Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041760.D
Acq On : 22 Dec 2020 22:48
Operator : SY/MD
Sample : L5161-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB242

Quant Time: Dec 23 06:35:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118502	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118207	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50357	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	31997	3.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.00%			
7) Chloroethane-d5	1.92	69	38919	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.60%			
11) 1,1-Dichloroethene-d2	2.58	63	54970	3.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.40%			
20) 2-Butanone-d5	4.66	46	161844	60.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.64%			
24) Chloroform-d	5.08	84	82063	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	5.72	65	47219	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.74	84	150707	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.70	67	50906	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.91	98	123170	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20838	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.64	63	138323	53.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.06%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52031	5.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50208	5.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.20%			
Target Compounds						Qvalue
13) Acetone	2.67	43	68032	40.191	ug/L	98
16) Methylene chloride	3.06	84	1080	0.112	ug/L #	68
21) 2-Butanone	4.75	43	3432	1.245	ug/L	75
25) Chloroform	5.10	83	14181	0.906	ug/L	99
30) Cyclohexane	5.40	56	860	0.057	ug/L #	61
31) Carbon tetrachloride	5.54	117	40762	3.473	ug/L	99
34) Trichloroethene	6.55	95	935	0.098	ug/L	86

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

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Quant Title : TRACE VOA SOM01.0
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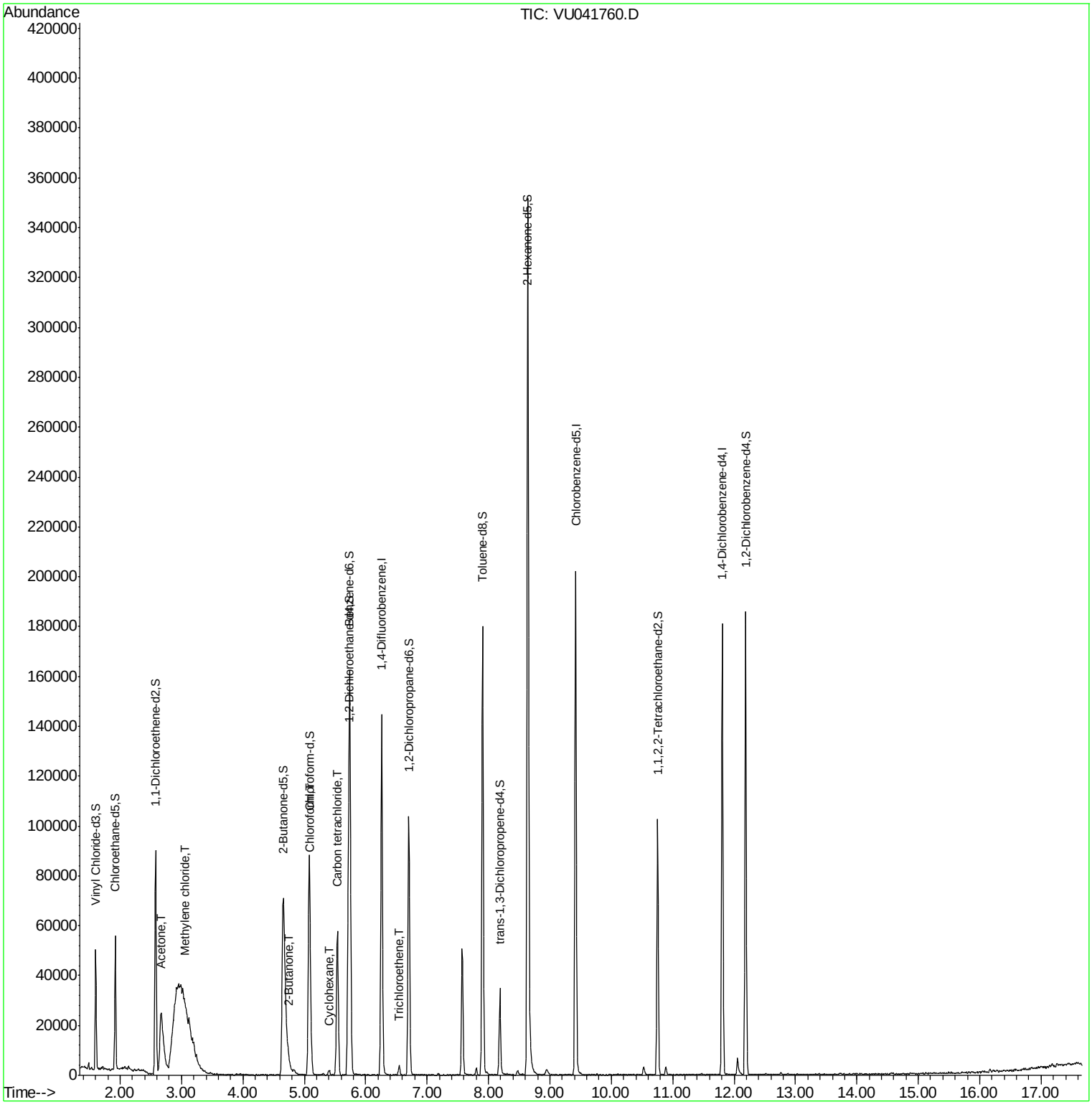
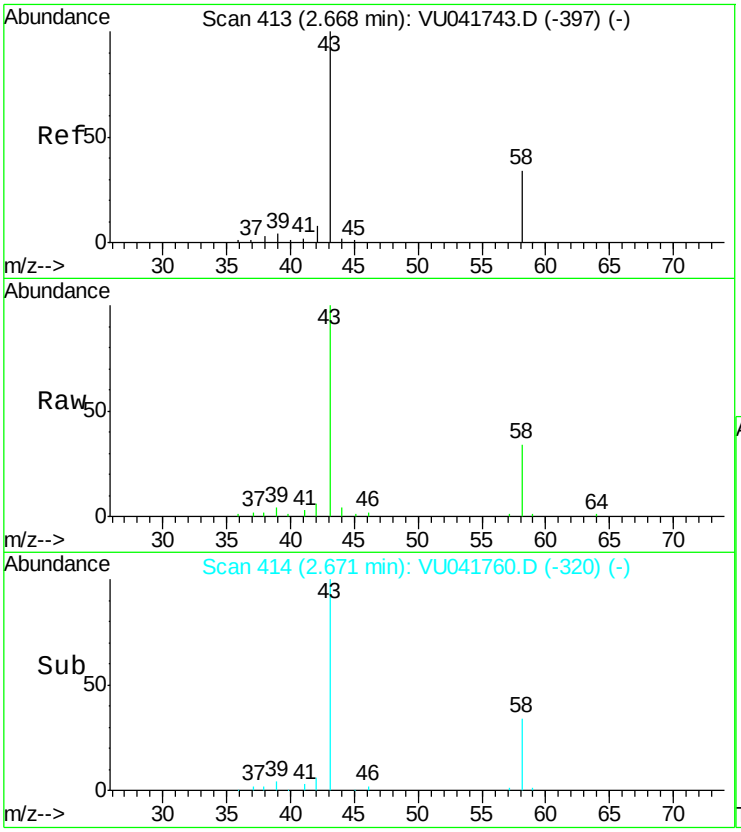


