Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081420\

Quantitation Report (QT/LSC Reviewed)

Data File : VU039871.D
Acq On : 14 Aug 2020 20:08
Operator : SY/MD
Sample : L3517-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4L74

Quant Time: Aug 17 05:58:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33414	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17823	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.92	69	19336	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.58	63	25238	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%			
20) 2-Butanone-d5	4.65	46	74888	45.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.32%			
24) Chloroform-d	5.09	84	43971	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.72	65	27556	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.75	84	80342	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.70	67	29591	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.60%			
41) Toluene-d8	7.91	98	63952	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	8.19	79	11393	5.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.20%			
46) 2-Hexanone-d5	8.64	63	57568	48.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.30%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24987	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31801	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	5688	1.013	ug/L	96
17) Methyl tert-butyl Ether	3.39	73	4624	0.423	ug/L #	85
18) trans-1,2-Dichloroethene	3.37	96	7230	1.577	ug/L	83
22) cis-1,2-Dichloroethene	4.69	96	2178	0.437	ug/L	69
33) Benzene	5.79	78	3061	0.159	ug/L	100
34) Trichloroethene	6.55	95	1287	0.257	ug/L	87

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

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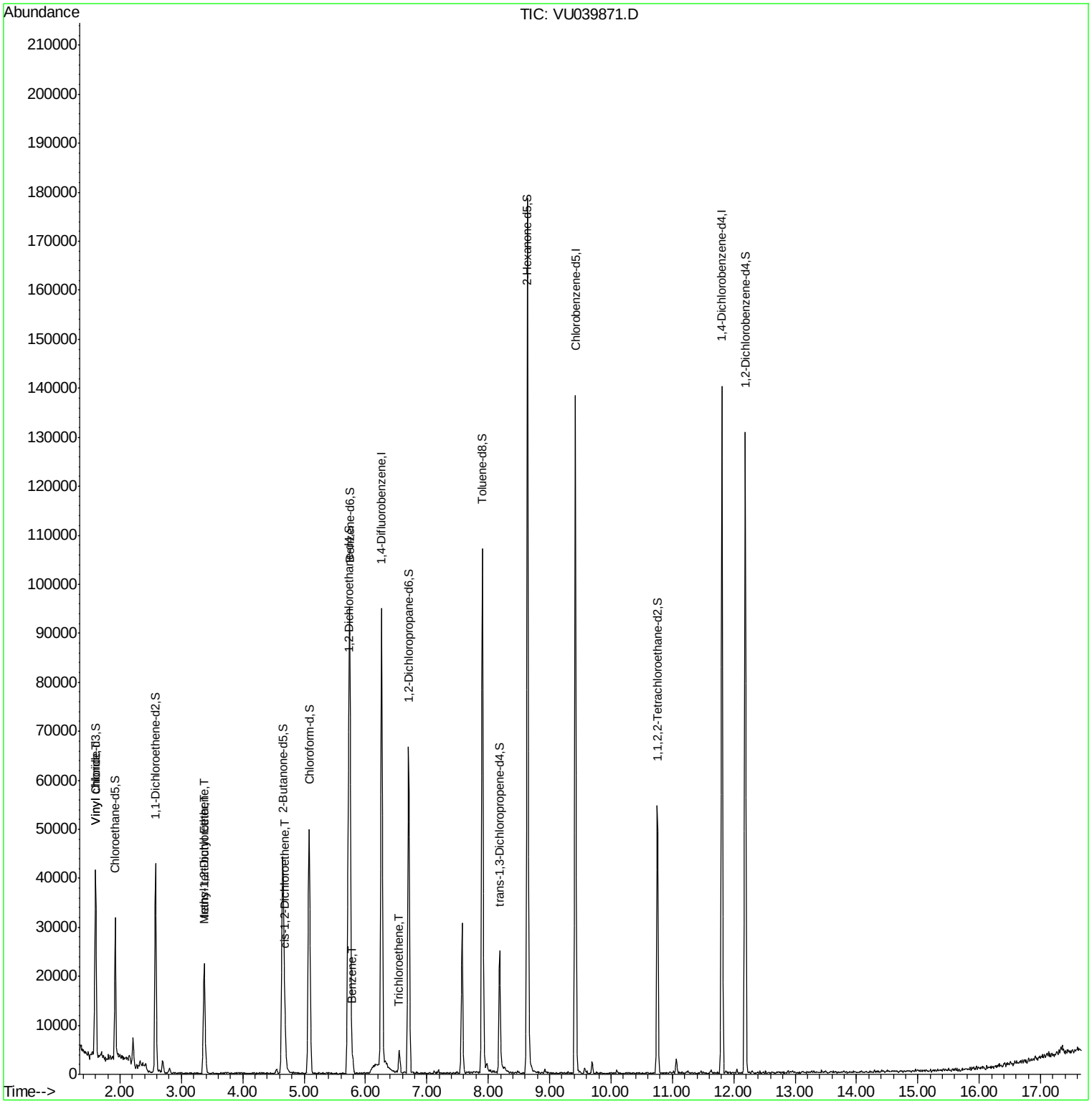
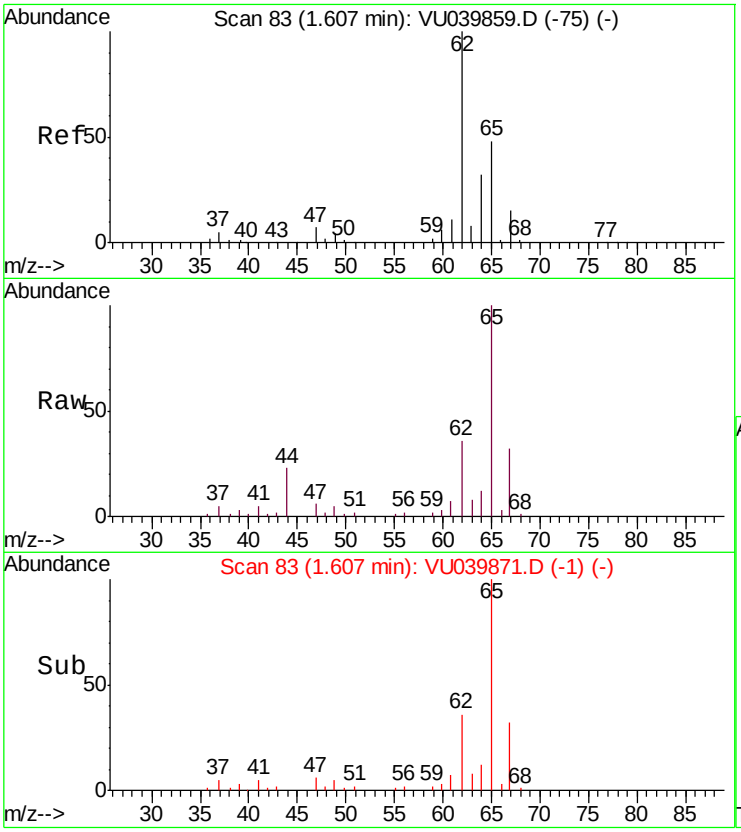


