Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041158.D
Acq On : 09 Nov 2020 22:43
Operator : SY/MD
Sample : L4673-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T0

Quant Time: Nov 10 04:44:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 04:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56685	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25760	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	15338	3.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.40%			
7) Chloroethane-d5	1.92	69	15632	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.40%			
11) 1,1-Dichloroethene-d2	2.58	63	26549	2.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.80%#			
20) 2-Butanone-d5	4.65	46	88893	56.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.36%			
24) Chloroform-d	5.08	84	44790	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	5.72	65	27081	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.74	84	72833	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.70	67	26123	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.91	98	60163	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	8.19	79	9851	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.64	63	62433	52.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.76%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24961	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	26665	5.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.00%			
Target Compounds						Qvalue
16) Methylene chloride	3.06	84	764	0.164	ug/L	85
25) Chloroform	5.11	83	46590	5.711	ug/L	98
33) Benzene	5.79	78	3186	0.182	ug/L	100
34) Trichloroethene	6.56	95	1885	0.423	ug/L	93
38) Bromodichloromethane	7.11	83	11900	1.935	ug/L	90
49) Dibromochloromethane	8.82	129	1423	0.347	ug/L	98
53) m,p-Xylene	9.69	106	1236	0.181	ug/L	90

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

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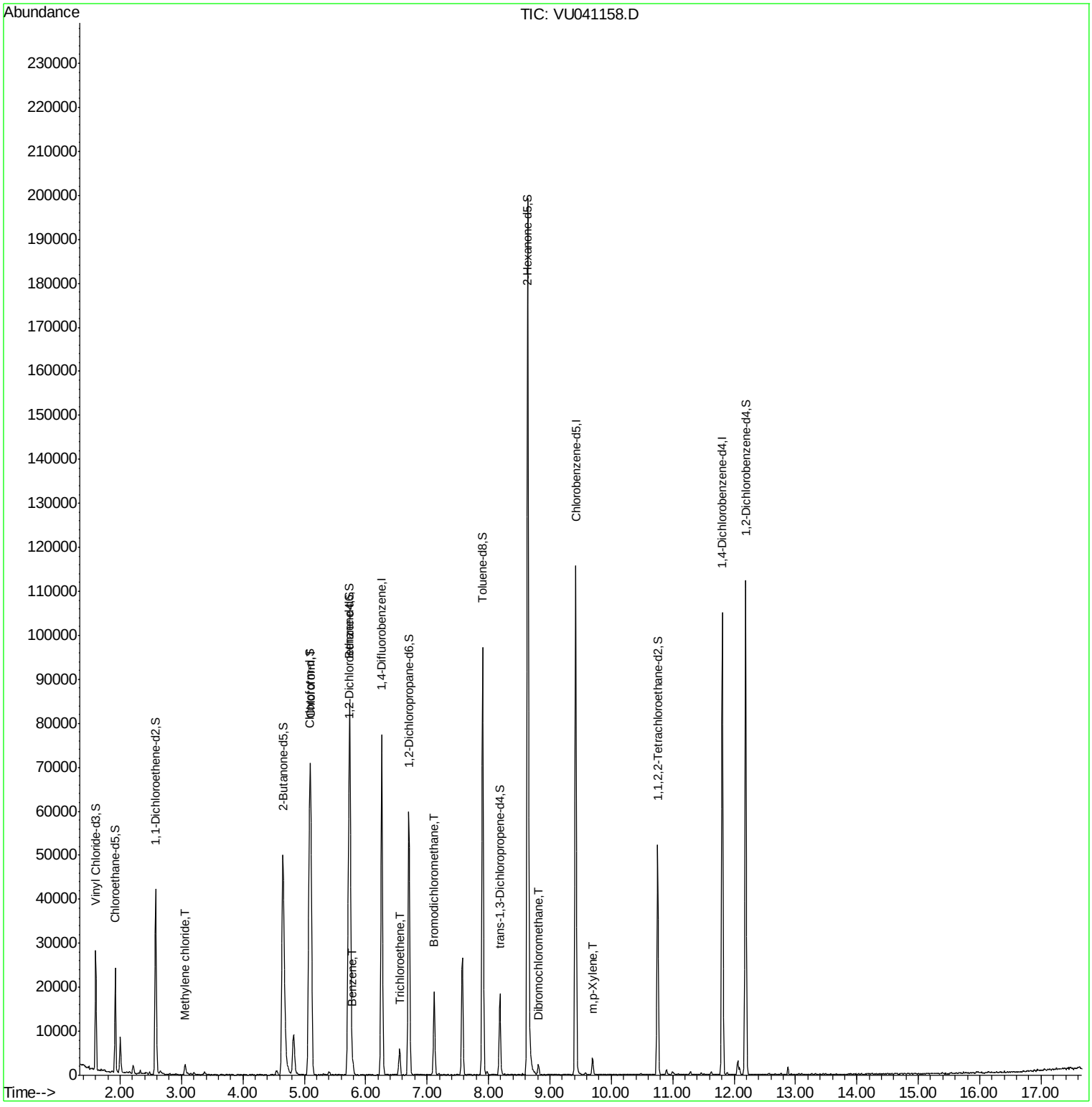
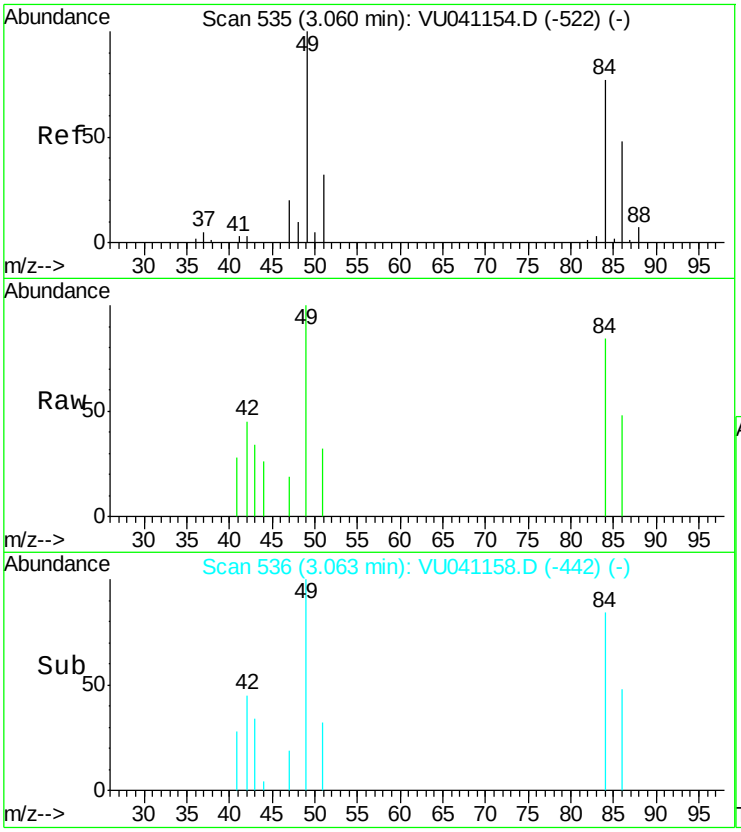


