Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100320\
Data File : VU040485.D
Acq On : 03 Oct 2020 17:28
Operator : SY/MD
Sample : L4240-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T4

Quant Time: Oct 05 02:11:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62735	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	29681	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.92	69	26324	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.58	63	50063	3.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	4.66	46	136442	42.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.64%			
24) Chloroform-d	5.08	84	68154	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.72	65	41814	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.75	84	122610	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.70	67	42165	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.91	98	102943	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.19	79	18287	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.64	63	91201	39.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.36%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38940	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43922	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
42) Toluene	7.97	91	2898	0.064	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	689	0.080	ug/L #	85
56) Isopropylbenzene	10.48	105	1518	0.033	ug/L #	86
68) 1,2,4-trichlorobenzene	13.83	180	5902	0.495	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	2008	0.184	ug/L	92

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

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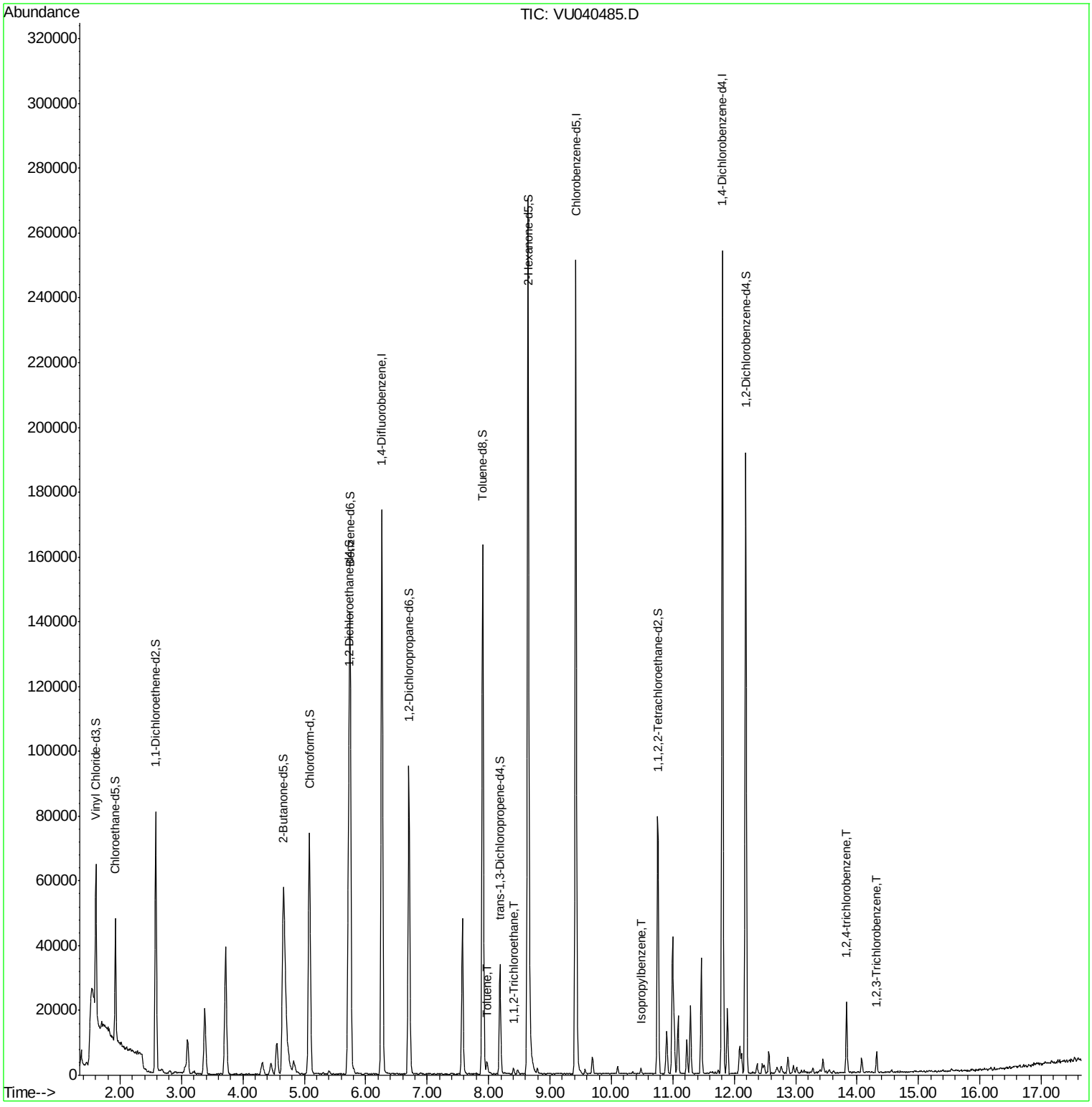
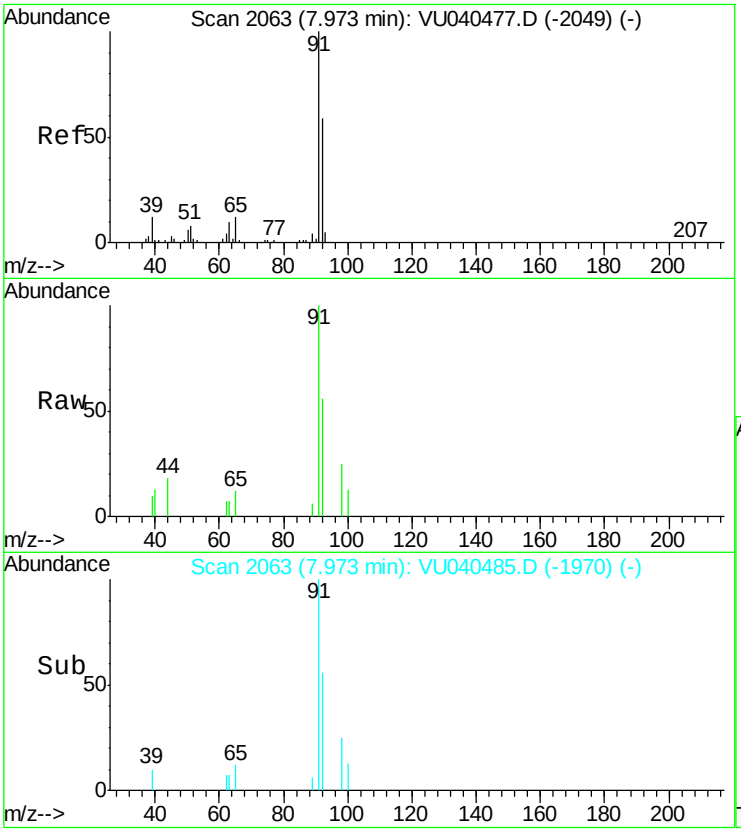


