Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041163.D
Acq On : 10 Nov 2020 00:39
Operator : SY/MD
Sample : L4673-15MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T3

Quant Time: Nov 10 05:52:49 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	56913	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57540	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25853	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	14560	3.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.80%			
7) Chloroethane-d5	1.92	69	13766	3.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.00%			
11) 1,1-Dichloroethene-d2	2.58	63	37412	3.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.80%			
20) 2-Butanone-d5	4.65	46	86804	55.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.26%			
24) Chloroform-d	5.08	84	40247	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.72	65	26270	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.74	84	68989	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.70	67	24997	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.91	98	57048	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.80%			
43) trans-1,3-Dichloropropene-	8.18	79	9316	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.64	63	65822	56.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.58%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23287	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	25539	5.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2581	0.483	ug/L	95
12) 1,1-Dichloroethene	2.59	96	21446	5.335	ug/L	81
18) trans-1,2-Dichloroethene	3.38	96	1120	0.274	ug/L	81
22) cis-1,2-Dichloroethene	4.68	96	27718	6.577	ug/L	96
33) Benzene	5.79	78	91215	5.305	ug/L	100
34) Trichloroethene	6.56	95	31707	7.247	ug/L	98
42) Toluene	7.98	91	91527	5.250	ug/L	97
51) Chlorobenzene	9.45	112	61937	5.603	ug/L	97