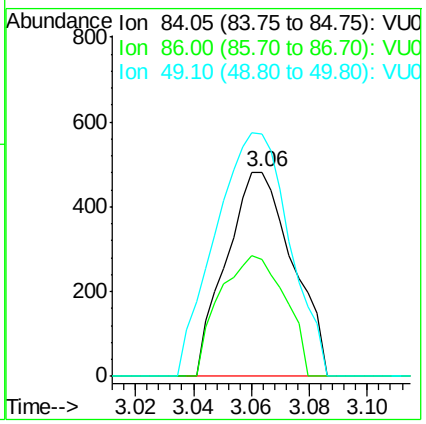


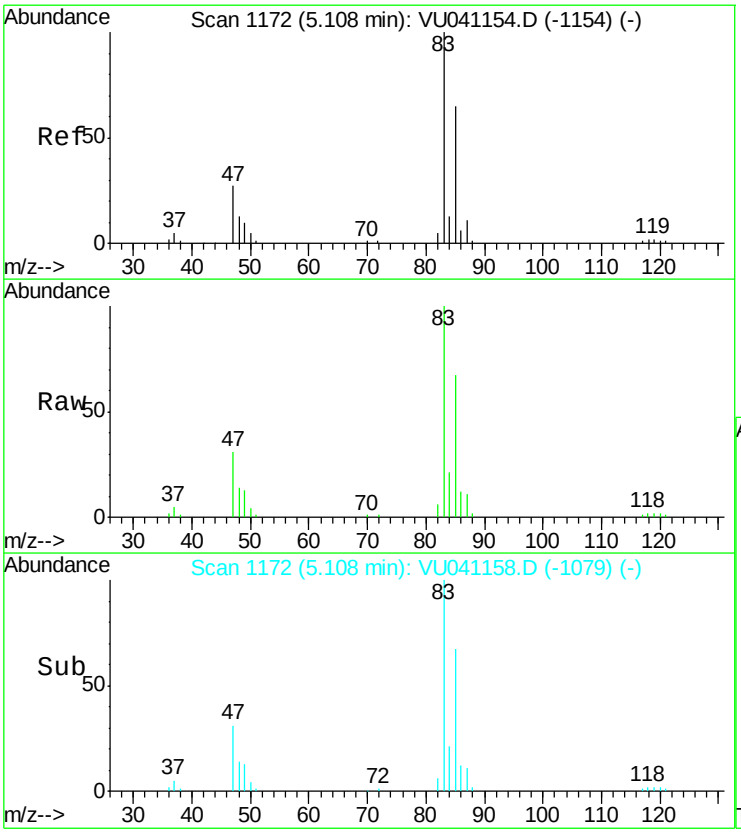
#16
Methylene chloride
Concen: 0.164 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041158.D
Acq: 09 Nov 2020 22:43

Instrument :
MSVOA_U
ClientSampleId :
GB0T0

Tgt Ion: 84 Resp: 764

Ion	Ratio	Lower	Upper
84	100		
86	57.1	42.8	79.6
49	118.7	99.5	184.7

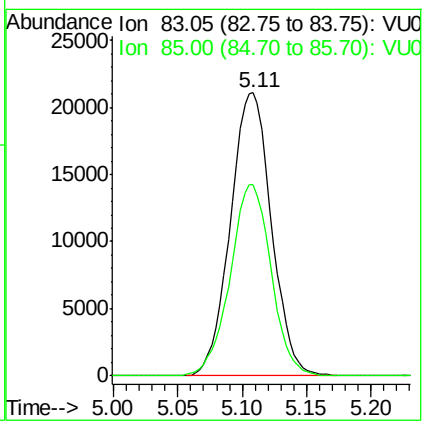


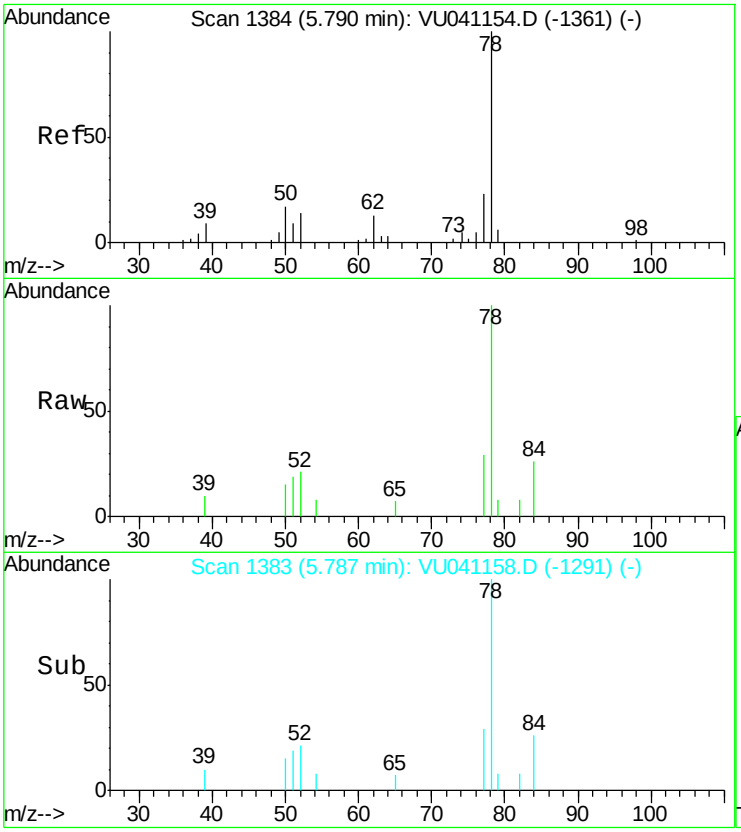


#25
Chloroform
Concen: 5.711 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041158.D
Acq: 09 Nov 2020 22:43

