Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041758.D
Acq On : 22 Dec 2020 22:00
Operator : SY/MD
Sample : L5161-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB240

Quant Time: Dec 23 06:29:59 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	121074	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49759	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	32631	3.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.00%			
7) Chloroethane-d5	1.92	69	36985	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.58	63	56976	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.65	46	154792	56.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.86%			
24) Chloroform-d	5.08	84	81504	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.72	65	47125	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.74	84	154045	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.70	67	51922	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.90	98	125614	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.00%			
43) trans-1,3-Dichloropropene-	8.19	79	19924	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	8.64	63	135692	51.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.72%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51117	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51583	5.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.60%			
Target Compounds						Qvalue
13) Acetone	2.66	43	51433	29.739	ug/L	98
16) Methylene chloride	3.06	84	1253	0.128	ug/L	79
21) 2-Butanone	4.74	43	3661	1.300	ug/L	90
25) Chloroform	5.11	83	8822	0.552	ug/L	94
30) Cyclohexane	5.40	56	1580	0.104	ug/L #	78
31) Carbon tetrachloride	5.54	117	19188	1.630	ug/L	94
34) Trichloroethene	6.55	95	4740	0.497	ug/L	89

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

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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB240

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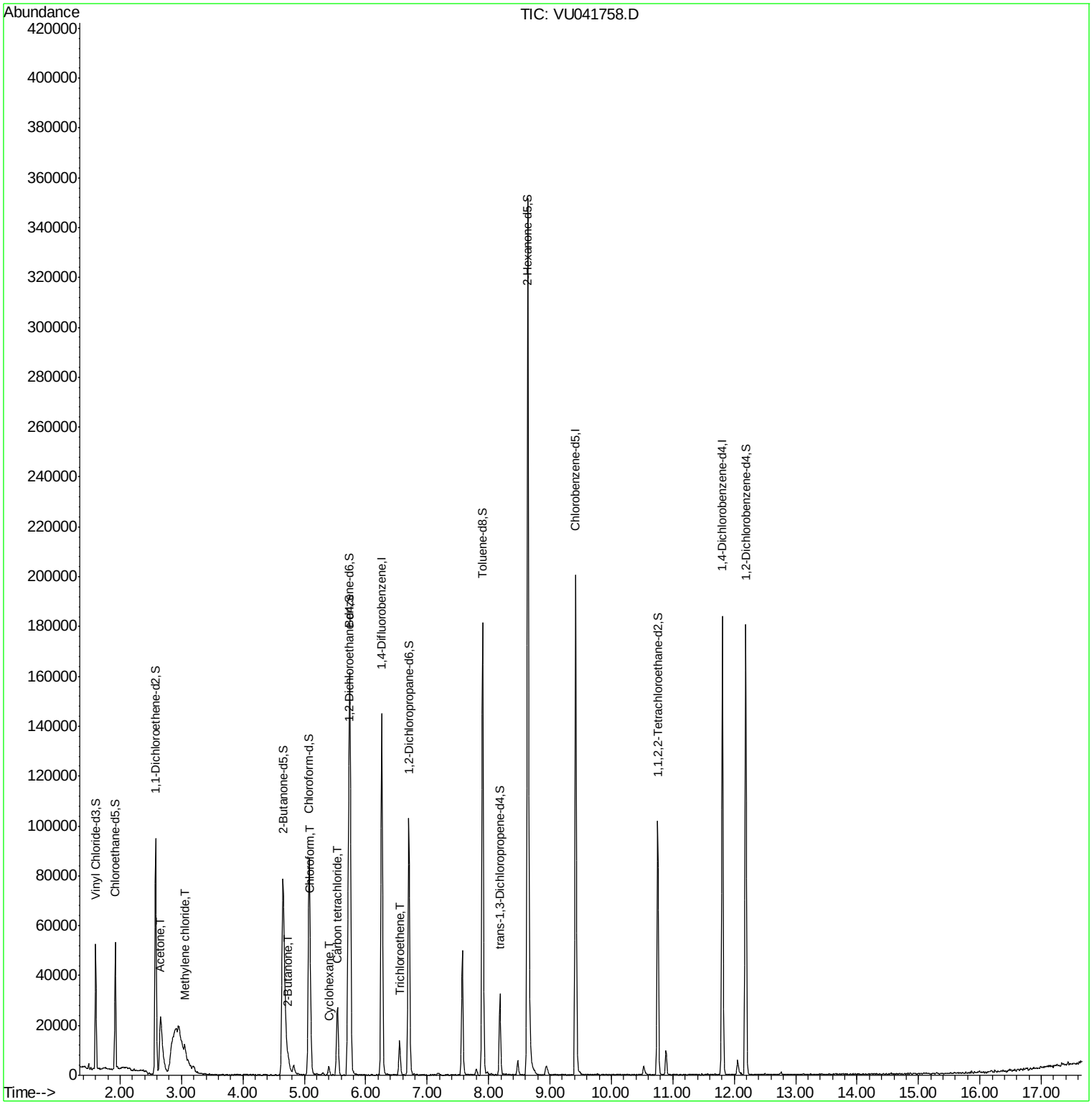
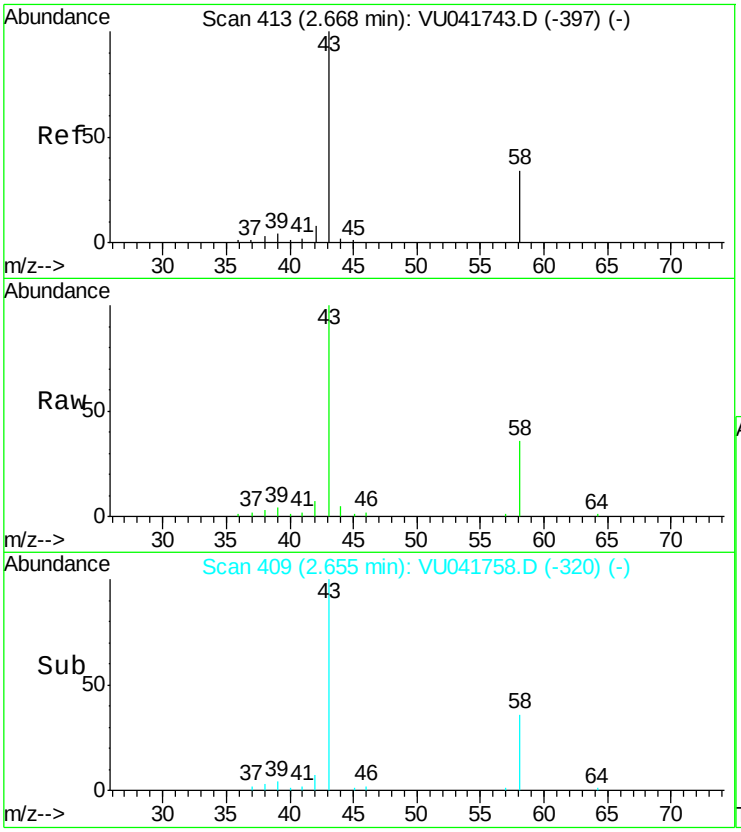
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration