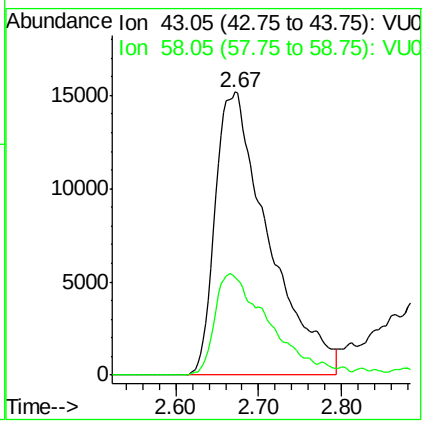


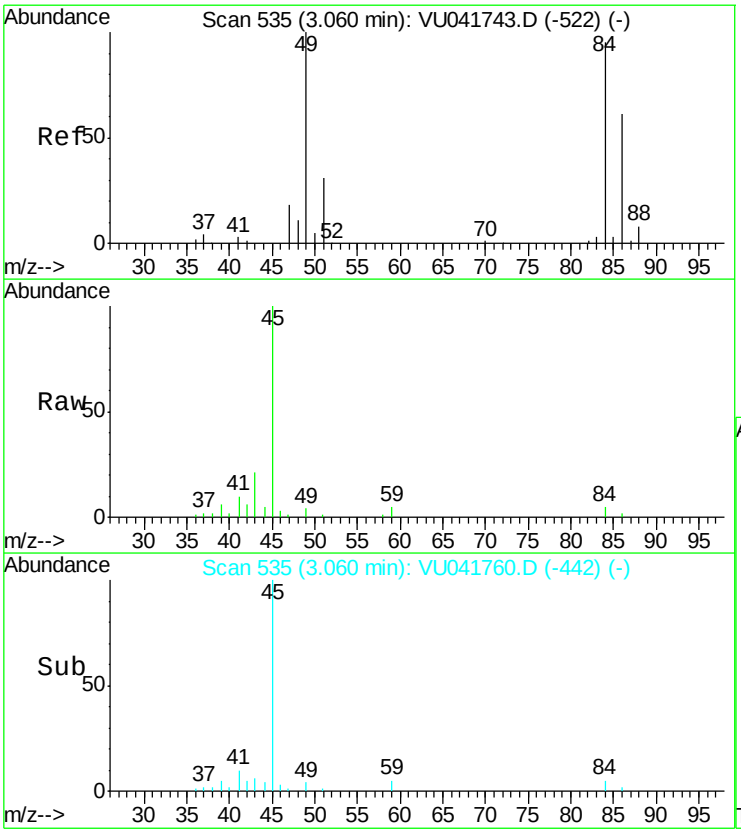
#13
Acetone
Concen: 40.191 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU041760.D
Acq: 22 Dec 2020 22:48

Instrument : MSVOA_U
ClientSampleId : GB242

Tgt Ion: 43 Resp: 68032

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	73.2

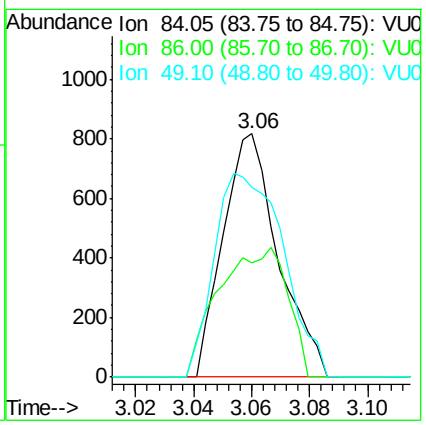


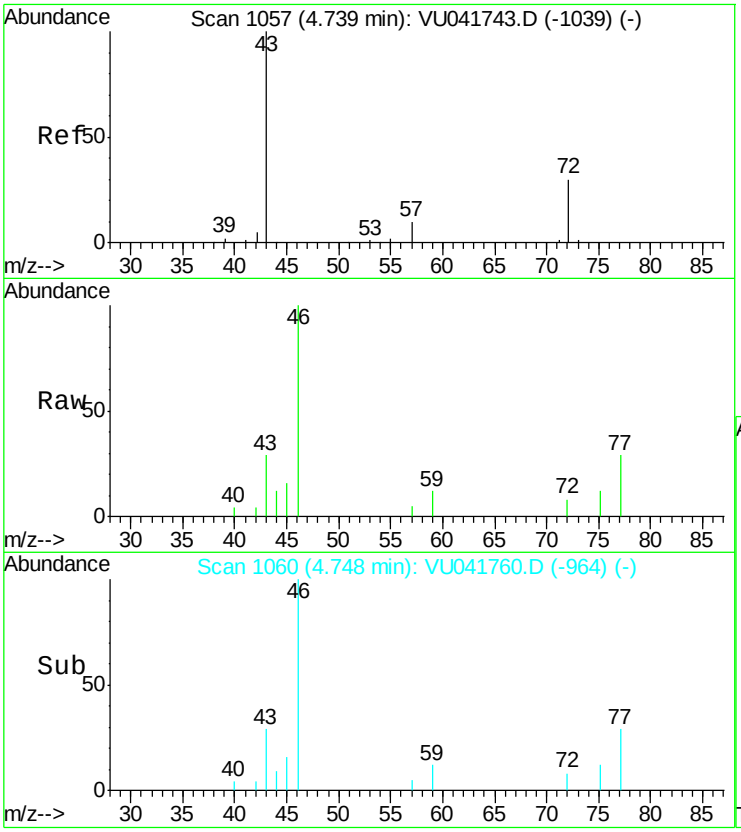


#16
Methylene chloride
Concen: 0.112 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041760.D
Acq: 22 Dec 2020 22:48