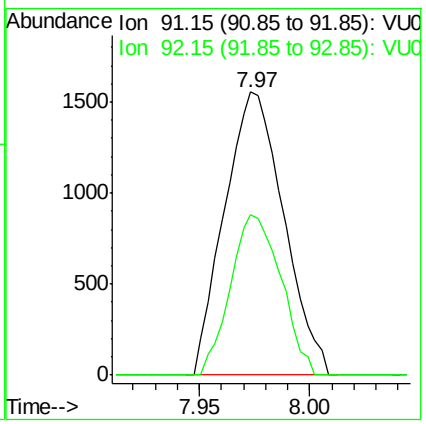


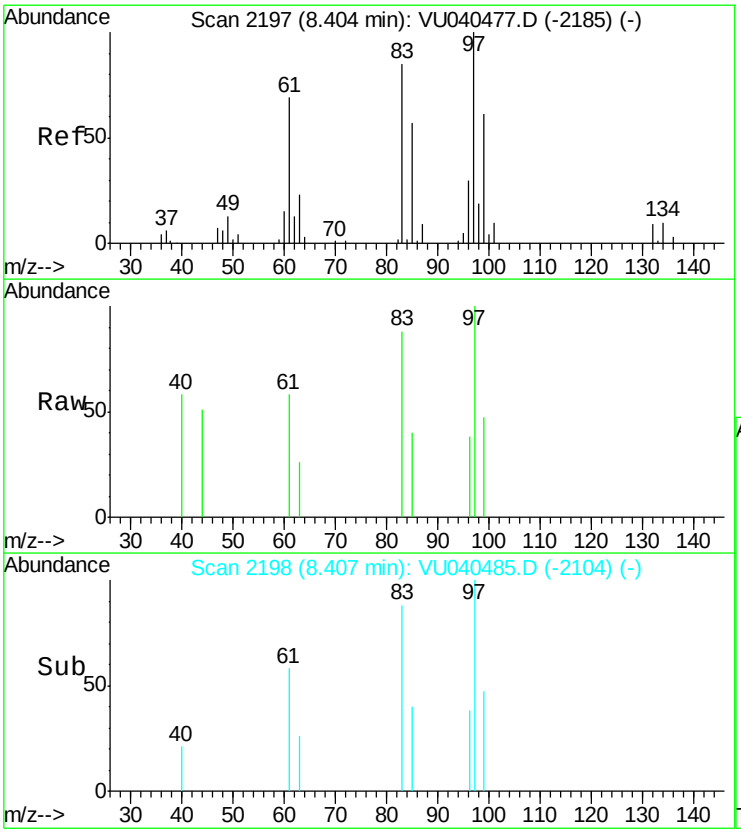
#42
Toluene
Concen: 0.064 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument : MSVOA_U
ClientSampleId : BG3T4