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

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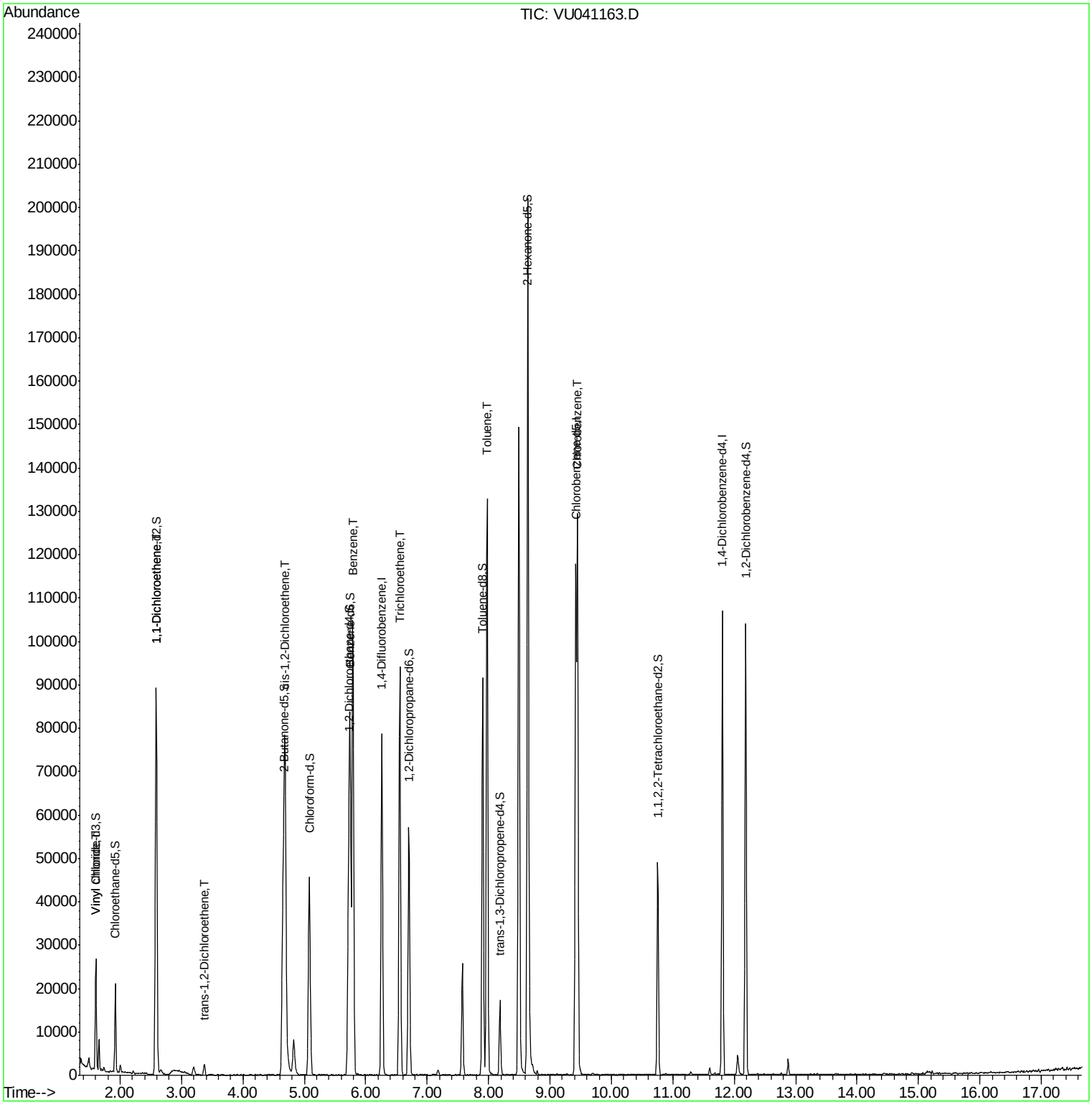
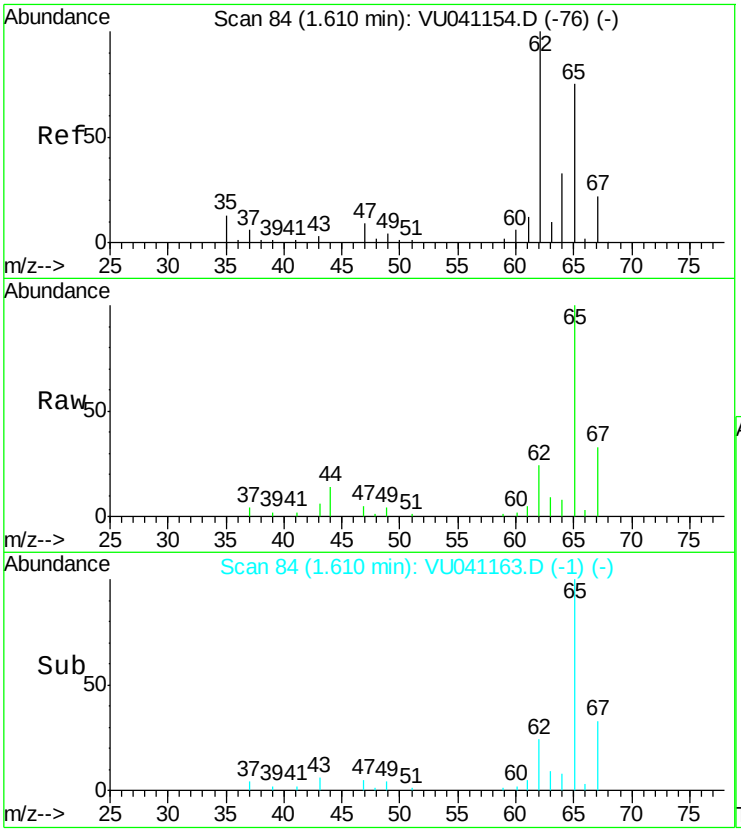