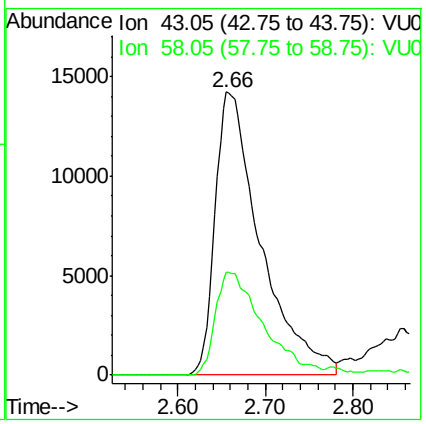


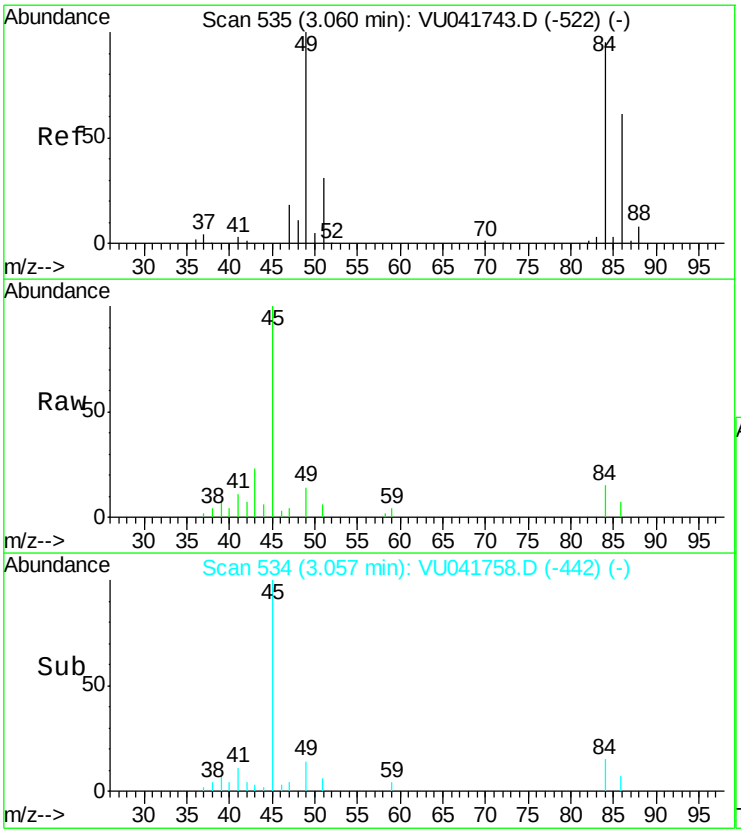
#13
Acetone
Concen: 29.739 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.01 min
Lab File: VU041758.D
Acq: 22 Dec 2020 22:00

Instrument : MSVOA_U
ClientSampleId : GB240

Tgt Ion: 43 Resp: 51433

Ion	Ratio	Lower	Upper
43	100		
58	37.8	0.0	73.2

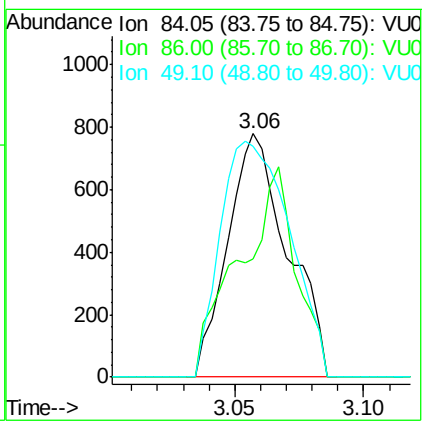


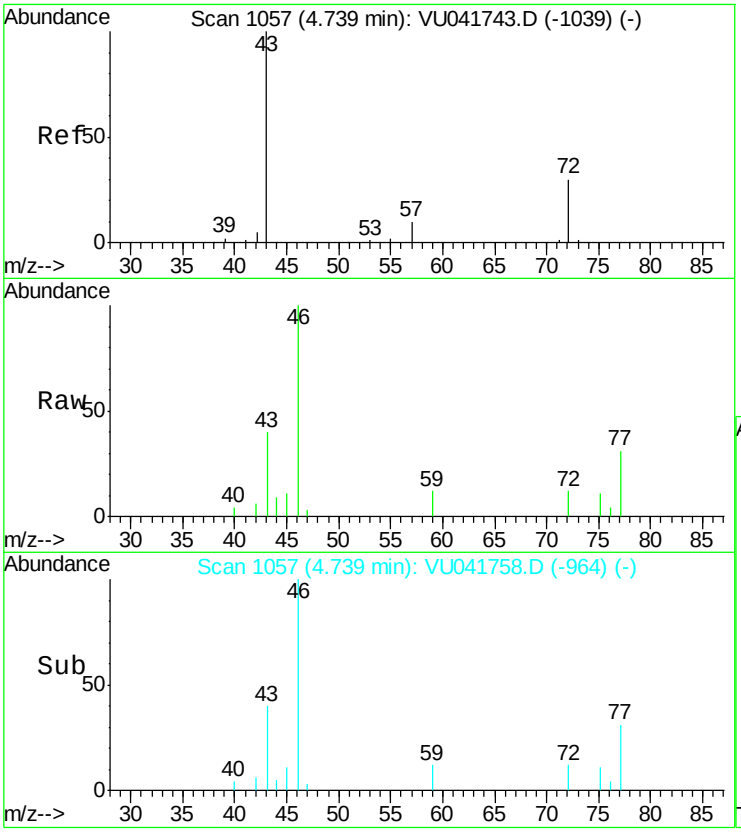


#16
Methylene chloride
Concen: 0.128 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041758.D
Acq: 22 Dec 2020 22:00

