ratio	Lower	Upper
56	100		
69	9.5	24.2	36.4#
84	0.0	70.8	106.2#



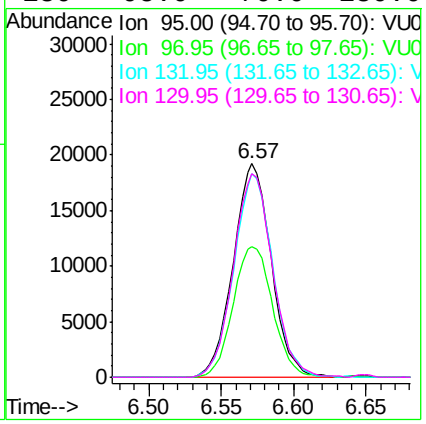


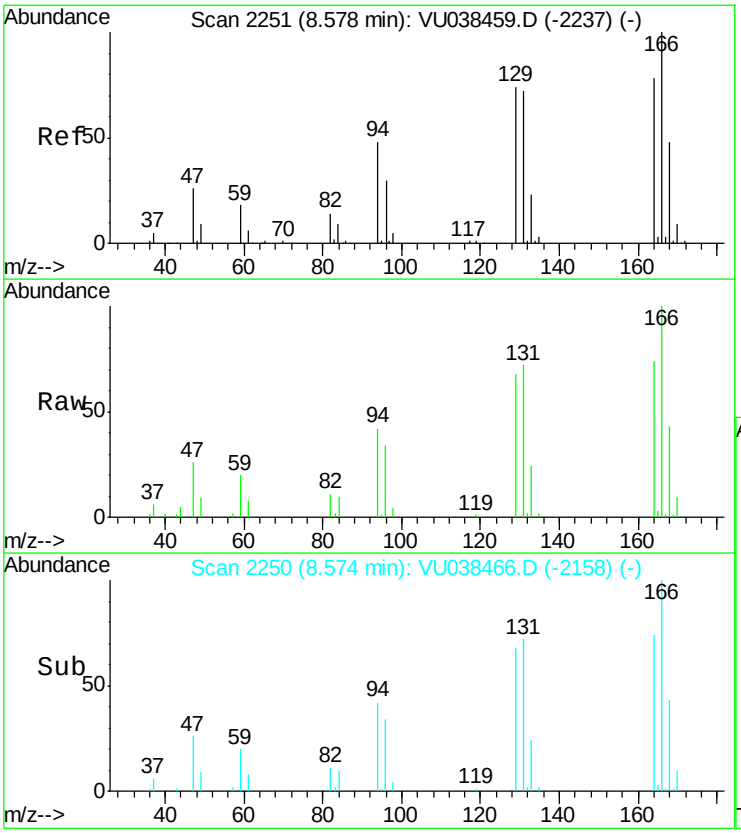
#34
Trichloroethene
Concen: 1.652 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038466.D
Acq: 01 Jun 2020 13:24

Instrument :
MSVOA_U
ClientSampleId :
BFX77

Tgt Ion: 95 Resp: 35020

Ion	Ratio	Lower	Upper
95	100		
97	61.4	46.8	87.0
132	95.1	66.1	122.7
130	95.0	70.0	130.0





#47
Tetrachloroethene
Concen: 0.792 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU038466.D
Acq: 01 Jun 2020 13:24

Tgt Ion:164 Resp: 12203

Ion	Ratio	Lower	Upper
164	100		
129	91.2	67.4	125.2
131	96.7	64.1	119.1
166	134.6	85.7	159.1