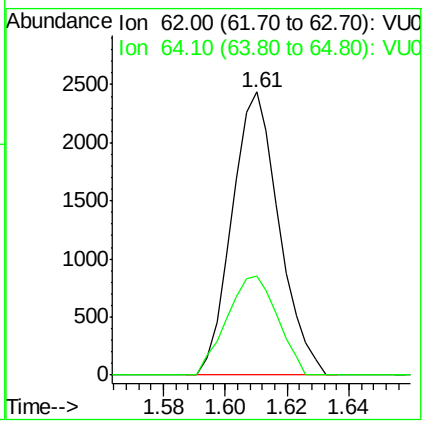


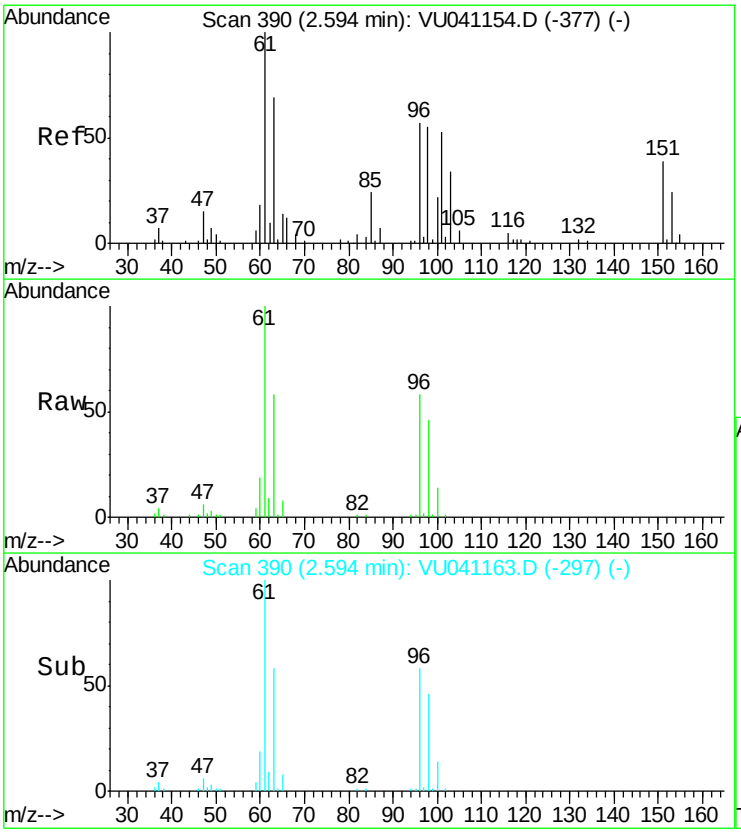
#5
Vinyl chloride
Concen: 0.483 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU041163.D
Acq: 10 Nov 2020 00:39