Tgt Ion: 84 Resp: 1080

Ion	Ratio	Lower	Upper
84	100		
86	46.8	45.1	83.7
49	77.9	83.1	154.3#



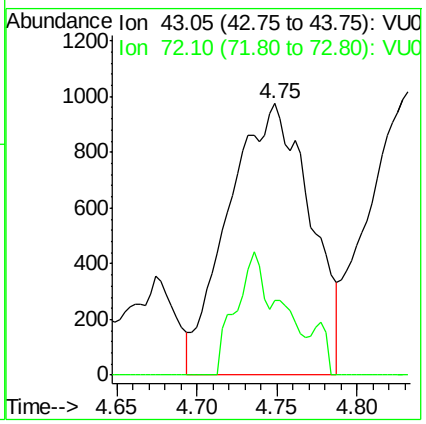


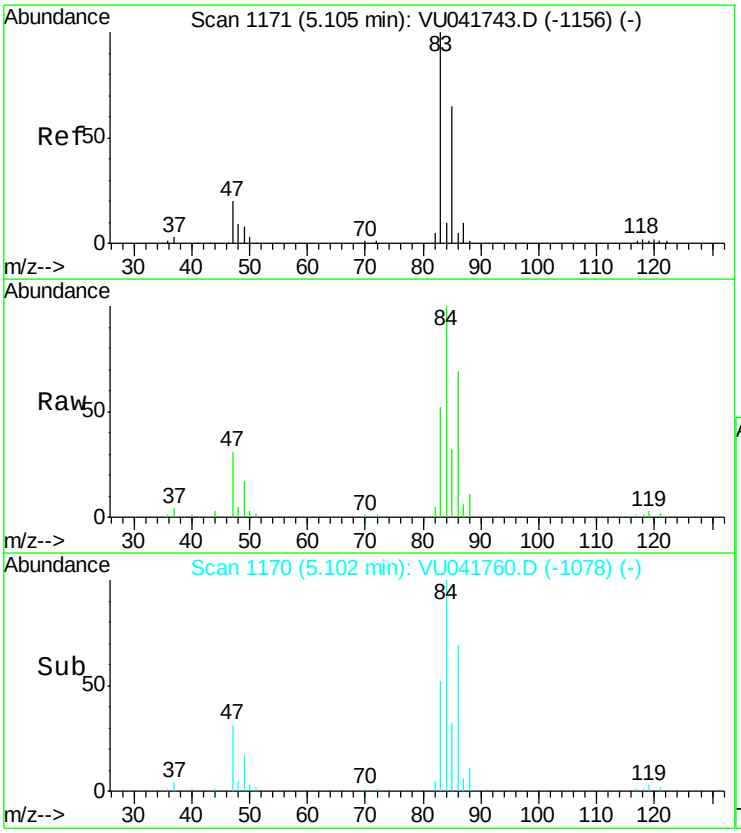
#21
2-Butanone
Concen: 1.245 ug/L
RT: 4.75 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VU041760.D
Acq: 22 Dec 2020 22:48