Tgt Ion: 84 Resp: 1253

Ion	Ratio	Lower	Upper
84	100		
86	48.5	45.1	83.7
49	94.6	83.1	154.3



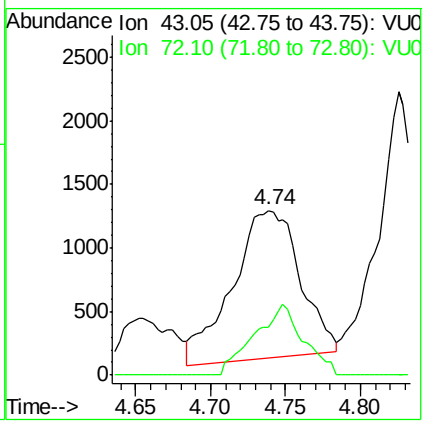


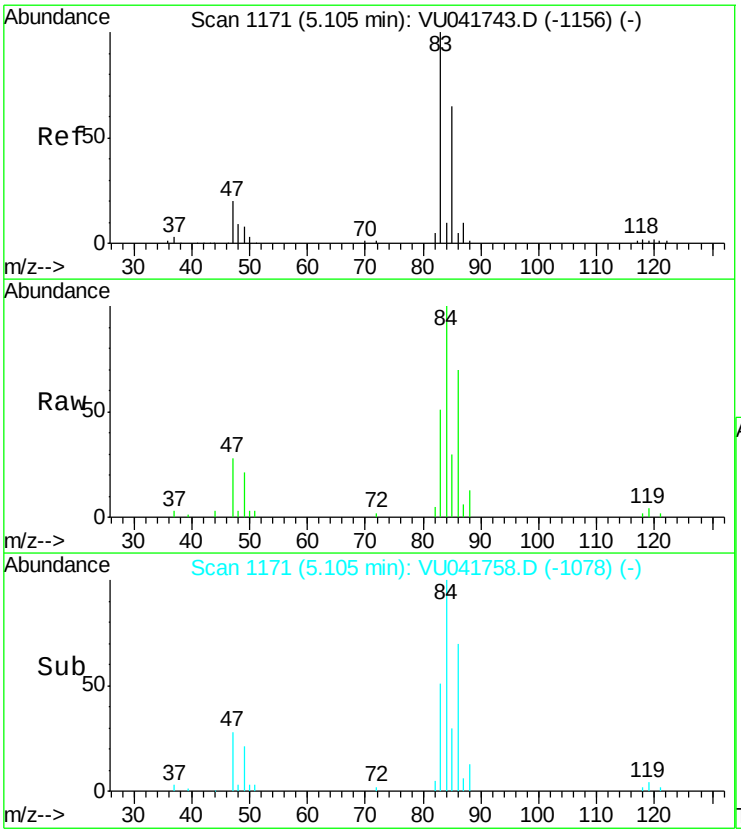
#21
2-Butanone
Concen: 1.300 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VU041758.D
Acq: 22 Dec 2020 22:00