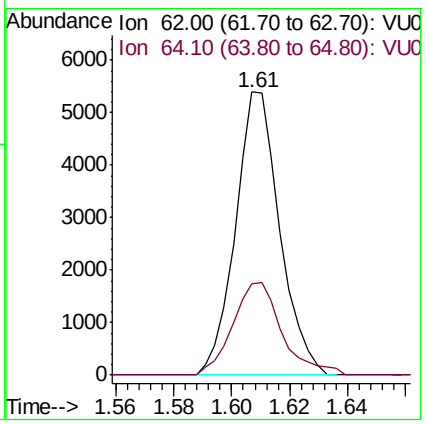


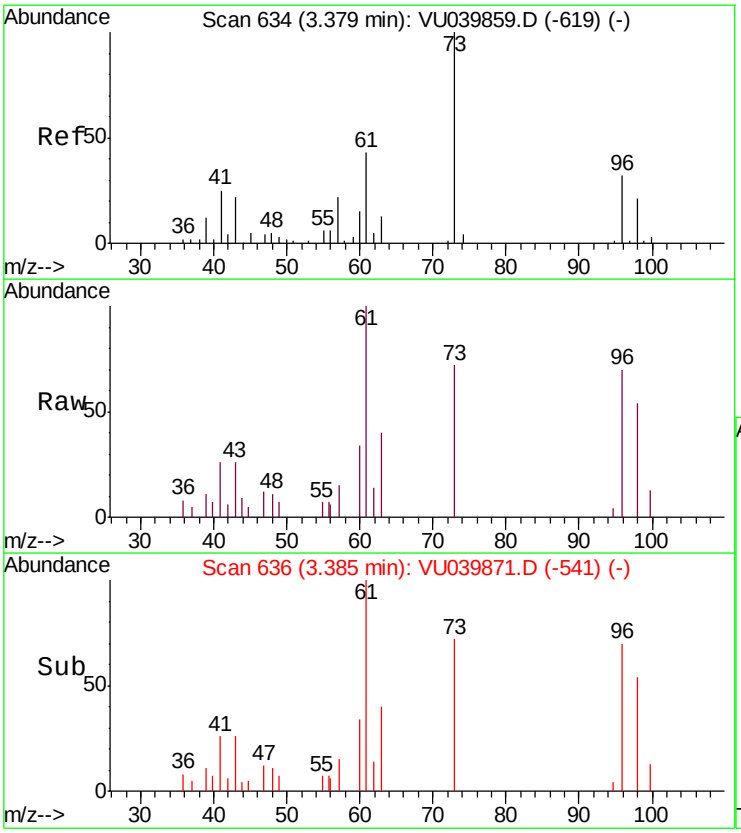
#5
Vinyl chloride
Concen: 1.013 ug/L
RT: 1.61 min Scan# 83
Delta R.T. 0.00 min
Lab File: VU039871.D
Acq: 14 Aug 2020 20:08