Instrument : MSVOA_U
ClientSampleId : GB242

Tgt Ion: 43 Resp: 3432

Ion	Ratio	Lower	Upper
43	100		
72	16.0	14.6	44.0

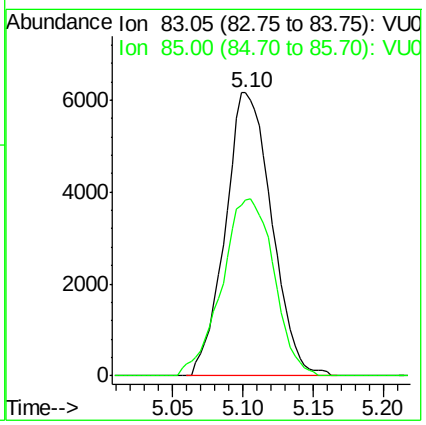


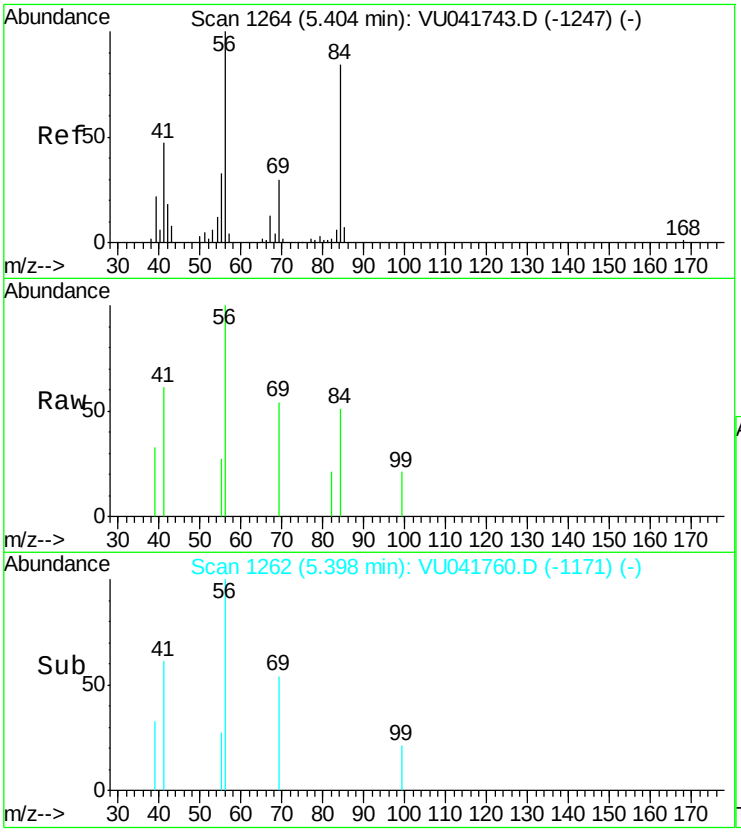


#25
Chloroform
Concen: 0.906 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041760.D
Acq: 22 Dec 2020 22:48

Tgt Ion: 83 Resp: 14181

Ion	Ratio	Lower	Upper
83	100		
85	61.9	44.2	82.0



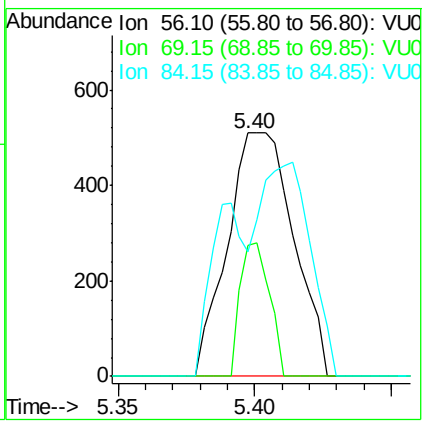


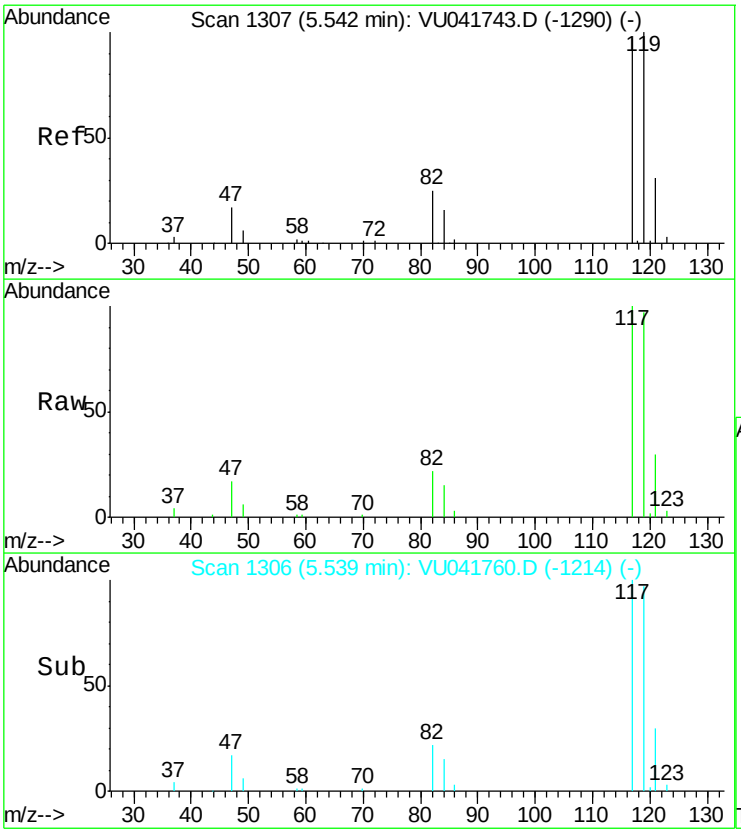
#30
Cyclohexane
Concen: 0.057 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU041760.D
Acq: 22 Dec 2020 22:48