Instrument :
MSVOA_U
ClientSampleId :
GB0T3

Tgt Ion: 62 Resp: 2581

Ion	Ratio	Lower	Upper
62	100		
64	35.1	22.7	42.3

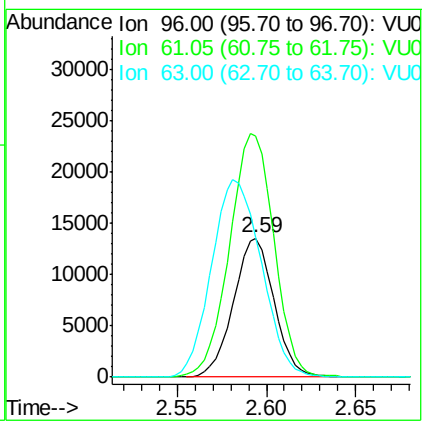


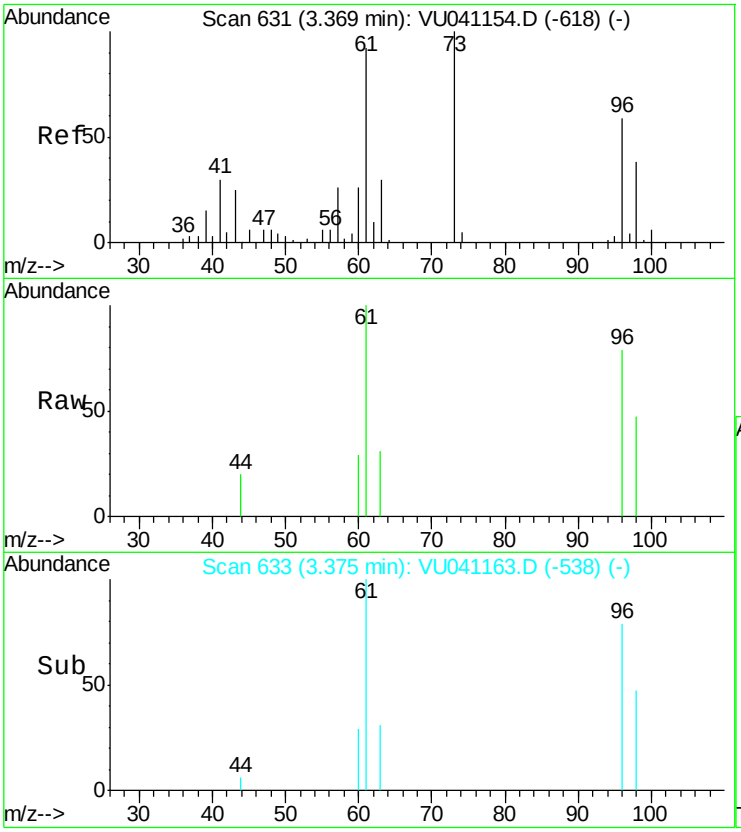


#12
1,1-Dichloroethene
Concen: 5.335 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU041163.D
Acq: 10 Nov 2020 00:39

Tgt Ion: 96 Resp: 21446

Ion	Ratio	Lower	Upper
96	100		
61	173.8	134.3	249.5
63	101.1	95.0	176.4



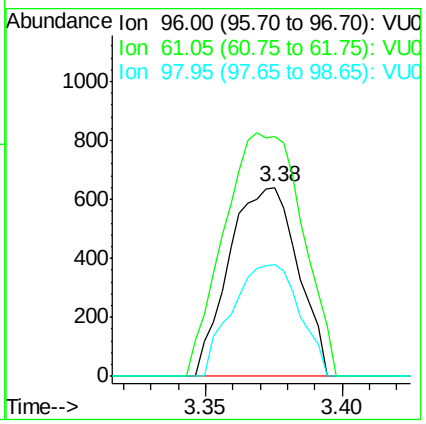


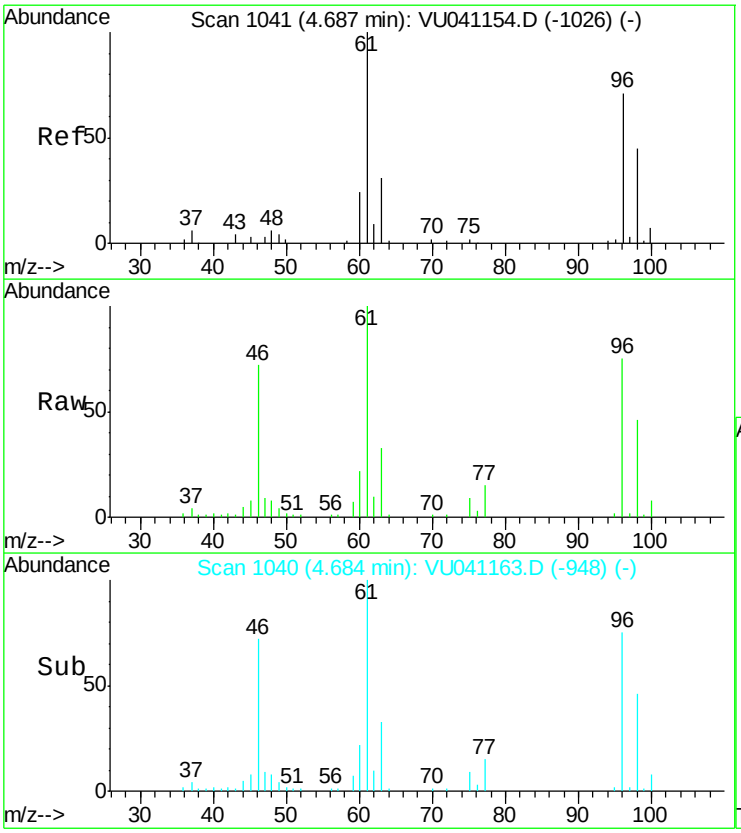
#18
trans-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU041163.D
Acq: 10 Nov 2020 00:39