Instrument : MSVOA_U
ClientSampleId : GB240

Tgt Ion: 43 Resp: 3661

Ion	Ratio	Lower	Upper
43	100		
72	34.5	14.6	44.0

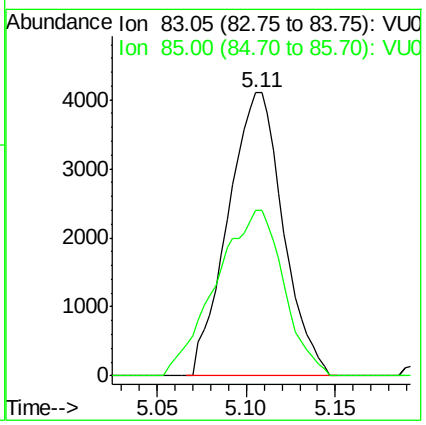


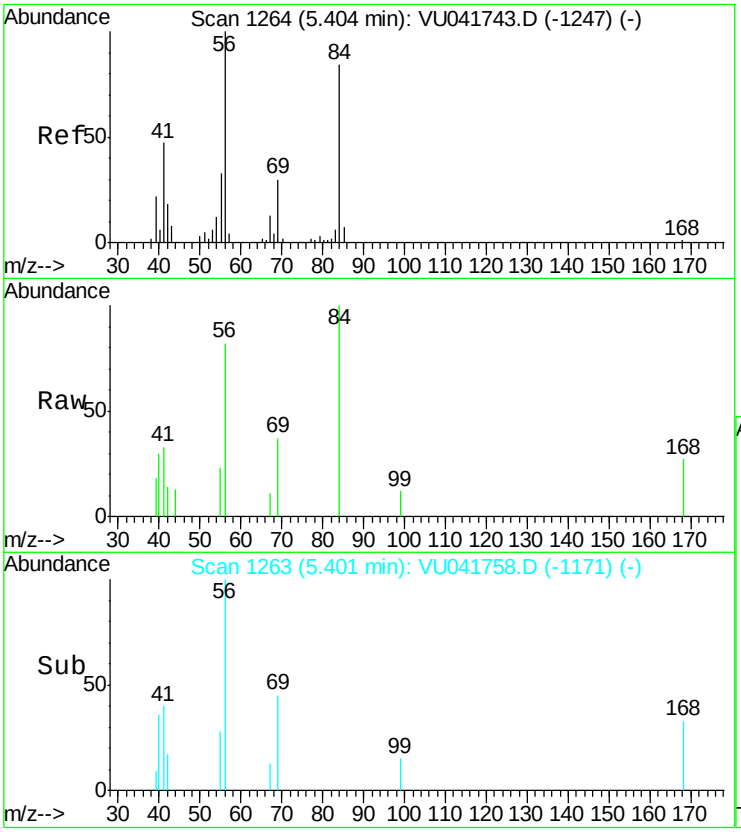


#25
Chloroform
Concen: 0.552 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041758.D
Acq: 22 Dec 2020 22:00

Tgt Ion: 83 Resp: 8822

Ion	Ratio	Lower	Upper
83	100		
85	58.6	44.2	82.0



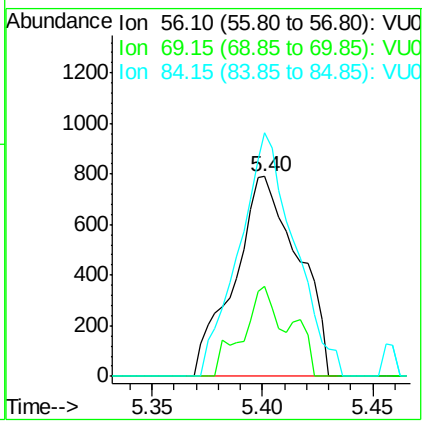


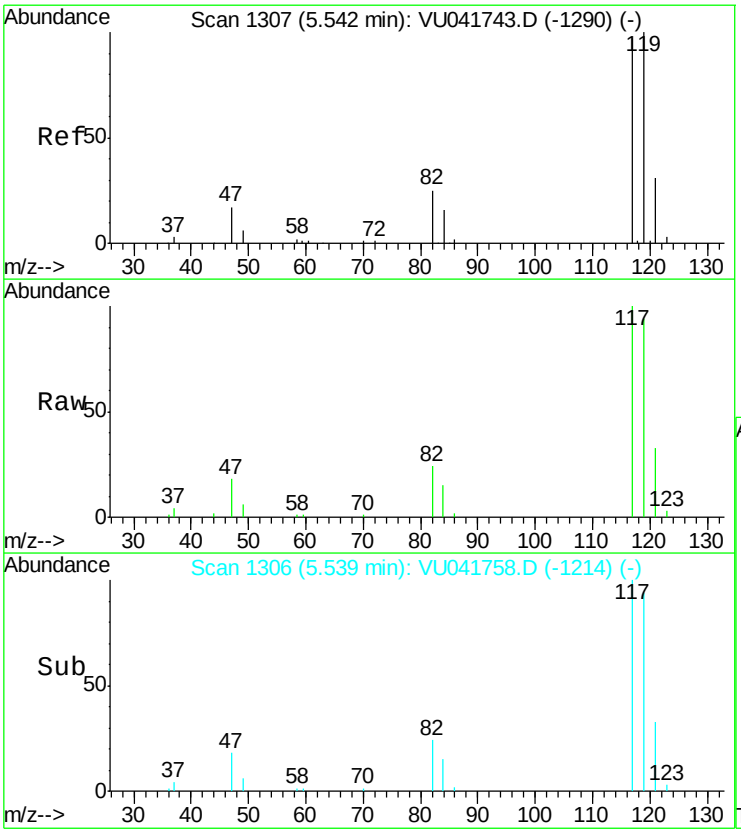
#30
Cyclohexane
Concen: 0.104 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU041758.D
Acq: 22 Dec 2020 22:00