Tgt Ion: 83 Resp: 46590

Ion	Ratio	Lower	Upper
83	100		
85	67.4	46.1	85.7

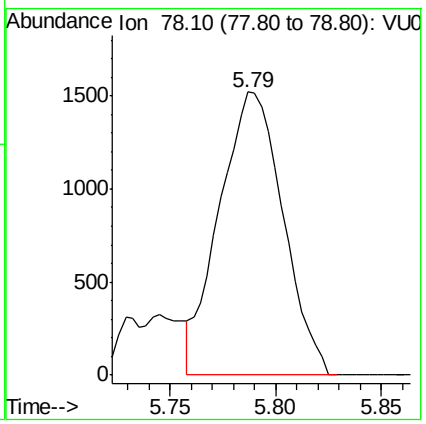


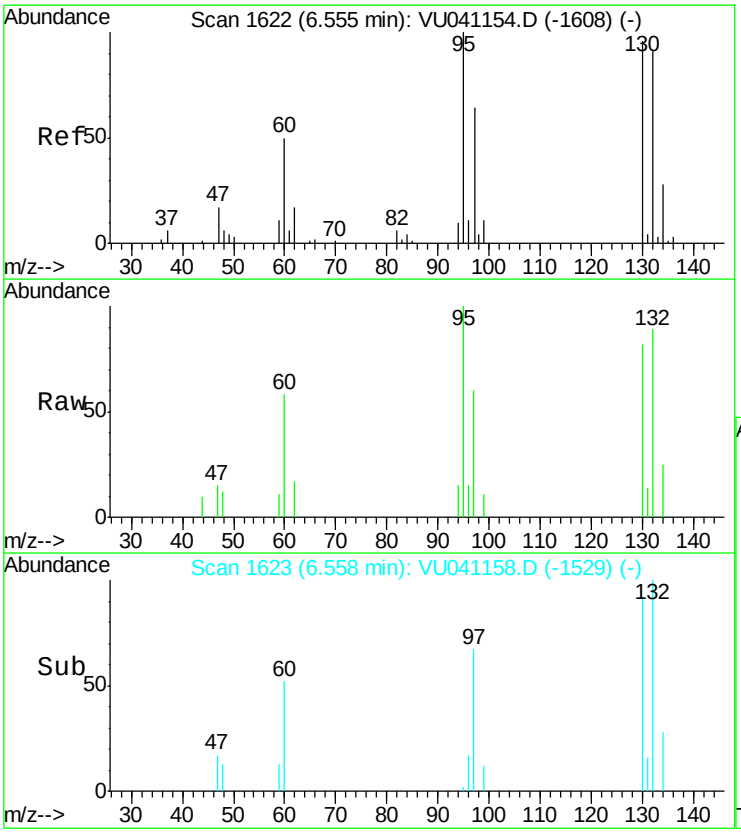


#33
Benzene
Concen: 0.182 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU041158.D
Acq: 09 Nov 2020 22:43