Instrument : MSVOA_U
ClientSampleId : GB0T3

Tgt Ion: 96 Resp: 1120

Ion	Ratio	Lower	Upper
96	100		
61	126.8	110.9	205.9
98	59.4	45.4	84.2

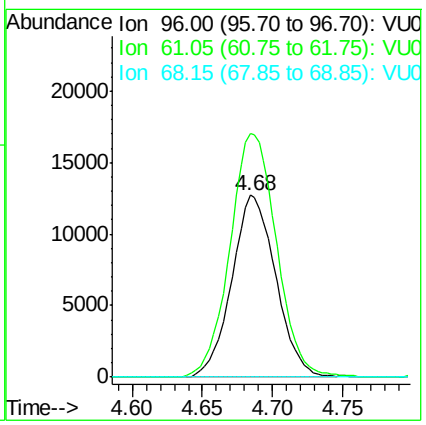


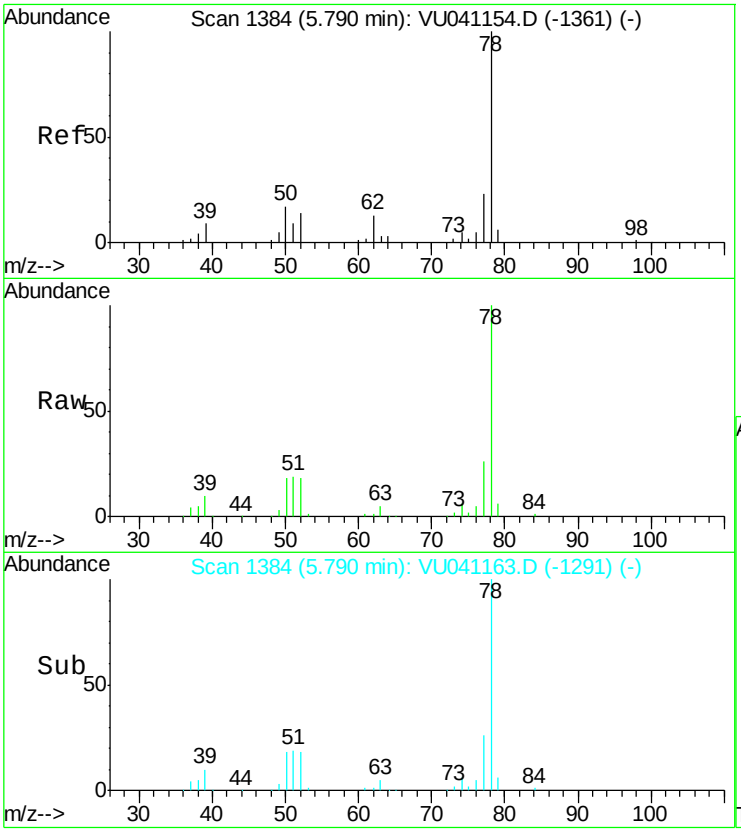


#22
cis-1,2-Dichloroethene
Concen: 6.577 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU041163.D
Acq: 10 Nov 2020 00:39