Instrument :
MSVOA_U
ClientSampleId :
F4L74

Tgt Ion: 62 Resp: 5688

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.1	44.7

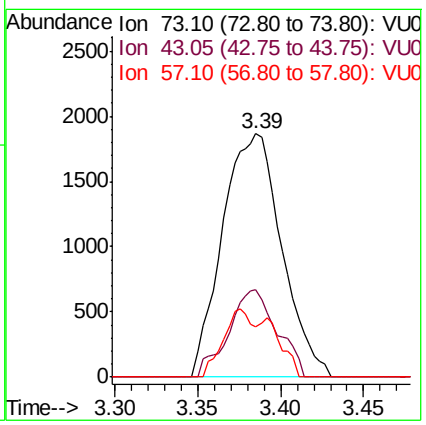


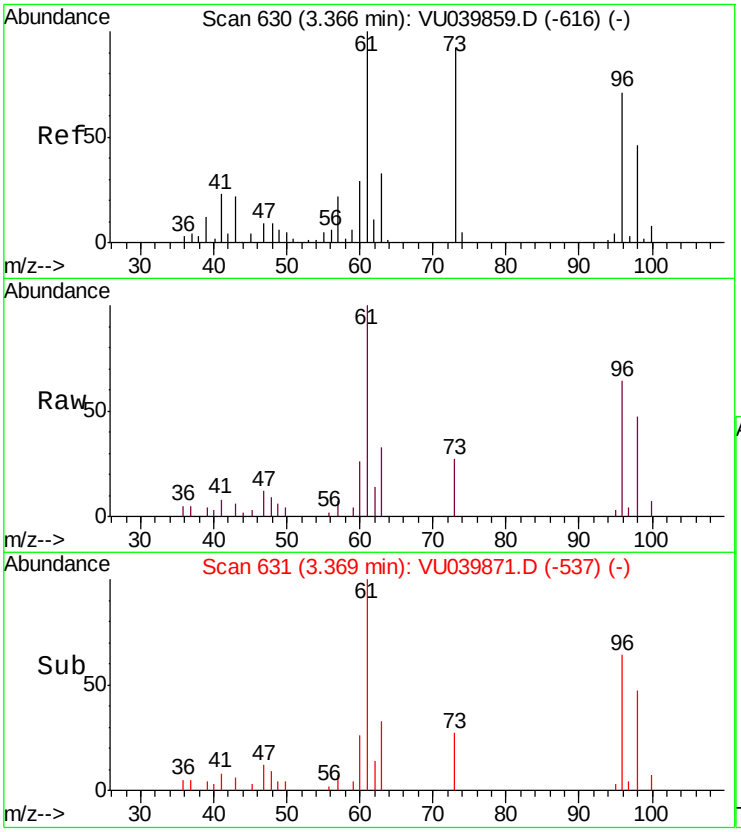


#17
Methyl tert-butyl Ether
Concen: 0.423 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.01 min
Lab File: VU039871.D
Acq: 14 Aug 2020 20:08