Instrument :
MSVOA_U
ClientSampleId :
GB0T0

Tgt Ion: 78 Resp: 3186

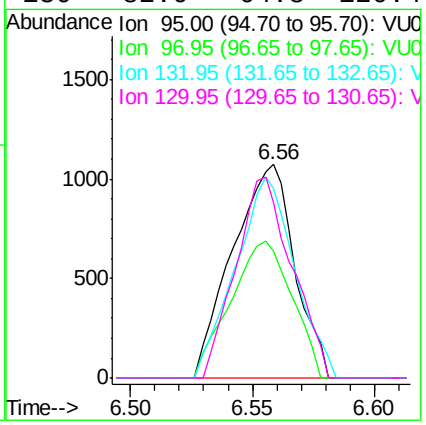


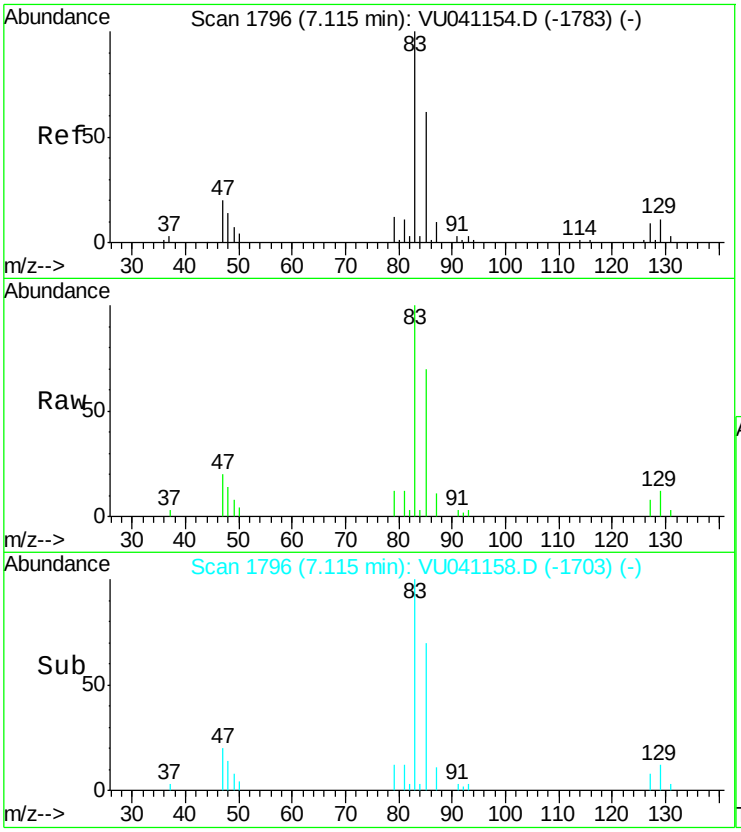


#34
Trichloroethene
Concen: 0.423 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.00 min
Lab File: VU041158.D
Acq: 09 Nov 2020 22:43

Tgt Ion: 95 Resp: 1885

Ion	Ratio	Lower	Upper
95	100		
97	59.6	45.6	84.6
132	88.7	64.8	120.4
130	82.0	64.8	120.4



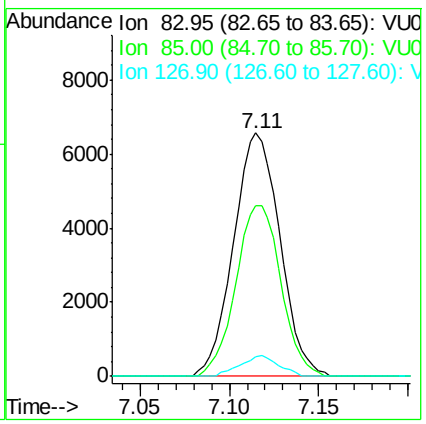


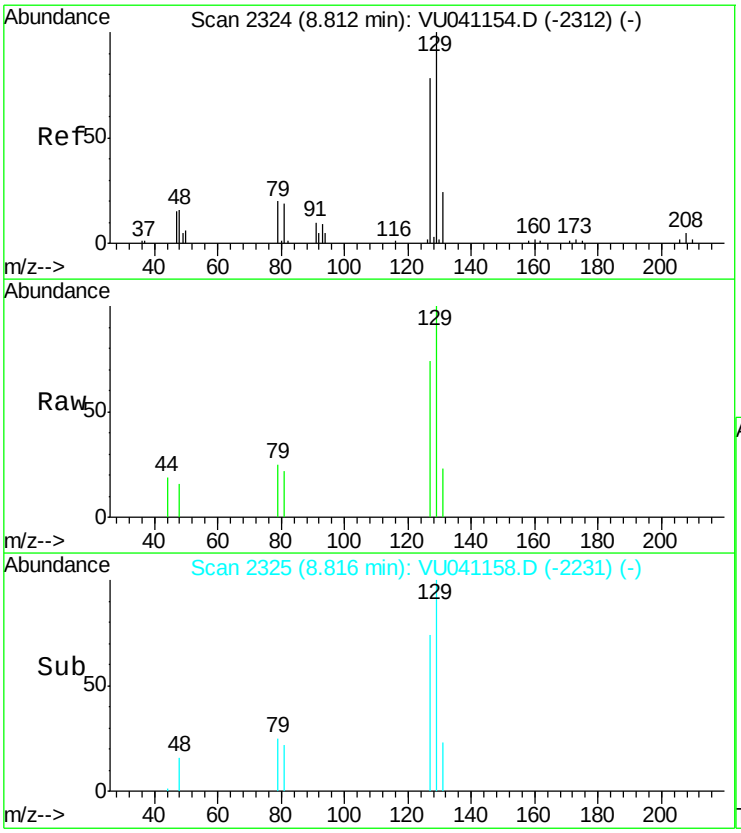
#38
Bromodichloromethane
Concen: 1.935 ug/L
RT: 7.11 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VU041158.D
Acq: 09 Nov 2020 22:43