Tgt Ion: 96 Resp: 27718

Ion	Ratio	Lower	Upper
96	100		
61	134.1	97.2	180.4
68	0.0	0.0	0.0

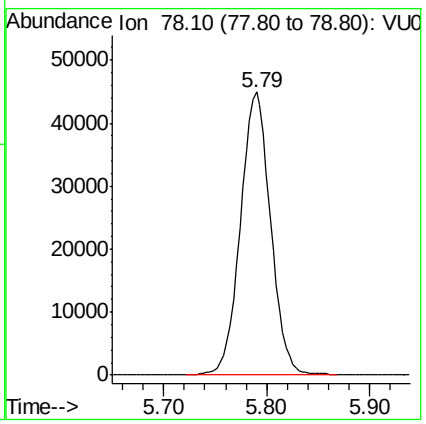


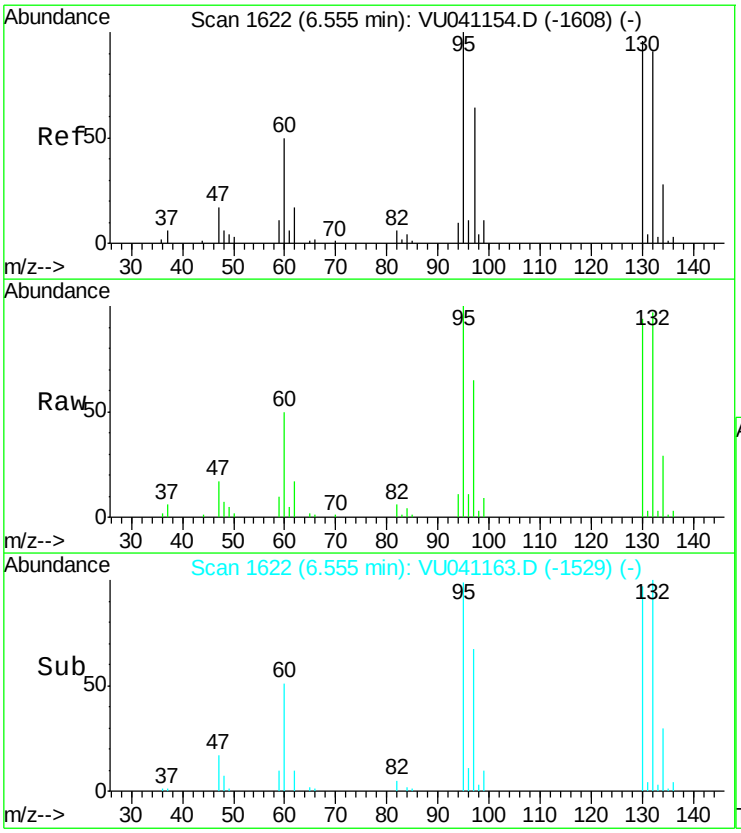


#33
Benzene
Concen: 5.305 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. -0.00 min
Lab File: VU041163.D
Acq: 10 Nov 2020 00:39