Tgt Ion: 73 Resp: 4624

Ion	Ratio	Lower	Upper
73	100		
43	29.4	18.2	27.4#
57	14.4	17.8	26.8#



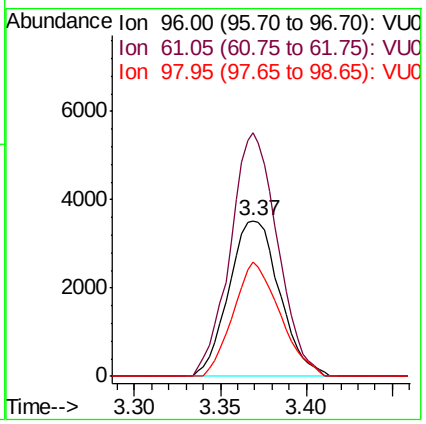


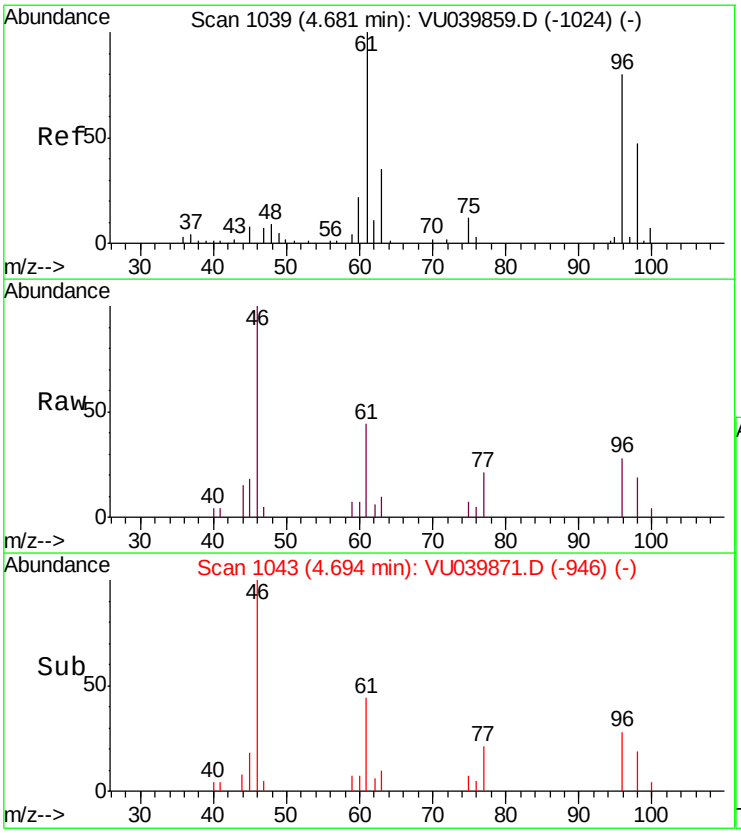
#18
trans-1,2-Dichloroethene
Concen: 1.577 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU039871.D
Acq: 14 Aug 2020 20:08