Instrument :
MSVOA_U
ClientSampleId :
GB0T0

Tgt Ion: 83 Resp: 11900

Ion	Ratio	Lower	Upper
83	100		
85	70.3	43.3	80.3
127	7.8	5.9	8.9

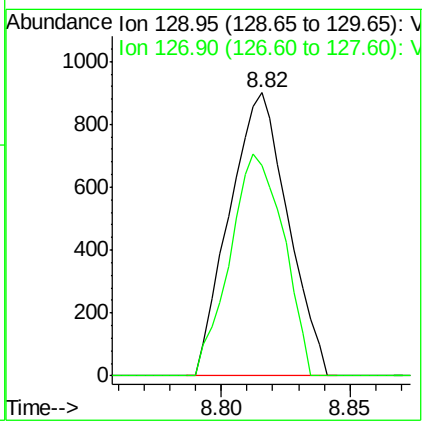


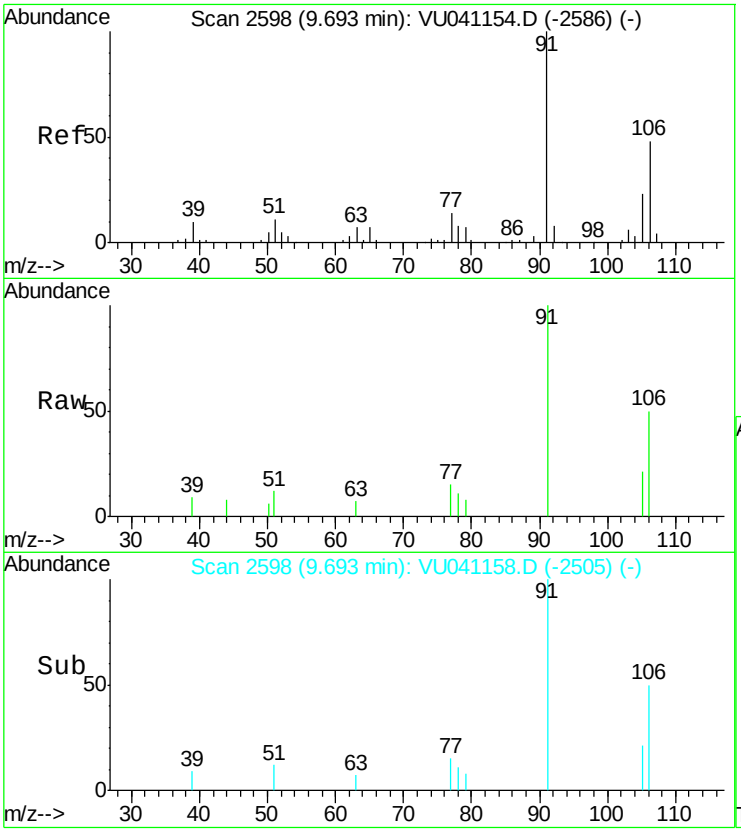


#49
Dibromochloromethane
Concen: 0.347 ug/L
RT: 8.82 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VU041158.D
Acq: 09 Nov 2020 22:43

Tgt Ion:129 Resp: 1423

Ion	Ratio	Lower	Upper
129	100		
127	74.2	53.4	99.2





#53
m,p-Xylene
Concen: 0.181 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041158.D
Acq: 09 Nov 2020 22:43

Instrument :
MSVOA_U
ClientSampleId :
GB0T0

Tgt Ion:106 Resp: 1236

Ion	Ratio	Lower	Upper
106	100		
91	200.0	150.9	280.3