Tgt Ion: 91 Resp: 2898

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.0	74.4

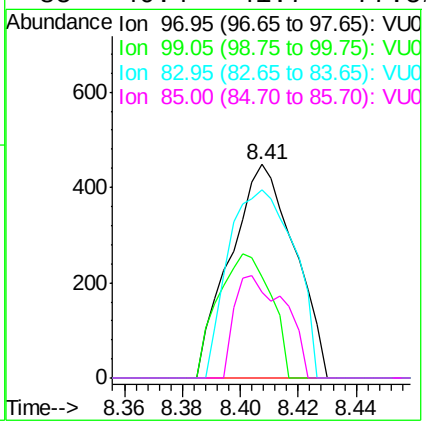


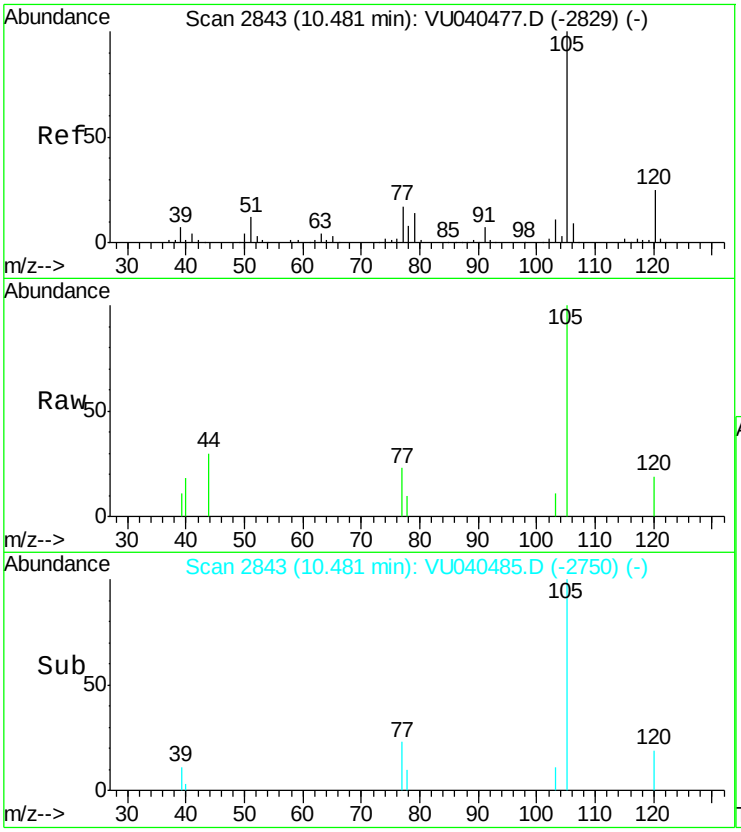


#45
1,1,2-Trichloroethane
Concen: 0.080 ug/L
RT: 8.41 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion: 97 Resp: 689

Ion	Ratio	Lower	Upper
97	100		
99	47.3	45.8	85.0
83	88.2	62.9	116.9
85	40.4	41.7	77.5#