Instrument : MSVOA_U
ClientSampleId : GB242

Tgt Ion: 56 Resp: 860

Ion	Ratio	Lower	Upper
56	100		
69	24.0	23.8	35.8
84	38.1	66.2	99.4#

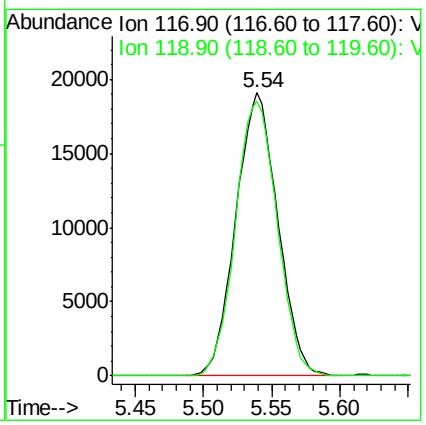


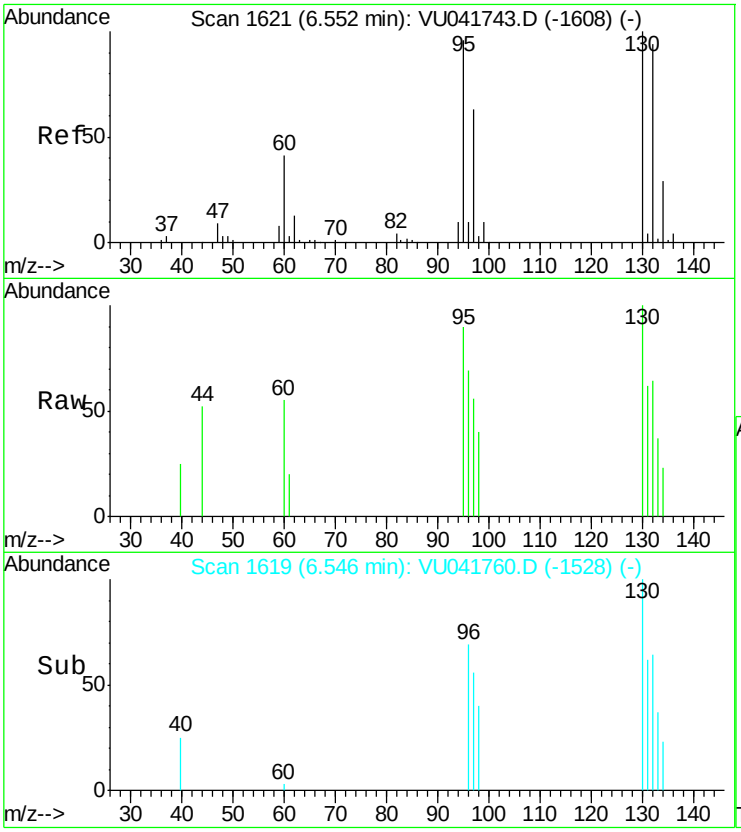


#31
Carbon tetrachloride
Concen: 3.473 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041760.D
Acq: 22 Dec 2020 22:48

Tgt Ion:117 Resp: 40762

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.2





#34
Trichloroethene
Concen: 0.098 ug/L
RT: 6.55 min Scan# 1619
Delta R.T. -0.01 min
Lab File: VU041760.D
Acq: 22 Dec 2020 22:48

Instrument :
MSVOA_U
ClientSampleId :
GB242

Tgt Ion: 95 Resp: 935

Ion	Ratio	Lower	Upper
95	100		
97	61.7	43.9	81.5
132	70.4	63.1	117.3
130	110.5	67.4	125.2