Instrument : MSVOA_U
ClientSampleId : GB240

Tgt Ion: 56 Resp: 1580

Ion	Ratio	Lower	Upper
56	100		
69	25.4	23.8	35.8
84	106.9	66.2	99.4#

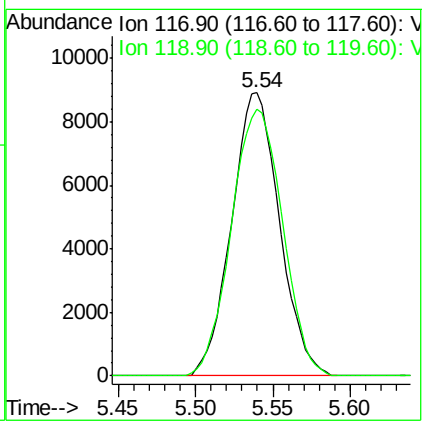


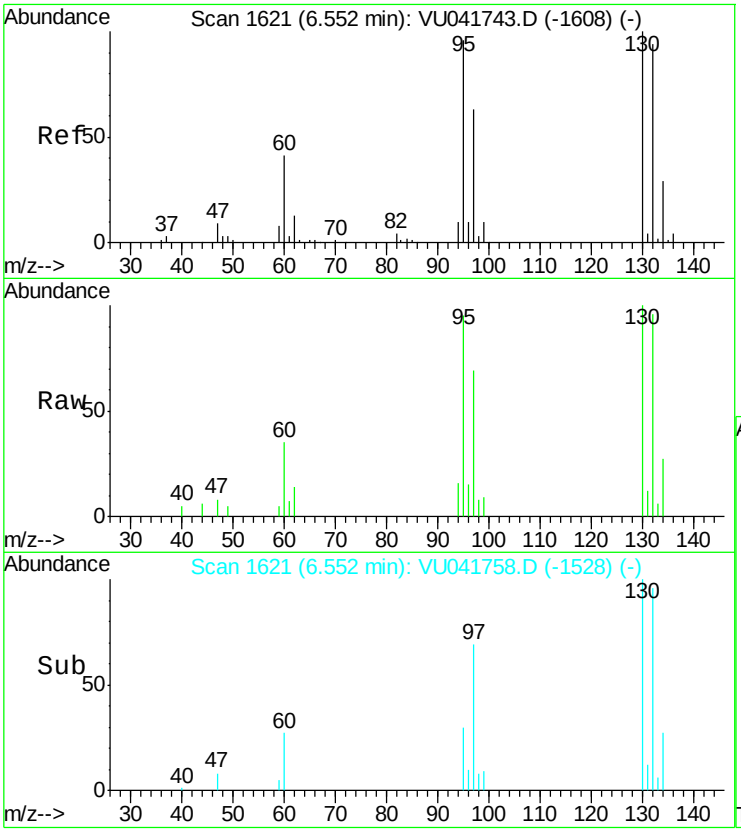


#31
Carbon tetrachloride
Concen: 1.630 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU041758.D
Acq: 22 Dec 2020 22:00

Tgt Ion:117 Resp: 19188

Ion	Ratio	Lower	Upper
117	100		
119	100.6	76.2	114.2





#34
Trichloroethene
Concen: 0.497 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041758.D
Acq: 22 Dec 2020 22:00

Instrument :
MSVOA_U
ClientSampleId :
GB240

Tgt Ion: 95 Resp: 4740

Ion	Ratio	Lower	Upper
95	100		
97	72.3	43.9	81.5
132	100.6	63.1	117.3
130	105.1	67.4	125.2