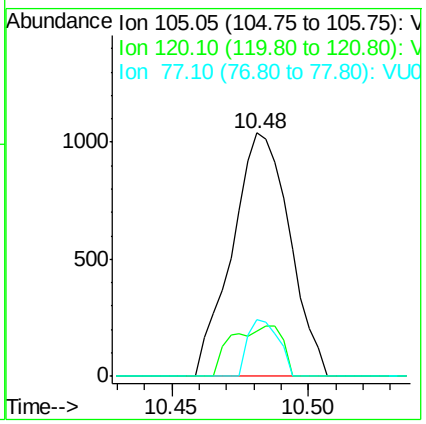


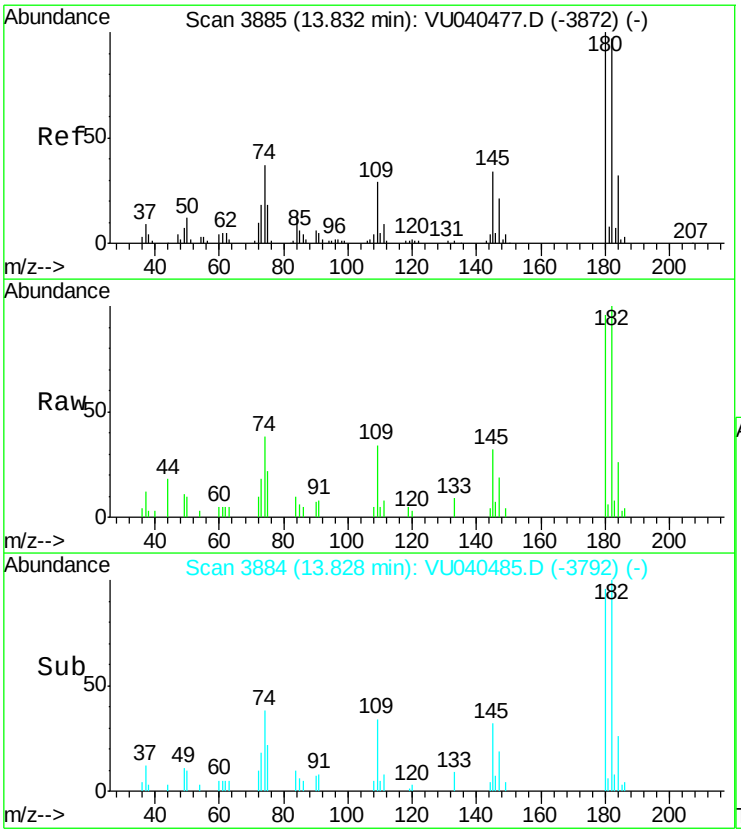
#56
Isopropylbenzene
Concen: 0.033 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion:105 Resp: 1518

Ion	Ratio	Lower	Upper
105	100		
120	18.2	20.6	30.8#
77	12.2	14.3	21.5#

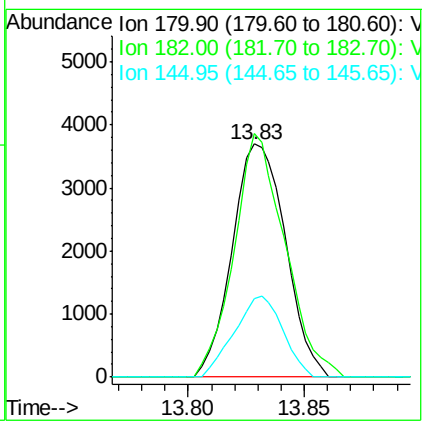


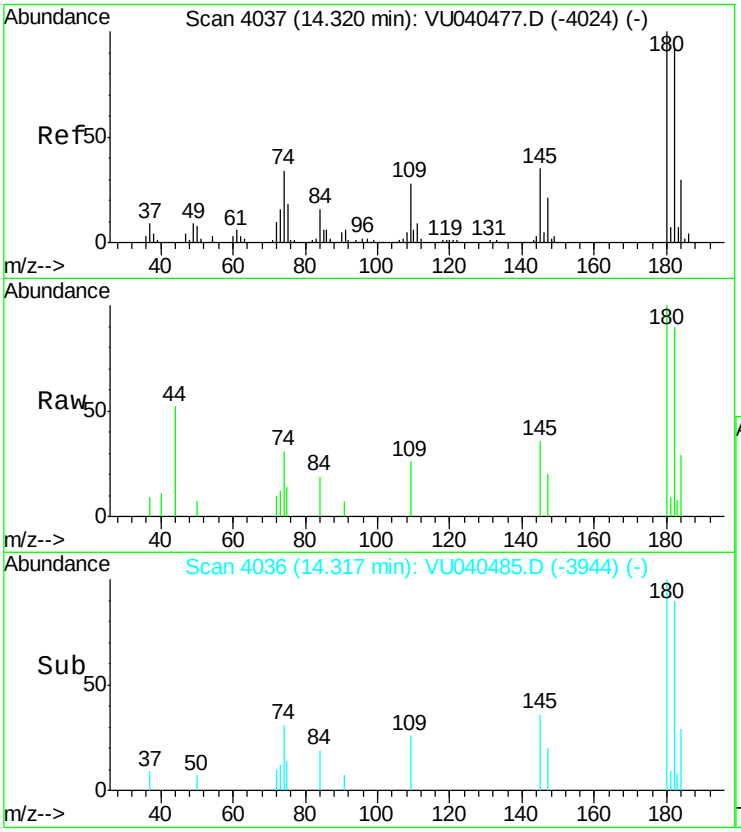


#68
1,2,4-trichlorobenzene
Concen: 0.495 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Tgt Ion:180 Resp: 5902

Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.6	115.0
145	31.6	26.3	39.5





#70
1,2,3-Trichlorobenzene
Concen: 0.184 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040485.D
Acq: 03 Oct 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :
BG3T4

Tgt Ion:180 Resp: 2008

Ion	Ratio	Lower	Upper
180	100		
182	105.1	76.6	115.0
145	32.7	27.8	41.6