Instrument :
MSVOA_U
ClientSampleId :
GB0T3

Tgt Ion: 78 Resp: 91215

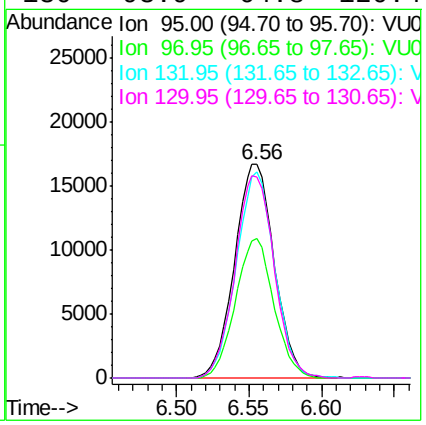


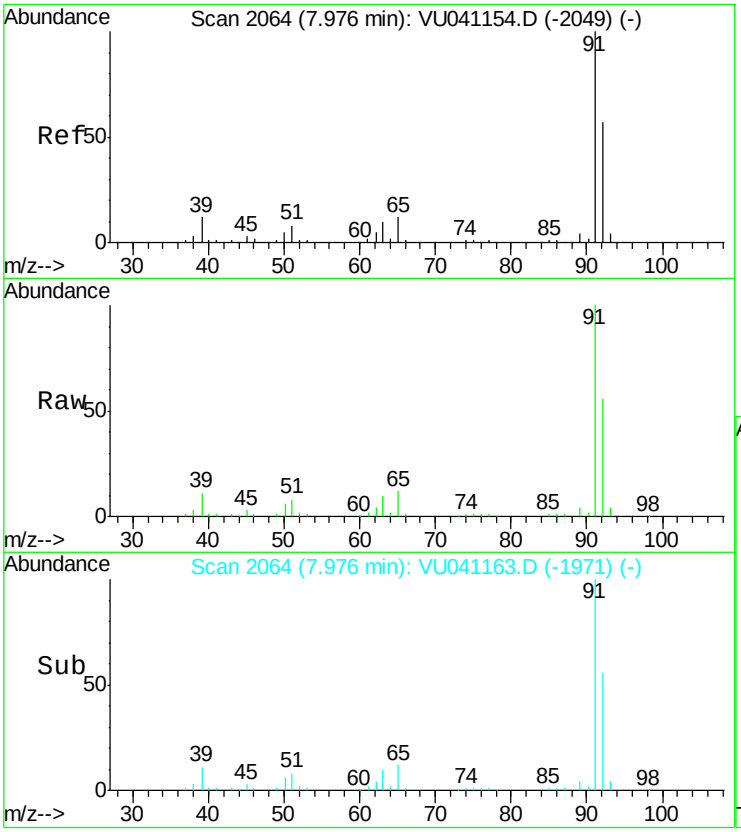


#34
Trichloroethene
Concen: 7.247 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. -0.00 min
Lab File: VU041163.D
Acq: 10 Nov 2020 00:39

Tgt Ion: 95 Resp: 31707

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.6	84.6
132	96.5	64.8	120.4
130	93.9	64.8	120.4



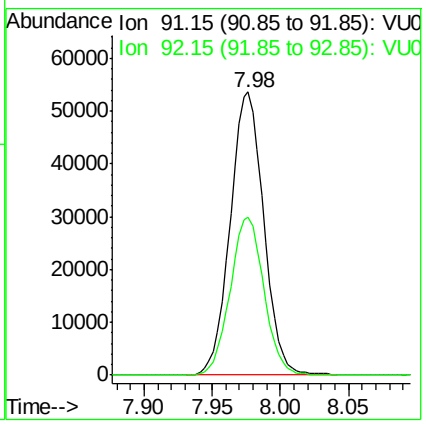


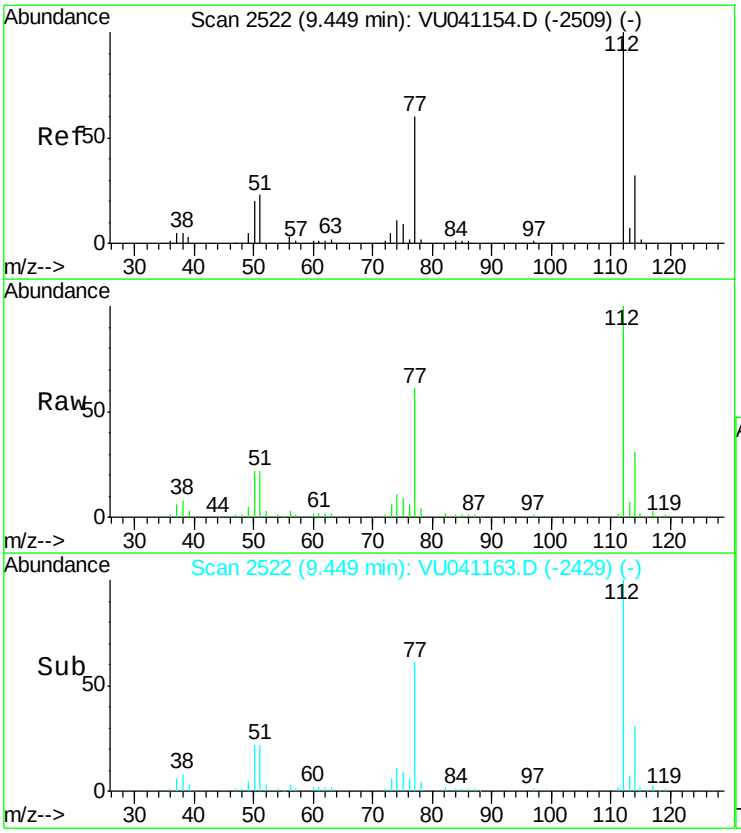
#42
Toluene
Concen: 5.250 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU041163.D
Acq: 10 Nov 2020 00:39

Instrument : MSVOA_U
ClientSampleId : GB0T3

Tgt Ion: 91 Resp: 91527

Ion	Ratio	Lower	Upper
91	100		
92	55.9	40.6	75.4





#51
Chlorobenzene
Concen: 5.603 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU041163.D
Acq: 10 Nov 2020 00:39

Tgt Ion:112 Resp: 61937

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.4	41.6
77	60.9	51.2	76.8