Instrument :
MSVOA_U
ClientSampleId :
F4L74

Tgt Ion: 96 Resp: 7230

Ion	Ratio	Lower	Upper
96	100		
61	156.5	96.5	179.1
98	73.4	40.9	76.0

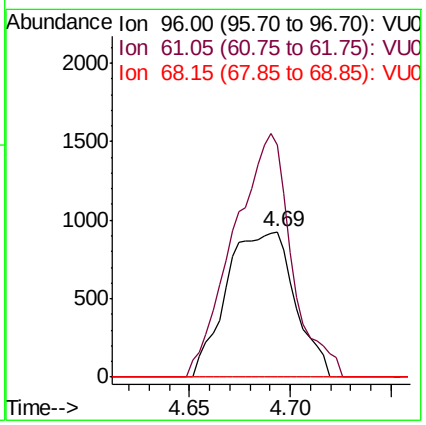


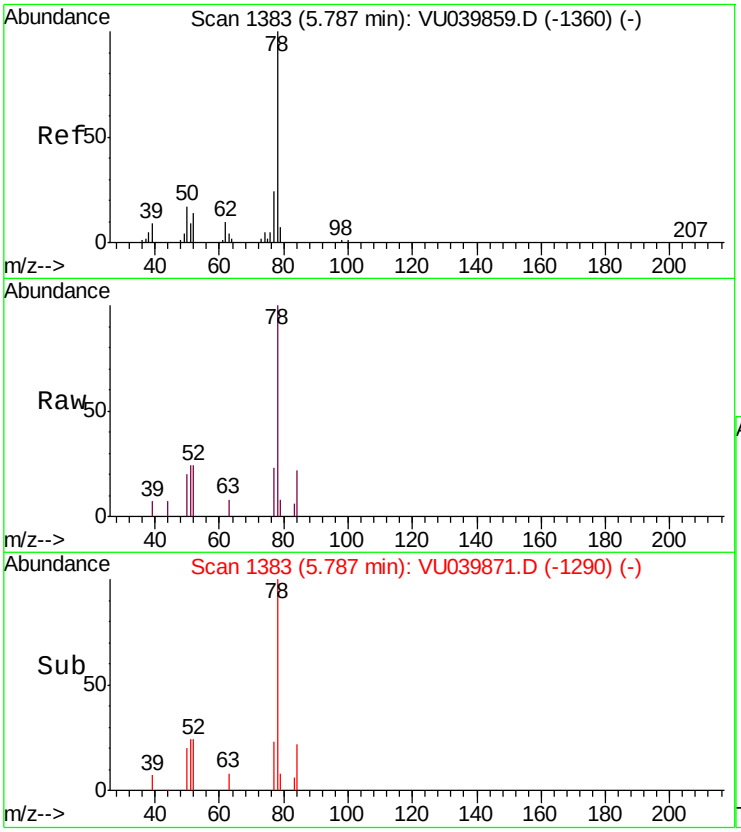


#22
cis-1,2-Dichloroethene
Concen: 0.437 ug/L
RT: 4.69 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VU039871.D
Acq: 14 Aug 2020 20:08

Tgt Ion: 96 Resp: 2178

Ion	Ratio	Lower	Upper
96	100		
61	159.5	87.4	162.2
68	0.0	0.0	0.0

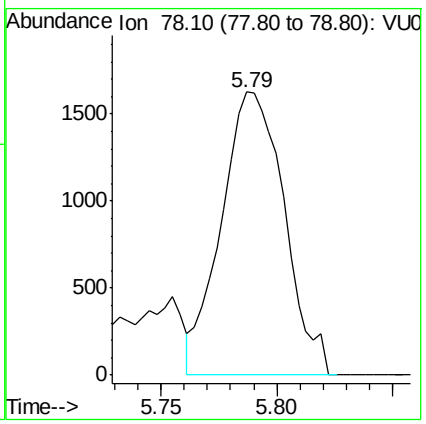


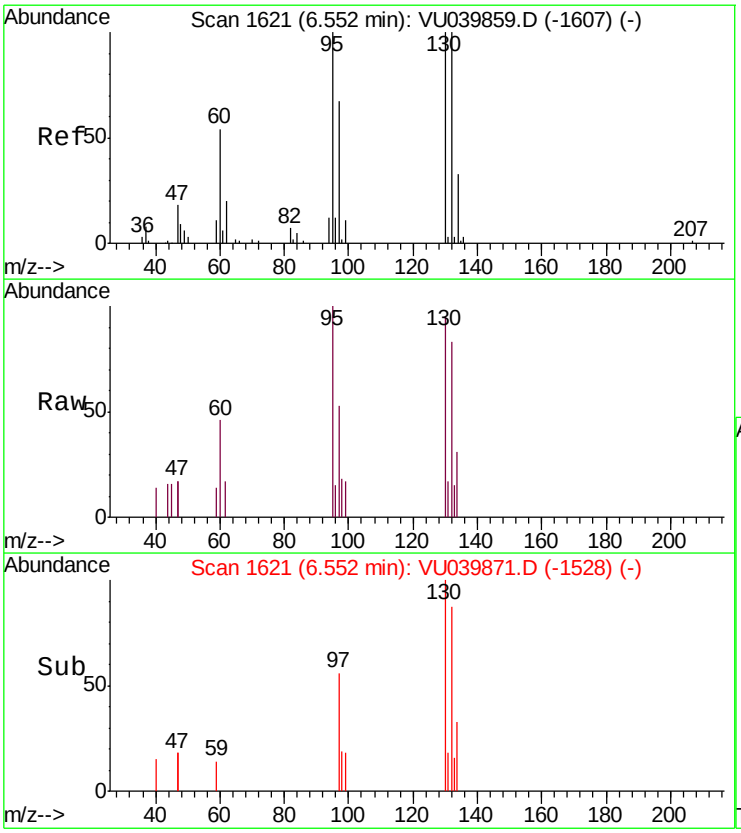


#33
Benzene
Concen: 0.159 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU039871.D
Acq: 14 Aug 2020 20:08

Instrument :
MSVOA_U
ClientSampleId :
F4L74

Tgt Ion: 78 Resp: 3061





#34
Trichloroethene
Concen: 0.257 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU039871.D
Acq: 14 Aug 2020 20:08

Tgt Ion: 95 Resp: 1287

Ion	Ratio	Lower	Upper
95	100		
97	52.9	44.0	81.8
132	82.9	71.7	133.3
130	95.2	71.1	132.1